

| Date       | Version | User     | Issue-Nr | Categorie  | Additional Info             | Type    | Description   |
|------------|---------|----------|----------|--|-----------------------------|---------|---|
| 07.11.2025 | 3,2     | S.Gueth  |          | GUI  | UpdDb=No                    | Change: | implemented new user control for Object Attribute Filters<br>to enhance filter capability and match the other object filters  |
| 04.11.2025 | 3,2     | S.Gueth  |          | CheckBox   | UpdDb=No                    | New:    | added new lists for tif merge collection files<br>_TcDatasetUidList.txt -> stores all the datase puid from tif merge collection files<br>_TcDatasetUidList.txt -> stores all the item reevision IDs from tif merge collection files<br>_TcDatasetResultsOverview.csv -> stores the object properties and ppm values for tif merge collection files  |
| 04.11.2025 | 3,2     | J.Fes    |          | ObjectList   | UpdDb=No                    | Change: | Exception Issue happend when<br>Button clicked Object List -> P.Dat -> Res.Msg<br>Issue is now solved by code changes   |
| 05.09.2025 | 3,2     | S.Gueth  |          | GUI  | UpdDb=Yes                   | Change: | added new extended wildcard functionality for CadDataSearch (Drawing Index Search)  |
| 02.09.2025 | 3,2     | S.Gueth  |          | GUI  | UpdDb=No                    | Change: | changed JobManager UI for correct scaling in windows  |
| 15.08.2025 | 3,2     | A.Stein  |          | GUI Import Settings  | UpdDb=Yes<br>Check.Settings | Change: | Now its possible to turn ImportFs_HashCode on and off in SiteDef Settings<br>Implemented by code extensions, for performance gain   |
| 15.08.2025 | 3,2     | A.Stein  |          | GUI Settings   | Check.Settings              | Change: | Select OpeFileRule from JobManager GUI  |
| 20.05.2025 | 3,2     | S.Gueth  |          | GUI ObjectList   | UpdDb=No                    | New:    | added view type selection for drawing index search (in Objects list DRW filter)<br>Nested -> will view the drawing results as nested items of the objects<br>Flat -> will view the drawing results as a flat list together with the object informations   |
| 28.03.2025 | 3,2     | S.Gueth  |          | JobControl   |                             | Change: | if the path to PLMPerf Settings json file is not available on the JobClient, JobClient won't stop anymore<br>JobClient will now print the following message:<br>ERR: PLMPerfSettings Load: please check if path to PLMPerf Settings json file is available!<br>PLMPerfSettings Load: Waiting 10 seconds --> try to reload settings  |
| 11.03.2025 | 3,2     | J.Fes    |          | Settings CheckBox  | Check.Settings              | Change: | Changed default values for "MD.Volume Deviation Result Rules" in CB Settings<br>OK: 0,000 mm^3 - 0,010 mm^3<br>WRN: 0,010 mm^3 - 0,100 mm^3<br>ERR: 0,100 mm^3 - ...  |
| 11.03.2025 | 3,2     | J.Fes    |          | Settings CheckBox  | Check.Settings              | Change: | Changed default values for Component.TranslationMatrix' from 0.00001 mm to 0,001 mm<br>OK: 0,000 mm - 0,001 mm<br>ERR: >0,001 mm - ...  |
| 22.02.2025 | 3,2     | A.Becker |          | CommandLineArgs<br>Settings                                  |                             | New:    | New command line argument "/PLMPerf_Root_DP" for JobClient available.<br>Specifies the root directory for the PLMPerfV4 structure. Requires /PLMPerf_ProfileName to be specified.<br>Doc Info: If not set, the environment variable %PLMPerf_Root_DP% will be used if available.<br><br>#Example: /PLMPerf_Root_DP "V:\JobManager\ProgEntw\Ver03\PLMPerfV4"   |
| 18.02.2025 | 3,2     | A.Stein  |          | Scripts/Params.<br>ObjectJobResults<br>Settings JCT CheckBox | Check.Settings              | Doc:    | ResultClassification extendet with MultiLine Check (MLC)<br>When MultiLine Check (MLC) is activ<br>the result analysis is performed on the basis of multiple lines.<br>Collection of the lines are done by RegEx pattern criteria<br><br>Enhancement implemented by code extensions   |
| 04.02.2025 | 3,2     | J.Fes    |          | JobControl   | Ver.Info                    | New:    | Time Sheduler supports now definition TOverLap=n (sec)<br><br>When for example in Scheduler def TOverLap=120 is set then TimeScheduler evaluation<br>is using 120 sec as MaxTimeOverlab to calulate RightTime(max)<br><br>#Exa: [TP=10:30 TOverLap=120] then LeftTi.me(min)=10:30 .RightTime(max)=10:32<br>#Exa:<br>#Exa: if TPc=10:31:00 OK is returend -> process will be triggerd because TPc is btw. LeftTime(min) and RightTime(max)<br>#Exa: if TPc=10:29:59 NO is returend -> process will !NOT! be triggerd because TPc is before LeftTime(min)<br>#Exa: if TPc=10:32:10 NO is returend -> process will !NOT! be triggerd because TPc is after RightTime(max)<br><br>Enhancement implemented by code extensions |
| 18.12.2024 | 3,2     | J.Fes    |          | Admin  | Ver.Info                    | New:    | -Action "SystemTools_2017_07" -SubAction "UserData*"<br>With this methode you can save and restore user data into a File.<br><br>List of new SubAction:<br>-UserDataInputByUserAndSaveToFile<br>-UserDataRestoreFromFile<br><br>New Methodes are implemented by code extensions   |

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| 28.10.2024 | 3,2     | A.Becker |          | CommandLineArgs |                 | New:    | New command line argument <code>"/ServerNameOrIP"</code> for JobClient available.<br>Specifies the server to connect to by hostname or ip address.<br><br>#Example: <code>/ServerNameOrIP "servername"</code><br>#Example: <code>/ServerNameOrIP "servername.domain.tld"</code><br>#Example: <code>/ServerNameOrIP "192.168.1.53"</code>   |
| 28.10.2024 | 3,2     | A.Becker |          | CommandLineArgs |                 | New:    | New command line argument <code>"/PLMPerf_RootL_DP"</code> for JobClient available.<br>Specifies the root directory for local work data.<br>Doc Info: If not set, the environment variable <code>%PLMPerf_RootL_DP%</code> will be used if available.<br><br>#Example: <code>/PLMPerf_RootL_DP "C:\tmp\ProfileX"</code>  |
| 28.10.2024 | 3,2     | A.Becker |          | CommandLineArgs |                 | New:    | New command line argument <code>"/PLMPerf_ServerTcpPort"</code> for JobClient available.<br>Specifies the port to be used for <code>/PLMPerf_ServerNameOrIP</code> . Default: 36143 if not set.<br>Doc Info: If not set, the environment variable <code>%PLMPerf_ServerTcpPort%</code> will be used if available.<br><br>#Example: <code>/PLMPerf_ServerTcpPort 12345</code>   |
| 28.10.2024 | 3,2     | A.Becker |          | CommandLineArgs |                 | New:    | New command line argument <code>"/PLMPerf_ServerNameOrIP"</code> for JobClient available.<br>Alternative for <code>/PLMPerf_Root_DP</code> to specify the PLMPerf service server when no access to the configuration file is available.<br>Doc Info: If not set, the environment variable <code>%PLMPerf_ServerNameOrIP%</code> will be used if available.<br><br>#Example: <code>/PLMPerf_ServerNameOrIP "plmserver.domain.local"</code><br>#Example: <code>/PLMPerf_ServerNameOrIP "192.168.99.21"</code>                  |
| 28.10.2024 | 3,2     | A.Becker |          | CommandLineArgs |                 | New:    | New command line argument <code>"/PLMPerf_ProfileName"</code> for JobClient available.<br>Specifies the profile to be used within the PLMPerfV4 structure.<br>Doc Info: If not set, the environment variable <code>%PLMPerf_ProfileName%</code> will be used if available.<br><br>#Example: <code>/PLMPerf_ProfileName "CustomerNameShort"</code>  |
| 28.10.2024 | 3,2     | A.Becker |          | CommandLineArgs |                 | New:    | When <code>/PLMPerf_Root_DP</code> and <code>/PLMPerf_ProfileName</code> ( <code>%PLMPerf_Root_DP%</code> and <code>%PLMPerf_ProfileName%</code> ) are available, the JobClient switches to PLMPerf Configuration mode.<br>In this mode, the <code>ServerSettingsXML</code> is ignored and the service is parsed from the <code>PLMPerf_config.json</code> instead.<br><br>Alternatively <code>/PLMPerf_ServerNameOrIP</code> [ <code>/PLMPerf_ServerTcpPort</code> ] (or the same named environment variables) can be used. |
| 25.10.2024 | 3,2     | S.Gueth  |          | Admin           | UpdDb=No        | Change: | changed download addresses in updater to new web folders   |
| 26.09.2024 | 3,2     | J.Fes    |          | ObjectList      | Ver.Info        | Doc:    | Solving Issue exporting Data to Excel list when data in datagrid where listed in 'Group by Row mode'.<br>Issue is now solved by code changes<br><br>- more details about export data are printed into InfosSys.<br>- The method for naming export files has been intensively updated.<br>- JobMgr supports now NameSchema as global default<br>- And also defined by Process Groups ExportDocNameSchema<br>- see ProcessGroup -> "Process Group: default 'Name Schema' when exporting data"                                  |
| 18.09.2024 | 3,2     | S.Gueth  |          | CheckBox        | UpdDb=Yes       | Change: | removed 7 columns from <code>Attribute_CheckBoxDataCollection.xlsx</code> file<br>Removed Columns:<br>CadVerPre<br>CadVerPost<br>OnSite<br>OnComputer<br>Date<br>Time<br>PacketName  |
| 17.09.2024 | 3,2     | S.Gueth  |          | ObjectList      | UpdDb=No        | Change: | if you switch the process column without reloading the data, it could happen that sometimes the wrong JobLink / JobLog from a different process column has opened<br>Issue is now solved by code changes   |
| 29.07.2024 | 3,2     | S.Gueth  |          | Admin           | UpdDb=No        |         | added new query to get CPU utilization for oracle SQL Server from <code>v\$sysmetric_history</code> table  |

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| 25.07.2024 | 3,2     | J.Fes |          | Import Sites/Data<br>Import ObjectList<br>Settings | Ver.Info        | New:    | <p>JobServer Enhanced setting for import conditions</p> <p>see: Sites/Data Import<br/>     -&gt; Import Settings 3<br/>         -&gt; 1 - Import DS Types<br/>             -&gt; 1.10-Import Dataset Active<br/>             -&gt; 1.11-BOM Analyse check if IR has a BOM<br/>             -&gt; 1.12-BOM Analyse get BOM Data do execute</p> <p>This methode is implemented to be able to import only Items+Revision metadata<br/>#Doc: if you set 1.10+1.11+1.12=false then only Item+Revision metadata is imported no BOM Analyses will be done<br/>New Methode implemented by code extensions</p> |
| 24.07.2024 | 3,2     | J.Fes |          | Reports<br>Scripts/Params.<br>ObjectList           | Ver.Info        | Change: | <p>Application Datagrid enhanced</p> <ul style="list-style-type: none"><li>- Columes containing Day Data only are now sortable by day value</li><li>- all Columes in datagrids shows summary button</li></ul>   |
| 03.07.2024 | 3,2     | J.Fes |          |  | Ver.Info        | New:    | <p>JobClient allows now only to execute one instance at a time pointing to same JobClient root directory.</p> <p>This behaviour avoids:</p> <ul style="list-style-type: none"><li>- unexpected JobClient-JobServer communication</li><li>- unexpected JobResults</li></ul> <p>In case 2 second start is done:</p> <ul style="list-style-type: none"><li>- a beep is emitted</li><li>- a red message is written to the cmd windows</li><li>- the cmd window will close after 10 sec or after a key press</li></ul> <p>Enhancement implemented by code extensions</p>                                   |
| 13.06.2024 | 3,2     | J.Fes |          | Import Sites/Data<br>Import                        | Ver.Info        | Change: | <p>During Data Import/Update IR(n) counter value where always = 1<br/>For this reason, the estimate of the duration and the calculation of the percentages were incorrect.</p> <p>Issue is now solved by code changes</p>   |
| 31.05.2024 | 3,2     | J.Fes |          | Import Sites/Data<br>Import                        | UpdDb=Yes       | Change: | <p>Method for updating selected data in the JobServer has been revised</p> <p>Now JobServer checks also existing data found in JobMgr.DB.<br/>With this enhancment the datasync is improved when using.</p> <ul style="list-style-type: none"><li>- Objects List -&gt; Extra -&gt; Inport Data of Items/IRs</li></ul> <p>Changed Methode implemented by code extensions</p>   |
| 24.05.2024 | 3,2     | J.Fes |          | Import Sites/Data<br>Import                        | Ver.Info        | Change: | <p>JobServer Data Sysnc via<br/>-&gt; Sites/Data IMport -&gt; Sync.Site.Data -&gt; 10 - Sync.Site [Irs Only in JM.DB]<br/>Stoped with Exception convert DBNull into Typ String</p> <p>Issue is now solved by code changes</p>   |
| 09.05.2024 | 3,2     | J.Fes |          | JCT  | Ver.Info        | New:    | <p>-Action "SystemTools_2017_07" -SubAction "StopProcess"<br/>with this methode you can stop a process base on folowing conditions:</p> <ul style="list-style-type: none"><li>-StopProcessByPid</li><li>-StopProcessByProcessName</li><li>-StopProcessByFileSearch</li></ul> <p>New Methode implemented by code extensions</p>  |

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| 08.05.2024 | 3,2     | J.Fes   |          | JCT               | Ver.Info                   | Change: | ProcessTryStop support's now usage of ProcessObj.CloseMainWindow()<br>Methode is used in CMM,and in StopProcess<br><br>Details:<br>P.Kill.M1 try stop via: ProcessObj.CloseMainWindow()<br>P.Kill.M2 try stop via: ProcessObj.Kill()<br>P.Kill.M3 try stop via: shell: taskkill /F /T /PID #PID#<br>P.Kill.M4 try stop via: shell: wmic process where processid="#PID#" delete<br>Hint:P.Kill.M3 is only used if wmic found on host   |
| 26.04.2024 | 3,2     | J.Fes   |          | CheckBox          | Ver.Info                   | Doc:    | -Action "GB_SAPIntegration_2017_01" -SubAction "GB_SAPNxCBProcessVaril"<br>"CB-Step1" now uses NXVer1<br><br>Enhancment is implemented in JobMgrCmdTools.exe via code changes   |
| 17.04.2024 | 3,2     | J.Fes   |          | DB                | UpdDb=Yes                  | Doc:    | JobMgr Database performance optimised, when searching Data via O.need.Update + O.CO.Status<br> -> 'Object List' -> 'Spec' -> 'O.need Update'<br> -> 'Object List' -> 'Co' -> 'O.Check.Out.Status' - And-Or - 'IR.Check.Out.Status'<br><br>And Sync/Update data in JobMgr via<br> -> 'Sites/Data Import' -> 'Sync.Site.Data' -> '30 - Sync.Site [Data with O.Need.Upd]'<br> -> 'Sites/Data Import' -> 'Sync.Site.Data' -> '31 - Sync.Site [Checked Out Objects Only]'<br> -> 'Sites/Data Import' -> 'Sync.Site.Data' -> '32 - Sync.Site [DataO.NeedUpd + Checked Out Obj]'<br><br>Enhancement is done by create new Index Objects_tbl_IDX46 + Objects_tbl_IDX47 in JobMgr DB |
| 17.04.2024 | 3,2     | J.Fes   |          | JCT               | Ver.Info                   | Doc:    | -Action "NxDataProcessing_2013_09" -SubAction "NXMacroExecute;NXJournalExecute"<br>search pathes for run_journal.exe ugs_router.exe ugraf.exe updated<br>search pathes are now %UGII_BASE_DIR%\NXBIN;%UGII_NXBIN_DIR%;%UGII_ROOT_DIR%;%UGII_BASE_DIR%\UGII"<br><br>changes implemented by code extensions   |
| 15.04.2024 | 3,2     | S.Gueth |          | GUI ObjectList    | UpdDb=No                   | Change: | behavior for sorted columns in 'Objects List' grid has changed because of performance issues:<br>when you have more then 10000 objects loaded and sort the columns, cells with the same value will NOT merge into one big cell anymore<br>HINT: you can hold Shift + Ctrl Keys while pressing 'Search & List' button to force the cell merging, regardless of the amount of objects   |
| 25.03.2024 | 3,2     | S.Gueth |          | Settings CheckBox | UpdDb=No<br>Check.Settings | New:    | added setting '05.00 CB Data Collection Extension Name (short: #CBDataCollExt#, optional)' in CheckBox config settings<br>If defined, this extension name will be added to the data collection directories for 'attribute diffs', 'prototype volume diffs' and 'tiff merge collection'<br>Example directories and files:<br>#JobMgrDataOrg_Root_DP#\#SiteId#_TifMergCollection(#CBDataCollExt#)<br>#DataRootDir#\#Site#_DataCollection(#CBDataCollExt#)\Attribute_CheckBoxDataCollection(#CBDataCollExt#).xlsx<br>#DataRootDir#\#Site#_DataCollection(#CBDataCollExt#)\GeometricVolumeAnalyse_CheckBoxDataCollection(#CBDataCollExt#).xlsx                                  |
| 18.03.2024 | 3,2     | S.Gueth |          | GUI               | UpdDb=No                   | New:    | added new option in JobServer ObjectsList context menu<br>copy process data to text window (short)<br>copies process data of selected process columns into the text window in a shorter form (only res code, message and extended message)  |
| 29.02.2024 | 3,2     | S.Gueth |          | CheckBox          |                            | New:    | added CB Compair Section CB1Xml and CB2Xml  |
| 16.02.2024 | 3,2     | J.Fes   |          | Settings CheckBox | Ver.Info<br>Check.Settings | Doc:    | CheckBox Manager CheckBox:Compare<br>A problem occurred when starting or recalculating data with the CheckBox Manager.<br><br>Issue is now solved by code changes   |
| 13.02.2024 | 3,2     | A.Stein |          | GUI               | UpdDb=Yes                  | New:    | new parameter '/TaskInst' for JobServer<br>if set, the taskscheduler will only process tasks assigned to TaskInst<br>if not set, all tasks without defined TaskInst will be processed<br>wildcard (*) and multiple values are valid (seperated by ;)<br><br>#Exa: /TaskInst 'TcSync;TcUpdate*'  |

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| 13.02.2024 | 3,2     | A.Stein |          | GUI                 | UpdDb=Yes                  | New:    | <p>new column 'AssignedToTaskInst' for TaskSchedulerDef<br/>if set, the task will only be processed by the given TaskInstance</p> <p>#Exa:<br/>Task with value AssignedToTaskInst='TcSync' -&gt; will only be processed when JobServer Parameter /TaskInst is set to TcSync<br/>empty column -&gt; will only be processed when JobServer Parameter /TaskInst is not 'defined' or 'empty'</p>   |
| 12.02.2024 | 3,2     | A.Stein |          | JobControl          | UpdDb=Yes                  | New:    | <p>JobControl -&gt; JobComputer settings extendet<br/>Now you can manage the AutoReboot mode for each JobClient.<br/>Please look at: JobControl -&gt; JobComputer -&gt; New Colume: [C.AutoRebootDo]</p>   |
| 09.02.2024 | 3,2     | A.Stein |          |                     |                            | New:    | <p>Enhancement implemented by code extensions<br/>JobClient Console now prints Information about the Host Uptime and Reboot Requirements<br/>JobClient -&gt; Press key I</p>   |
| 09.02.2024 | 3,2     | A.Stein |          |                     | Ver.Info                   | Change: | <p>Shutdown.exe from windows system folder now will be used for rebooting JobServer/JobClient</p>  |
| 08.02.2024 | 3,2     | J.Fes   |          | JCT                 | Ver.Info                   | Doc:    | <p>Content in JobResult File: 'JobData2Result.xml' is minimced<br/>Now about 331 (n) lines less in any JobData2Result.xml<br/>Optimisation is implemented by code changes</p>  |
| 08.02.2024 | 3,2     | J.Fes   |          | JCT                 | Ver.Info                   | Doc:    | <p>-Action "JobDataEdit 2012_09" -SubAction "JobData2ResultsSetProcessValue+JobData3TempSetProcessValue"<br/>Is now setting the correct results values for entire JobData ('JobDataToProcess.xml')<br/>and save this into JobResult File: 'JobData2Result.xml'<br/>Issue is now solved by code changes</p>   |
| 29.01.2024 | 3,2     | S.Gueth |          | Settings            | UpdDb=No<br>Check.Settings | Change: | <p>JobMgr Mail Server configuration was moved from<br/>JobServer -&gt; Extra -&gt; Setup -&gt; 94 - JobManager Mail Server Configurations<br/>to<br/>JobServer -&gt; Extra -&gt; 11 - JobManager Mail Server Configurations</p>  |
| 19.01.2024 | 3,2     | S.Gueth |          | Settings CheckBox   | UpdDb=No<br>Check.Settings | New:    | <p>added CheckBoxSetting for Entities<br/>EN.TXT.DisplayValue difference for ignored attributes [Cond:WRN/ERR/NO]<br/>defines how to evaluate different text display values for entities texts that contains attributes that should be ignored<br/>this rule is only active when 'EN.Entity ignore attributes defined in '01 PH.Attributes ignore List' is on<br/>and only for entities that contain attributes that are defined in '01 PH.Attributes ignore List'<br/>- DiffReport_as_WRN: Differences will be reported as Waring (default)<br/>- DiffReport_as_ERR: Differences will be reported as Error.<br/>- DiffReport_NO.....: Differences will NOT be reported. Nothing will be written to the report file.</p>   |
| 19.01.2024 | 3,2     | S.Gueth |          | Settings CheckBox   | UpdDb=No<br>Check.Settings | New:    | <p>added CheckBoxSetting for Entities<br/>EN.Entity ignore attributes defined in '01 PH.Attributes ignore List' [Cond:YES/NO]<br/>defines if Entity data, that contains attributes in the text blocks, should be ignored when the same attribute is defined in<br/>the attributes ignore list [Default=false]" + vbCrLf +<br/>Example:"+vbCrLf+<br/>    PH.Attributes ignore List: NX_MassSource"+vbCrLf+<br/>                                BEARBEITER"+vbCrLf+<br/>                                PRKT"+vbCrLf+<br/><br/>    Entity 25 Text:"+vbCrLf+<br/>        &lt;Texts&gt;"+vbCrLf+<br/>            &lt;Text&gt;&amp;lt;WREF8*0@PRKT&amp;gt;&lt;/Text&gt;"+vbCrLf+<br/>        &lt;/Texts&gt;"+vbCrLf+<br/><br/>-&gt; this entity 25 will be ignored, because it contains attribute PRKT that is defined in PH.Attributes ignore List"<br/>furthermore text value (not display value) has to be equal</p> |
| 19.01.2024 | 3,2     | J.Fes   |          | JobControl          | Ver.Info                   | Doc:    | <p>JobServer JobControl Methode to generate JobPacketes is optimiced<br/>Optimisation is implemented by code changes</p>   |
| 10.01.2024 | 3,18    | A.Stein |          | JobControl Settings | Check.Settings             | New:    | <p>Added JobRules-&gt;JobDefExtended2-&gt;5.3 Minimum free memory on JC for Job (MB)<br/>Now its possible to define at JobRule miminum free memory on JobClient to get a new Job.<br/>#Doc: If the avaialable memory on the JobClient is lower than the defined value,<br/> -&gt; no job of this rule will be send to JobClient.</p>   |
| 05.01.2024 | 3,18    | A.Stein |          | JobControl          | Ver.Info                   | Change: | <p>Filtering of JobControl Rules via JC.J.Rule.filter by:'J.JobName'<br/>now can also be defined in multilines</p>   |
| 04.01.2024 | 3,18    | A.Stein |          | GUI                 | UpdDb=No                   | New:    | <p>Added RowEditTemplate for JobComputers</p>  |
| 15.12.2023 | 3,18    | A.Stein |          | GUI                 | UpdDb=No                   | New:    | <p>The global standard grid layouts can be updated and restored using the View-&gt;Save Global functions<br/>Enhancement implemented by code extensions</p>  |



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| 11.12.2023 | 3,18    | J.Fes   |          | Import Sites/Data<br>Import ObjectList               |                             | Doc:    | <p>When importing TC metadata into JobMgr<br/>Check: ERR_302_DSHasMultibleCADFiles where missing the count<br/>how many times the DS contains CADFiles in Dataset Named references.</p> <p>Issue is now solved by code changes</p> <p>Also the incorrect spelling is corrected<br/>from:ERR_302_DSHasMuticADFiles to:ERR_302_DSHasMultibleCADFiles</p>  |
| 11.12.2023 | 3,18    | S.Gueth |          | GUI ObjectList                                       |                             | New:    | <p>in JobManager Objects List you can now select an Object and hold 'P + Ctrl'<br/>this will print the selected job result of the current selected object<br/>you select different process columns to switch beween different results<br/>Hint:<br/>changed load behavior: Before you could only see the last job result, now you see the selected job result</p>   |
| 28.11.2023 | 3,18    | J.Fes   |          | ObjectList   | Ver.Info                    | Doc:    | <p>During eding Object status and using additonal option<br/>inc..AP-BOM Component + inc. Data of Item<br/>JobMgr stopped with an exception message.</p> <p>Issue is now solved by code changes</p>   |
| 24.11.2023 | 3,18    | J.Fes   |          | Scripts/Params.                                      | Ver.Info                    | Doc:    | <p>Partupdate process paramter '-compression=compresses/uncompresses'<br/>is now available also for part_utility.exe process</p>  |
| 21.09.2023 | 3,18    | A.Stein |          | GUI JobControl<br>Settings                           | UpdDb=No<br>Check.Settings  | New:    | <p>Now it's possible to activate automatic reboot when a JobServer/JobClient requires a reboot after windows-update.<br/>JobClient turns into FinishAndReboot state, so the reboot will not start until all running jobs are processed.<br/>JobServer will start the reboot after a timespan of 3 minutes. In this timespam the reboot can be canceled interactiv in the<br/>JobControl-UI<br/>Settings-Control: Extra-&gt;JobServer Active Control-&gt;Check Pending Reboot<br/>New Methode implemented by code extensions</p>   |
| 13.09.2023 | 3,18    | J.Fes   |          | Import Sites/Data<br>Import                          | UpdDb=Yes Ver.Info          | Doc:    | <p>During TC.Data Import/Update process JobServer check's now if ItemId with different<br/>puid is to insert to JobMgr Database.<br/>When this happens, the item is updated, the process data is restored and<br/>attached to the 'new' item.<br/>This enhancement avoids having duplicate items with same ItemId entries in the JobMgr database.</p> <p>Note: This issue occurred in TC.Databases where items were deleted and recreated with the same ItemId.<br/>Enhancement implemented by code extensions</p>  |
| 07.09.2023 | 3,18    | J.Fes   |          | DB Import Sites/Data<br>Import Reports<br>ObjectList | Ver.Info                    | Doc:    | <p>During some JobMgr.DB SQL operation the operations has faild<br/>because an SQL CommandTimeout were thrown.<br/>Now JobServer is using MSSQL_DB_CommandTimeout time as set in JobServer configurations.<br/>Enhancement implemented by code extensions</p>   |
| 05.09.2023 | 3,18    | J.Fes   |          | Import Sites/Data<br>Import                          | UpdDb=Yes Ver.Info          | Doc:    | <p>SiteData 'DataSync' checks now if ItemId is to be removed from JobMgr.DB<br/>Enhancement implemented by code extensions</p>  |
| 25.08.2023 | 3,18    | A.Stein |          | Settings JCT   | UpdDb=No<br>Check.Settings  | New:    | <p>-Action "PartUtility_2018_04" -SubAction "PartUpdateNativeViaFromToDir"</p> <p>Enhancement implemented by code extensions<br/>Added new Cla Parameters NativeBackup_Archiv_DP and NativBackupMethod<br/>Now its possible to backup files before partupdate<br/>NativeBackup_Archiv_DP defines the root to copy the files to<br/>when NativeBackup_Archiv_DP is not set, no backup will be done<br/>NativBackupMethod defines the folderstructure in the backup root<br/>possible values for NativBackupMethod:<br/>ViaPackageName (Default) -&gt; backup files will be copied in #Archiv_DP#/PacketName<br/>ViaFolderStructure -&gt; whole folderstructure will be recreate in Archiv_DP</p> |
| 25.08.2023 | 3,18    | A.Stein |          | Import Sites/Data<br>Import Settings                 | UpdDb=Yes<br>Check.Settings | New:    | <p>added NativeBackupRoot_DP to SiteDef_cls<br/>NativeBackupRoot_DP can be used to backup files by dedicated processes<br/>Enhancement implemented by code extensions</p>   |
| 14.08.2023 | 3,18    | S.Gueth |          | ObjectList   | UpdDb=No                    | Change: | <p>Object Groups in JobManager have not been updated in the database on changing the user column value<br/>Issue is now solved by code changes</p>  |

| Date       | Version | User    | Issue-Nr | Categorie                         | Additional Info | Type    | Description  |
|------------|---------|---------|----------|-----------------------------------|-----------------|---------|--|
| 10.08.2023 | 3,18    | J.Fes   |          | Admin Import<br>Sites/Data Import | Ver.Info        | New:    | <p>New Methode implemented for checking JobMgr DB Import Performance</p> <p>How to Use:</p> <ul style="list-style-type: none"><li>- Activtate Extra -&gt; '05 - Log ON/OFF'</li><li>- Now Log2Console should be active</li><li>- Start Importing Data</li><li>- PerfImport SQL File is now generated in "#JobMgr_Root_DP#\91-DATA.TempTransfer\JobMgr_Datasets_and_Irs_Import_PerfTest_230810_17h26m.sql"</li><li>- This SQL contains all sql statments that where used during 'Imnpport Process'</li><li>- Hint:search in Log2Console for 'Datasets_and_Irs_Import SQL.TestFile written in:' ther is the Infor where .sql file is written in</li><li>- Alternative you can open the folder via JobMgr.'File' -&gt; 'Open Folder 91-DATA.TempTransfer'</li></ul> <p>New Methode implemented by code extensions</p> |
| 02.08.2023 | 3,18    | S.Gueth |          | CheckBox                          | UpdDb=No        | Change: | <p>get correct sheet names for checkbox cgm files (.cgm)</p> <p>Issue is now solved by code changes</p>  |
| 27.07.2023 | 3,18    | S.Gueth |          | GUI                               | UpdDb=Yes       | Change: | <p>PLMPerfAnalyse tool crashed after generating a new event when visible was not defined</p> <p>Issue is now solved by code changes</p>  |
| 19.07.2023 | 3,18    | S.Gueth |          | CheckBox                          |                 | New:    | <p>If extract files are not found on opening CheckBox links via JobManager the replacing rules from the JobManager settings will now be used to find the extracted files</p>   |
| 13.07.2023 | 3,18    | J.Fes   |          | CheckBox                          | Ver.Info        | Change: | <p>-Action "CBTools_2012_05" -SubAction "CBMoveCBFilesToCBArchiv"</p> <p>CheckBox extract returns for CGM result now</p> <ul style="list-style-type: none"><li>- how many CGM files where extrated and moved into CBArchiv</li></ul> <p>#Example 2 CGM's where found [CGM:ff:YES] Extendet Message [CGM:ff:2]<br/>#Example 0 CGM's where found [CGM:ff:NO] Extendet Message [CGM:ff:0]</p> <p>Change implemented by code extensions</p>  |
| 06.06.2023 | 3,18    | J.Fes   |          | CheckBox                          | Ver.Info        | Doc:    | <p>-Action "CBTools_2012_05" -SubAction "CBMoveCBFilesToCBArchiv"</p> <p>Intensive software recoding where done to support existing and new CheckBox requirements.<br/>Enhancement implemented by code refactoring</p>   |
| 06.06.2023 | 3,18    | J.Fes   |          | Admin JobControl                  | Ver.Info        | Doc:    | <p>JobControl support's now use of JobDef.P.Stat(N,M) for setting O.P.Stat values</p> <p>#Example: if setting JobDef.P.Stat(N,M)='RUN.PStatKey1' is set then following Results will be evaluated:</p> <div><div>in case JobResult</div><div>O.P.Status will be set to</div><div>"OK" = D.PStatKey1.OK</div><div>"WRN" = D.PStatKey1.WRN</div><div>"ERR" = D.PStatKey1.ERR</div></div> <p>intent of this enhancment is that former setting [PStatKey=CB1.3] is not anymore required but still supported</p> <p>Enhancement implemented by code extensions</p>   |
| 21.04.2023 | 3,18    | S.Gueth |          | GUI                               | UpdDb=No        | New:    | <p>added function 'paste from clipboard' into centext menu of grid cells in the JobManager</p>   |
| 27.03.2023 | 3,18    | J.Fes   |          | CheckBox                          | Ver.Info        | Doc:    | <p>-Action "CBTools_2012_05" -SubAction "CBMoveCBFilesToCBArchiv"</p> <p>When using new NxCheckBox_*V.2.0.1.35.exe or higher (Example: NxCheckBox_64_CR2212_V.2.0.1.35.exe) then CB evaluation has been only evaluate Sections [JC:OK][NX.Syslog.END:OK][Move2Archiv:OK] all other sections [PL:OK][UF:OK][UD:OK][PH:OK][MD:OK][AS:OK][DR:OK][EN:OK][CBXml:OK] has been missing. Now all sections are avilable again.</p> <p>Issue solved by code changes</p>  |
| 24.03.2023 | 3,18    | J.Fes   |          | JobControl                        | Ver.Info        | Doc:    | <p>JobClient StartgUp Control enhanced</p> <p>Now it is possible to run multiple JobClients on the same JobComputer using the same JobServer instance.</p> <p>Enhancement implemented by code extensions</p>   |

| Date       | Version | User    | Issue-Nr | Categorie                 | Additional Info             | Type    | Description  |
|------------|---------|---------|----------|---------------------------|-----------------------------|---------|--|
| 20.03.2023 | 3,18    | S.Gueth |          | GUI                       | UpdDb=No                    | New:    | <p>added functionality to add or sync an top assembly and its components to JobManager Groups<br/>group name shema is: AP-{ItemRevOfTopAssembly}_{counter}<br/>Example.....: AP-4711/A_#001</p> <p>In JobServer select:<br/>Objects List -&gt; Extra -&gt; View all Datasets of NXAssembly<br/>Now there are 3 New options:<br/>- add Objects to New JobMgrGroup<br/>- add Objects to existing JobMgrGroup<br/>- sync Obj's with existing JobMgrGroup</p>  |
| 10.03.2023 | 3,18    | S.Gueth |          | Install and Setup         | UpdDb=No                    | Doc:    | <p>JobManager Updater enhancements:<br/>- added JobManager root directory to title<br/>- added button to reload local zip files<br/>- zip file size is shown in gui<br/>- directly update 10-Documentation.Application folder (nor archiving of this folder anymore)</p>   |
| 10.03.2023 | 3,18    | S.Gueth |          | CheckBox                  | UpdDb=No                    | Change: | <p>get correct names for checkbox archive files (.cgm) by using generic naming method<br/>issue solved by code changes</p>   |
| 10.03.2023 | 3,18    | S.Gueth |          | CheckBox                  | UpdDb=No                    | Change: | <p>get correct names for checkbox *_zz_NXSection.syslog file by using generic naming method<br/>Issue solved by code changes</p>   |
| 10.03.2023 | 3,18    | S.Gueth |          | Settings CheckBox         | UpdDb=No<br>Check.Settings  | New:    | <p>CheckBox Manager' -&gt; 'CB Config' -&gt; '01.3 CB Naming and Compare Setting'<br/>added option 'NamingV2_ByAutomation'</p> <p>Get Extract CheckBox File Names and CheckBox Compare Files By Automation<br/>- Extract CheckBox File Names are set automatically with 'NXVersion' and 'Version Change Info'<br/>  'Version Change Info' describes if the NXVersion on CheckBox load and NXversion on last save are equal or not<br/>  Example file Name for CheckBox Extract: Object1_#NX1992_#VCN.xml</p> <p>- For more information and how it behaves, see description in CheckBox Manager' -&gt; 'CB Config' for:<br/>-&gt; '01.3 CB Naming and Compare Setting'<br/>-&gt; '02.01.1 CB1 Extract File Identifyer' and '02.04.1 CB2 Extract File Identifyper'</p> |
| 09.02.2023 | 3,18    | A.Stein |          | JobControl                | UpdDb=Yes                   | New:    | <p>JobControl -&gt; JobComputer settings extendet<br/>Now you can set the JobClient in FinishAndReboot Mode from JobServer<br/>Please look at: JobControl -&gt; JobComputer -&gt; New Colume: [C.Reboot]</p>   |
| 16.12.2022 | 3,17    | J.Fes   |          | TaskScheduler             | UpdDb=Yes                   | Doc:    | <p>Tasksheduler Data definition colume 'ProcessTaskParameterPacket' // 'P.Param' remove<br/>because this data are not used but needet a lot of resources.</p> <p>Change implemented by code and SQL Scripts</p>  |
| 08.11.2022 | 3,17    | J.Fes   |          | ProcessGroups<br>Settings | UpdDb=Yes<br>Check.Settings | Doc:    | <p>JobServer: Number of ProcessGroups increased to 40.<br/>Now 40 generic process groups are avilable.<br/>Enhancement implemented by code extensions</p>  |
| 31.10.2022 | 3,1602  | J.Fes   |          | JCT                       | Ver.Info                    | New:    | <p>-Action "JobDataExtract_2013_10" -SubAction "InputListExtract"<br/>New option -orderBy is avilabel<br/>  -orderBy 'NOT' Defines the output file not to order.<br/>    The contend Is Like as the order in JobData1ToProcess.xml (Default)<br/>  -orderBy 'DES' Defines if the output file content is in 'descending' order<br/>  -orderBy 'ASC' Defines if the output file content is in 'ascending' order</p> <p>This methode can be used to order the output file content<br/>Enhancement implemented by code extensions</p>  |
| 24.10.2022 | 3,1602  | J.Fes   |          | JobControl                | Ver.Info                    | Doc:    | <p>JobServer -&gt; JobControl JobRules improved</p> <p>When JobContol-&gt; JobRules do selects Class 'Items'<br/>and JobRule where using Assembly sort order by Levels/Component where aktive then,<br/>JobControl rule did end with the Issue that no Job where created.<br/>The reason for this was that an incorrect SQL was generated for the selection of JobObjects.<br/>Issue is now solved by code changes.</p>  |



| Date       | Version | User    | Issue-Nr | Categorie         | Additional Info            | Type    | Description  |
|------------|---------|---------|----------|-------------------|----------------------------|---------|--|
| 20.10.2022 | 3,1602  | A.Stein |          | CommandLineArgs   |                            | New:    | -Action "PartUtility_2018_04" -SubAction "EXTRACT & EVALUATE"<br><br>Enhancement implemented by code extensions.<br>Added Parameter MFKKeyUse to process MFKDate in PU.<br>Important: MFK Definitions has to be added in ImportSettings3 for the Site.<br>Example: MFKKeyUse=Yes => @DB/4911/00 => @DB/%MFK#%,=item_id=4911,object_type=Z9_DesignStd/00. |
| 20.10.2022 | 3,1602  | J.Fes   |          | ObjectList        | Ver.Info                   | Doc:    | On delete Data from JobMgr a MessageBox<br>where displayed for 'each deleted Datarow'<br>with Text: 'unable to convert from ('null') to System.Int32'<br><br>Now the MessageBox is not displayed anymore<br>Issue is solved by code changes  |
| 18.10.2022 | 3,1602  | S.Gueth |          | JobControl        | UpdDb=No                   | New:    | JobControl 'Extendet Process State Control' support's now usage of J.ResMsgExt<br>Example:<br>[RuleID=ERR] [O.Type=*] [J.ResCode<>0] [J.ResMsg=*] [J.ResMsgExt=*SUCCESS*] [J.ResWarn=*] [P.Stat=D.ERR]<br>[P.Control=DeactivateJobRule]  |
| 13.10.2022 | 3,1602  | S.Gueth |          | CheckBox          | UpdDb=No                   | Change: | CheckBox Compare enhanced<br>skip ViewPartName check in Drawing Data, if one of the part names is nothing -> in older CheckBox Versions there was no partname<br><br>Issue is now solved by code changes   |
| 11.10.2022 | 3,1602  | S.Gueth |          | Settings CheckBox | UpdDb=No<br>Check.Settings | New:    | added setting '03.4 CB Compair File Custom Directory (optional)' in CheckBox Config Settings<br>will add a custom directory only for CheckBox Compair file (*CBDif.txt) at the end of the default path<br>Example<br>C:\root\path\site\12345\1234567\A\#CustomCBCompairDir#\NX12_NX10_CBDif.txt  |
| 07.10.2022 | 3,1602  | S.Gueth |          | Settings CheckBox | UpdDb=No<br>Check.Settings | New:    | added CB.Config PartHeader Setting 'PH.Attribute do Compare [Cond:YES/NO]'<br>defines if all Attribute data is to be compared [Default=True]<br>If false entire Attribute Section will !! NOT !! be compared   |
| 05.10.2022 | 3,1602  | J.Fes   |          | JobControl        | Ver.Info                   | Doc:    | JobControl Job generation output optimiced:<br>The output now contains fewer messages and is easier to read.<br><br>Enhancement implemented by code changes.   |
| 27.09.2022 | 3,1602  | S.Gueth |          | GUI               | UpdDb=Yes                  | New:    | added ability to set an Event to Visible or Not Visible and to change the Event Color in PLMPerf Analyse   |
| 26.09.2022 | 3,1602  | A.Stein |          | GUI ObjectList    |                            | New:    | Shortcuts has been added to ObjectList<br>ctrl+L => opens J.Log<br>ctrl+shift+L => opens JobLink<br>ctrl+E => opens ProcState EditWindow   |
| 22.09.2022 | 3,1602  | S.Gueth |          | GUI               | UpdDb=No                   | New:    | parameter '/DefaultTab' for JobServer<br>sets the given tab as the default tab, that is shown on JobServer startup<br>possible values:<br>ObjectList<br>JobControl<br>TaskScheduler<br>Reports<br>Scripts<br>ProcessGroups<br>Sites<br><br>Example:<br>/DefaultTab JobControl  |

| Date       | Version | User    | Issue-Nr | Categorie               | Additional Info            | Type    | Description  |
|------------|---------|---------|----------|-------------------------|----------------------------|---------|--|
| 22.09.2022 | 3,1602  | S.Gueth |          | GUI                     | UpdDb=No                   | New:    | parameter '/TabsVisible' for JobServer<br>If set, only given tabs will be visible in the JobServer<br>If not set, all tabs will be visible in the JobServer<br>multiple values are valid (seperated by char '+' -or- ';' -or- ',')<br>possible values:<br>ObjectList<br>JobControl<br>TaskScheduler<br>Reports<br>Scripts<br>ProcessGroups<br>Sites<br><br>Example:<br>/TabsVisible ObjectList+JobControl+TaskScheduler  |
| 20.09.2022 | 3,1602  | S.Gueth |          | Install and Setup Admin | UpdDb=No                   | Change: | changed archiv structure for JobManager Updater  |
| 16.09.2022 | 3,1602  | A.Stein |          | CommandLineArgs         | UpdDb=No                   | New:    | Now its possible to start PLMPerf with the Parameter -Config<br>PLMPerf will use the Settings in the -Config directory (ImportConfig;SettingsGlobal)<br>e.g. "..JobMgrStart.cmd -Config addPLM" => 01-PLMPerf.Custom.addPLM  |
| 14.09.2022 | 3,1602  | J.Fes   |          | JCT                     | Ver.Info                   | New:    | -Action "JobDataExtract_2013_10" -SubAction "InputListExtract"<br>New filters are avilabel via new parameters<br>-includeDataFilter: Defines include filter where #DataFilterFormat#.Value is like 'includeDataFilter'<br>-excludeDataFilter: Defines exclude filter where #DataFilterFormat#.Value is NOT like 'excludeDataFilter'<br>-DataFilterFormat.: Defines the content where include/exclude DataFilter is used to filter the Data<br><br>This methode can be used to filter the extracted data from JobData1ToProcess.xml<br>Enhancement implemented by code extensions   |
| 04.09.2022 | 3,1602  | J.Fes   |          | JobControl              | Ver.Info                   | Doc:    | JobServer -> JobControl JobRules improved<br><br>When JobContol-> JobRules do selects Items<br>then Item J.Packet size (count) was not exactly adopted.<br>Also it is expected that Item selection performance is improved,<br>because the item data SQL could be simplified (Join Revision Data deactivated).   |
| 29.08.2022 | 3,1602  | J.Fes   |          | CheckBox                | Ver.Info                   | Doc:    | -Action "CBTools_2012_05" -SubAction "Compair2XmlFiles"<br><br>CheckBox: Assembly find reference component enhanced.<br>Now following matching conditions are used for all components<br><br>- 1st C1_HandleAndCompProps both comp has same Handle ID + Properties:Matrix+ComponentLevel+Callout+InstanceName<br>- 2nt C2_CompProp both comp has same Properties:Matrix+ComponentLevel+Callout+InstanceName<br>- 3rd C3_Handle both comp has same Handle ID<br>- 4th C4_FileProp both comp has same FileProp:Matrix+File_PN+File_PRN<br><br>If 2-components did match then comparation for this 2 matching compoents will be done. |
| 29.08.2022 | 3,1602  | J.Fes   |          | Settings CheckBox       | Ver.Info<br>Check.Settings | Doc:    | -Action "CBTools_2012_05" -SubAction "Compair2XmlFiles"<br><br>CheckBox: Compair settings enhanced.<br>Now it is posible to contol via CheckBox compare settings:<br>- if Assembly Handle.ID is to be compared [On diff:Default=WRN]<br>- if Assembly Instance.Handle.ID is to be compared [On diff:Default=WRN]<br><br>If 2-components did match then comparation for this 2 matching compoents will be done.<br>Enhancement implemented by code extensions   |
| 24.08.2022 | 3,1602  | S.Gueth |          | CheckBox                | UpdDb=No                   | Change: | changed display names in the CheckBox Manager (select combo box) from filename to cli name   |
| 23.08.2022 | 3,1602  | S.Gueth |          | Install and Setup       | UpdDb=No                   | Change: | Changed logic of Jobmanager Updater for faster updates and checking for readonly files   |
| 22.08.2022 | 3,1602  | S.Gueth |          |                         |                            | New:    | logged in users for PLMPerf measurement are now fetched from the TeamCenter database by default<br>HINT: the TC Site settings must be provided in the JobRule for the perf measurement   |

| Date                           | Version                                     | User    | Issue-Nr | Categorie                     | Additional Info | Type    | Description  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
|--------------------------------|---|---------|----------|-------------------------------|-----------------|---------|--|----------|----------|-----------|------------|---------------|------------------|---------------------------|---------------------|----------------------------|---|-----------------------------|----------------------|--------------------------------|------------------|------------------------------|-----------------|------------------------|----------|
| 18.08.2022                     | 3,1602                                      | J.Fes   |          | JCT                           | Ver.Info        | Change: | <p>NX.syslog section parser optimized<br/>Now the NX.sections will be better selected and interpreted.<br/>Also the content is easier to read.<br/>because Not required Nx.syslog data lines are filtered out.</p> <p>Also Syslog file naming syntax changed<br/>- from: '#CLIName#_zz_NXSyslogSection.txt'<br/>- to...: '#CLIName#_zz_NXSection.syslog'</p> <p>Enhancement implemented by code extensions</p>   |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| 09.08.2022                     | 3,1602                                      | J.Fes   |          | JCT                           | Ver.Info        |         | <p>-Action "PartUtility_2018_04" -SubAction "EVALUATE"<br/>Resultsection NX.Section PU.NX.Syslog where not correct interpreted<br/>when TC.Side is defined as MFK site<br/>Please check new setting '05-Use for MFK Objects - MFKKey for NX.syslog section identification'</p> <p>Issue is now solved by code changes</p>  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| 05.08.2022                     | 3,1602                                      | J.Fes   |          | JCT                           | Ver.Info        | Change: | <p>-Action "CBTools_2012_05" -SubAction "CBMoveCBFilesToCBArchiv"<br/>Since NxCheckBox V2.0.2.33 (NX CR2007) CB_RunExtractDataLog.txt file content changed<br/>For this reason CB_RunExtractDataLog.txt section parser needed to be enhanced.<br/>Now Sections are identified by Key Start Check at</p> <p>Issue is now solved by code changes</p>   |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| 26.07.2022                     | 3,1602                                      | S.Gueth |          | JCT CheckBox                  |                 | Change: | <p>on CheckBox Extract and CheckBox Compair it will be checked if length of object cli name is bigger then 45 chars<br/>if yes, the puid of object will be added at the front of the extracted xml file and the base name will be cut to 10 characters<br/>Example:<br/>old xml name: PSL.L.Forklift_truck_LINDE_like_H100_1200_large_AA_master_PSL.L.Forklift_truck_LINDE_like_H100_1200_large-AA_#NX2206.xml<br/>new xml name: RoLAlgqpYrm\$UB-PSL.L.Forkl-AA_#NX2206.xml</p>  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| 25.07.2022                     | 3,1602                                      | S.Gueth |          | JCT CheckBox                  | UpdDb=No        | Change: | added 'Move2Archiv' result section in CheckBox extract process   |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| 21.07.2022                     | 3,1602                                      | S.Gueth |          | DB                            | UpdDb=Yes       | Change: | changed length of column 'Value' in datatable 'DrawingIndexingSearch_tbl' from length from 2000 to max,pleas update datatable  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| 20.07.2022                     | 3,1602                                      | J.Fes   |          | JCT                           | Ver.Info        | New:    | <p>-Action "JobDataExtract_2013_10" -SubAction "JobDataList"<br/>Is new -SubAction "JobDataList" enables you to list JobData contained in JobData1ToProcess.xml.<br/>Please see also Parameter: '-JobDataFilter_ObjectClass=I,IR,DS,Nativ'<br/>Please see also Parameter: '-JobDataFilter_SiteOwning=O,R'</p> <p>New Methode implemented by code extensions</p>  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| 05.07.2022                     | 3,1602                                      | J.Fes   |          | JobControl<br>Scripts/Params. | Ver.Info        | Change: | <p>JobServer #Variables# extendet with:</p> <table><tr><td>Variable</td><td>Example:</td></tr><tr><td>#DateNow#</td><td>10.12.2021</td></tr><tr><td>#DateTimeNow#</td><td>10.12.2021 11:15</td></tr><tr><td>#DateTimeNow_DDMMYYYYHMS#</td><td>10.12.2021 11:15:20</td></tr><tr><td>#DateTimeNow_ForSqlServer#</td><td>Convert(datetime,'2021-12-10 11:15:24',120)</td></tr><tr><td>#DateTimeNow_ForFileExtend#</td><td>2022-07-05_09h15m24s</td></tr><tr><td>#DateTimeNow_yyyy-MM-dd-HH-mm#</td><td>2022-07-05-09-15</td></tr><tr><td>#DateTimeNow_yyyyMMdd-HHmms#</td><td>20220705-091524</td></tr><tr><td>#DateTimeNow_yyyyMMdd#</td><td>20220705</td></tr></table> <p>The new #Variables# can be used to insert current DateTime into .cmd .txt .sql files JobServer Datum<br/>see also 95-JobServer_Scripting_Help\10-JobManagerV3_Docu_Setup_GitterVariablen.txt<br/>Enhancement implemented by code extensions</p> | Variable | Example: | #DateNow# | 10.12.2021 | #DateTimeNow# | 10.12.2021 11:15 | #DateTimeNow_DDMMYYYYHMS# | 10.12.2021 11:15:20 | #DateTimeNow_ForSqlServer# | Convert(datetime,'2021-12-10 11:15:24',120) | #DateTimeNow_ForFileExtend# | 2022-07-05_09h15m24s | #DateTimeNow_yyyy-MM-dd-HH-mm# | 2022-07-05-09-15 | #DateTimeNow_yyyyMMdd-HHmms# | 20220705-091524 | #DateTimeNow_yyyyMMdd# | 20220705 |
| Variable                       | Example:                                    |         |          |                               |                 |         |  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| #DateNow#                      | 10.12.2021                                  |         |          |                               |                 |         |  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| #DateTimeNow#                  | 10.12.2021 11:15                            |         |          |                               |                 |         |  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| #DateTimeNow_DDMMYYYYHMS#      | 10.12.2021 11:15:20                         |         |          |                               |                 |         |  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| #DateTimeNow_ForSqlServer#     | Convert(datetime,'2021-12-10 11:15:24',120) |         |          |                               |                 |         |  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| #DateTimeNow_ForFileExtend#    | 2022-07-05_09h15m24s                        |         |          |                               |                 |         |  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| #DateTimeNow_yyyy-MM-dd-HH-mm# | 2022-07-05-09-15                            |         |          |                               |                 |         |  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| #DateTimeNow_yyyyMMdd-HHmms#   | 20220705-091524                             |         |          |                               |                 |         |  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| #DateTimeNow_yyyyMMdd#         | 20220705                                    |         |          |                               |                 |         |  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| 04.07.2022                     | 3,1602                                      | J.Fes   |          | Admin                         | UpdDb=No        | New:    | <p>Executing SQL via SQLCMD support's now SSL Encryption<br/>IMplemented via adding '-N' to SQLCMD comandline parameter</p> <p>Enhancement implemented by code extensions</p>  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |
| 28.06.2022                     | 3,1601                                      | J.Fes   |          | ObjectList                    | UpdDb=Yes       | New:    | <p>JobServer now analyses if TC Object contains MFK Keys<br/>Enhancement implemented by code extensions</p>  |          |          |           |            |               |                  |                           |                     |                            |   |                             |                      |                                |                  |                              |                 |                        |          |

| Date       | Version | User    | Issue-Nr | Categorie                              | Additional Info | Type    | Description   |
|------------|---------|---------|----------|--|-----------------|---------|---|
| 28.06.2022 | 3,1602  | J.Fes   |          | JCT CheckBox                           | Ver.Info        | New:    | <p>CheckBox Compare enhanced<br/>New setting for disable AUID Check in ViewPartName comperation<br/>Please see Cat04_DrawingData-&gt; DR.View.ViewPartName check USE AUID Cond[True/False]</p> <p>Enhancement is implemented by code extensions</p>   |
| 12.06.2022 | 3,1601  | J.Fes   |          | ObjectList                             | Ver.Info        | Doc:    | <p>JobServer did throw an Issue when data has been filterd in Datagrid.<br/>Issue is now solved by code changes</p>   |
| 10.06.2022 | 3,1601  | J.Fes   |          | GUI                                    | Ver.Info        | Change: | <p>JobServer file menu was reorganized<br/>Change is done to get more easy to the subdirectory used via PLMJobManager solution</p> <p>Enhancement implemented by code changes</p>   |
| 10.06.2022 | 3,1601  | J.Fes   |          | ObjectList                             | UpdDb=Yes       | Change: | <p>JobServer 'Object Liste' -&gt; 'Obj.in.Gr(s)' now sorted</p> <p>In JobServer 'Object Liste' Data in Colume 'Obj.in.Gr(s)' are now Alpha Numeric sorted.<br/>Example Data in 'Obj.in.Gr(s)' = GR01, GR10, GR20, GrZZ100<br/>Enhancement implemented by SQL Script changes --&gt; please Update Database</p>   |
| 24.03.2022 | 3,1601  | S.Gueth |          | ObjectList                             | UpdDb=Yes       | New:    | <p>You can now edit the ObjectAttribut01..10 directly in the Objectjects list of the JobServer</p>  |
| 21.03.2022 | 3,1601  | J.Fes   |          | Import                                 | Ver.Info        | Change: | <p>JobServer did not read the 'File Size' correct.<br/>Issue is now solved by code changes</p>  |
| 28.02.2022 | 3,1601  | S.Gueth |          | GUI                                    |                 | New:    | <p>Object's can be searched via<br/>- Process Category</p>  |
| 18.01.2022 | 3,1601  | J.Fes   |          | Import Sites/Data<br>Import ObjectList | UpdDb=Yes       | Change: | <p>JobServer Attributes Definitions enhanced</p> <p>It is now Possible to define in each AttrDef<br/>if the Attributes Def is used for 'Item' 'ItemRevision' 'Datasets'.<br/>More Details please review infos in Sites Attribute def.</p> <p>Searching data via Attributes values supports now:</p> <ul style="list-style-type: none"><li>- on Items Attributes finds data only on Items</li><li>- on ItemRevision Attributes finds data only on ItemRevision</li><li>- on Datasets Attributes finds data on Datasets and on ItemRevision</li></ul> <p>Enhancement implemented by code extensions</p> |
| 29.12.2021 | 3,1601  | J.Fes   |          | JCT                                    | Ver.Info        | Change: | <p>-Action "CMM2NX_2021_06" -SubAction "CMM_InpListGen"<br/>Rules for comandline arg '-SkipBOMCheckBeforeCMM_YESNO' is now handelt independet of comandline arg '-force'<br/>If comandline arg -SkipBOMCheckBeforeCMM_YESNO='NO' then BOM Check result will be used and not anymore overwritten by comandline arg '-force'</p> <p>Hint: if you want to force inserting all Data into CMM input list then please set comandline args: -SkipBOMCheckBeforeCMM_YESNO='YES' and -force</p> <p>New Methode implemented by code extensions</p>  |
| 22.12.2021 | 3,1601  | J.Fes   |          | Import                                 | Ver.Info        |         | <p>JobServer did not analysed NX.prt via ugpc.exe</p> <p>Issue is now solved by code changes</p>  |
| 16.12.2021 | 3,1601  | A.Stein |          | CommandLineArgs                        | UpdDb=No        | New:    | <p>-Action "CMM2NX_2021_06" -SubAction "CMM_InpListGen"<br/>Added CommandLineparameter for SubAction CMM_InpListGen: GroupKeyNameForMissingSubComps<br/>if GroupKeyNameForMissingSubComps is defined, a Group will be created/updated with all missing SubComps<br/>Enhancement implemented by code extensions</p>  |
| 13.12.2021 | 3,1601  | J.Fes   |          | JCT                                    | Ver.Info        | New:    | <p>-Action "TcExtractData_2013_10" -SubAction ""<br/>JobClient gets now automatically deactivated when try to get Data from TC<br/>but an issue appiears while connecting to TC.DB</p> <p>Enhancement implemented by code extensions</p>  |
| 07.11.2021 | 3,1601  | J.Fes   |          | ObjectList                             | Ver.Info        | Change: | <p>JobServer Objects List supports data row hight resizing.<br/>Each datarow can have individual row hight.<br/>Enhancement implemented by code extensions</p>  |

| Date       | Version | User    | Issue-Nr | Categorie                      | Additional Info            | Type    | Description  |
|------------|---------|---------|----------|--------------------------------|----------------------------|---------|--|
| 07.11.2021 | 3,1601  | J.Fes   |          | ObjectList<br>ObjectJobResults | Ver.Info                   | New:    | JobServer Objects Liste contains now new Data Colume: P.Time Dur sec<br><br>Show values are:<br>If 'P.Time.Start' not set or not valid value = -1<br>If 'P.Time.End' not set or not valid value = -2<br>If 'P.Time.End > P.Time.Start' is valid = datediff(SECOND,['P.Time.Start'],['P.Time.End'])<br>in any other case value = -3<br><br>Enhancement implemented by code extensions |
| 26.10.2021 | 3,1601  | A.Stein |          | Admin Settings JCT             | Check.Settings             | Doc:    | option "Ensuring parsing value" added in result classification rules<br>If this property is set to true, it is ensured that the value is parsed from the sourec text.  |
| 20.10.2021 | 3,1601  | J.Fes   |          | JCT                            | Ver.Info                   | Doc:    | -Action "TCTools_2019_07" -SubAction "TCPBDataImport"<br>Process result evaluation enhanced when Option -NamedRefFileNameSchema is used.<br>During result evaluation methode is now searching/checking<br>in 'IR' -> 'Dataset' -> 'NamedReference' for referenced NamedRefFile<br><br>Enhancement is implemented by code extensions  |
| 16.10.2021 | 3,1601  | J.Fes   |          | JCT                            | Ver.Info                   | Doc:    | -Action "CMM2NX_2021_0" -SubAction "CMM_ResultEval"<br>Methode to find Object CMMReports.xml improved<br><br>Enhancement implemented by code extensions  |
| 15.10.2021 | 3,1601  | J.Fes   |          | JobControl                     | Ver.Info                   | Doc:    | JobServer Object need update trigger (before/after the Job) where not correct handelt.<br>In case the JobRule setting for<br>'Job Def Extended 2' -> '3.1 New Job Process DataHandel' where set to 'AddEdit0No'<br><br>Issue is now solved by code changes   |
| 24.09.2021 | 3,1601  | A.Stein |          | Settings JCT                   | Ver.Info<br>Check.Settings | New:    | -Action "CMM2NX_2021_06" -SubAction "CMM_OptionFileEdit"<br>New Option -CMMOpt_TemplateEdit_YESNO avilabel<br>if 'YES' then Model,Assembly,Drawing-TemplateNames will be edit in CMM-Optionfile. Default = NO<br><br>New Option implemented by code extensions   |
| 24.09.2021 | 3,1601  | A.Stein |          | Settings JCT                   | Ver.Info<br>Check.Settings | New:    | -Action "CMM2NX_2021_06" -SubAction "CMM_OptionFileEdit"<br>New Option -CMMTimeOutInMinutes avilabel<br>If this Timespan will be reached the CMM Process will terminate for this Object.<br>When this timeout is reached, then Process-ResCode is set to='CMMLog-004'<br>New Option implemented by code extensions   |
| 14.09.2021 | 3,1601  | J.Fes   |          | JobControl                     | Ver.Info                   | Change: | When a new 'JobControl.Rule' is created then Max<br>Default values for:<br>AP.O.Min.Comp 'SelObjectsBy_MinComponents' (Old default=0)<br>O.Max.Comp 'SelObjectsBy_MaxComponents' (Old default=6000)<br>not set anymore<br><br>Change is done by code extensions  |
| 26.08.2021 | 3,1601  | J.Fes   |          | JCT                            | Ver.Info                   | Change: | During result evaluation any R.Msg containing linefeeds (vbCrLf,vbLf)<br>will be replaced with following rules<br>- vbCrLf '!CrLf!'<br>- vbLf '!Lf!'<br><br>Enhancement implemented by code extensions   |
| 12.08.2021 | 3,1601  | S.Gueth |          | Settings JCT                   | Check.Settings             | New:    | -Action "CMM2NX_2021_06" -SubAction "CMM_ResultEval"<br>added Fidelity check of CMMReport XML file   |
| 28.07.2021 | 3,1601  | J.Fes   |          | ObjectList                     | Ver.Info                   | Change: | NXBOM_Analyse is now parsing correct pathes from UGII_LOAD_OPTION file<br>Issue is now solved by code changes  |
| 14.05.2021 | 3,1503  | S.Gueth |          | Scripting                      |                            | New:    | JobClient will set the number of current running Jobs to the Environment Variable JobMgr_ProcessesJobsN<br>this can be used in the JobScripts cmd files  |



| Date       | Version | User    | Issue-Nr | Categorie                            | Additional Info            | Type    | Description  |
|------------|---------|---------|----------|--------------------------------------|----------------------------|---------|--|
| 21.04.2021 | 3,1503  | J.Fes   |          | Import Sites/Data<br>Import Settings | Ver.Info<br>Check.Settings | New:    | JobServer TC.Site definitions enhanced<br>It is now posible to define TC Table mappings.<br><br>Please see settings:<br>Sites/ Data Import -> SiteDef -> 7.02 - TC Table mapping<br><br>Settings can be used to map to correct project table via define setting<br>PPROJECT_LIST=PPROJECT_LIST_0<br><br>Enhancement implemented by code extensions   |
| 21.04.2021 | 3,1503  | J.Fes   |          | Import Sites/Data<br>Import          | UpdDb=Yes                  | Doc:    | Site Data Import support now import TC.Project data for 'Items' and 'Item Revisions'<br>Befor this enhancment TC.Project data where only supported for TC Datasets<br>Enhancement implemented by code extensions   |
| 20.04.2021 | 3,1503  | S.Gueth |          | Import Sites/Data<br>Import          | UpdDb=Yes                  | New:    | added import filter for projects in:<br>Sites/Data Import -> Import Settings 2 -> Import Project Search Names<br>you can define project filters for the import   |
| 19.04.2021 | 3,1503  | S.Gueth |          | JobControl Settings                  | UpdDb=No<br>Check.Settings | New:    | now you can define email configurations in JobServer under Extra -> 12 - JobManager EMail configurations<br>this EMail configs can be used to send EMail for JobControl Aciv Status Rules<br>check settings under Extra -> 09 - JobControl Activ Status Rules Edit   |
| 13.04.2021 | 3,1503  | J.Fes   |          | Settings JCT                         | Ver.Info<br>Check.Settings | Change: | -Action "CMM2NX_2021_06" -SubAction "CMM_InpListGen"<br>Option -CMM_InpList_DPNE removed and replaced by CMM_InpListMetr_DPNE<br><br>Issue is now solved by code changes<br>New Methode implemented by code extensions<br>Enhancement implemented by code extensions   |
| 13.04.2021 | 3,1503  | J.Fes   |          | Settings JCT                         | Ver.Info<br>Check.Settings | Change: | -Action "MigIdeas2NX_2013_10" -SubAction "CMM_InpListGen"<br>Option -CMM_InpList_DPNE removed and replaced by CMM_InpListMetr_DPNE<br><br>Issue is now solved by code changes<br>New Methode implemented by code extensions<br>Enhancement implemented by code extensions  |
| 12.04.2021 | 3,1503  | J.Fes   |          | Settings JCT                         | Ver.Info<br>Check.Settings | New:    | -Action "MigIdeas2NX_2013_10" -SubAction "CMM_InpListGen"<br>New rule avilable commandline for CMM commandline options<br><br>-Status_CMMInitial<br>-Status_CMMApproved<br>-Status_CMMFailed<br><br>If value is set to 'CMM_Status\$NotUsed' then status is not used and not evaluated<br>This value is to be set when CMM process do not uses CMM status rules.<br><br>Enhancement implemented by code extensions |
| 12.04.2021 | 3,1503  | J.Fes   |          | Settings JCT                         | Ver.Info<br>Check.Settings | New:    | -Action "MigIdeas2NX_2013_10" -SubAction "CMM_InpListGen"<br>New rule avilable commandline for CMM commandline options<br><br>-Status_CMMInitial<br>-Status_CMMApproved<br>-Status_CMMFailed<br><br>If value is set to 'CMM_Status\$NotUsed' then status is not used and not evaluated<br>This value is to be set when CMM process do not uses CMM status rules.<br><br>Enhancement implemented by code extensions |
| 30.03.2021 | 3,1503  | J.Fes   |          | ObjectList                           | UpdDb=No                   | Change: | Removing Item Data from Groups did end in an exception<br>Issue is now solved by code changes  |
| 18.03.2021 | 3,1503  | S.Gueth |          | CommandLineArgs<br>Settings          | Check.Settings             | New:    | added JobClient paremeter JobMgr_JCAliasName for JobClient<br>defines the name of the current jobclient, if not set, the current computername will be used<br>Exa1: /JobMgr_JCAliasName "%Computername%.TCPLMT"<br>Exa2: /JobMgr_JCAliasName "%Computername%.TCPLMP"   |

| Date       | Version | User    | Issue-Nr | Categorie                            | Additional Info             | Type | Description  |
|------------|---------|---------|----------|--------------------------------------|-----------------------------|------|--|
| 16.03.2021 | 3,1503  | J.Fes   |          | Import Sites/Data<br>Import Settings | Check.Settings              | New: | added new option in: JobServer -> Sites -> ImportSettings 3<br>5.04 - JM-TC.Sync:Check only addNew and to remove Data (Quick Sync)<br>If the value is 'true' Sync will:<br>- only search for new data or data need to be removed<br>- propertys values (LastMod Date..) will not be compared<br>If the value is false this setting is ignored<br>Hint: This setting is desinged for getting fast:<br>- missing data to JobMgr 'chk add new'<br>- remove data from JobMgr not exist in TC anymore                                       |
| 16.03.2021 | 3,1503  | J.Fes   |          | Import Sites/Data<br>Import Settings | Check.Settings              | New: | added new option in: JobServer -> Sites -> ImportSettings 3<br>5.03 - JM-TC.Sync:include LastSaveDate check<br>If the value is true, LastSaveDate is used when comparing JM.DB with TC.DB data.<br>If the value is false, LastSaveDate is NOT used   |
| 03.03.2021 | 3,1502  | S.Gueth |          | JobControl Settings                  | UpdDb=Yes<br>Check.Settings | New: | JobControl Rules enhanced<br>new setting '3.5: JobMgr Activ Control - Percentage ERR Rate' and '3.6: JobMgr Activ Control - Absolute ERR Count'<br>you can define rules to control active status for JobControlRules // ProcessGroups // JobClients // Site<br>that rules will be triggered when the percentage/absolute error rate of the Job is higher than the defined value  |
| 03.03.2021 | 3,1502  | S.Gueth |          | GUI ObjectList                       |                             | New: | added filter Imp. WRN/ERR Msg. to JobManager Objects List Filter<br>-> Objects List<br>-> Spec<br>-> OImp. WRN/ERR Msg.:   |
| 05.02.2021 | 3,1502  | S.Gueth |          | ProcessGroups<br>Settings            | Check.Settings              | New: | ProcessGroups Enhanced with new option JobGenreation Active<br>Defines if 'JobGeneration' which belonging to Process group is active.<br>#Doc:<br>if value 'False' no new job will be generated (Default is 'True')<br>Hint:<br>Process Group must also be active to enable JobGeneration.   |
| 04.02.2021 | 3,1502  | S.Gueth |          | JobControl Settings                  | UpdDb=No<br>Check.Settings  | New: | JobControl Rules enhanced<br>now you can define rules to control active status for JobControlRules // ProcessGroups // JobClients // Sites in a JobControl Rule<br>this rules will be triggered by "JobControl Rule" -> "Extendet Process State Control" -> [P.Control=#RuleName#]<br>Example:<br>[RuleID=ERR] [O.Type=*] [J.ResCode<>0] [J.ResMsg=*] [J.ResWarn=*] [P.Stat=D.ERR] [P.Control=DeactivateJobRule]<br>--> this will trigger the rule 'DeactivateJobRule' when an object has result code <> 0                             |
| 04.02.2021 | 3,1502  | S.Gueth |          | JobControl                           | UpdDb=No Ver.Info           | New: | JobControl 'Extendet Process State Control' support's now usage of P.Control definition<br>Syntax [P.Control=#RuleName#]<br>Can be used to trigger a specific JobControlActivRule that is defined in 'Job Control Rules' -> 'Job Def Extended 2' -> '3.4: JobMgr - Activation Status Control'<br>Example:<br>[RuleID=ERR] [O.Type=*] [J.ResCode<>0] [J.ResMsg=*] [J.ResWarn=*] [P.Stat=D.ERR] [P.Control=DeactivateJobRule]<br>--> this will trigger the rule 'DeactivateJobRule' when an object has result code <> 0                  |
| 14.12.2020 | 3,1502  | S.Gueth |          | Import Sites/Data<br>Import Settings | UpdDb=No<br>Check.Settings  | New: | added setting '9-Import All Dataset Types' in Sites -> ImportSettings3<br>if set to TRUE, all dataset types will be imported (default is FALSE)  |
| 09.12.2020 | 3,1502  | A.Stein |          | JCT                                  |                             | New: | -Action "???" -SubAction "???"<br><br>Issue is now solved by code changes<br>New Methode implemented by code extensions<br>Enhancement implemented by code extensions  |
| 18.11.2020 | 3,1502  | J.Fes   |          | JobControl                           | Ver.Info                    | New: | Replacment Variable extendet with<br>- #JobRule.JobName# it replaces JobControlRules J.JobName<br>- #Exa: if used JobRule has Name 'JobUpdatePart' then #JobRule.JobName# is replaced by 'JobUpdatePart'<br>- #JobRule.ProcessDataPState# it replaces JobControlRules 'P.' + 'J.JobName'<br>- #Exa: if used JobRule has Name 'JobUpdatePart' then #JobRule.ProcessDataPState# is replaced by 'P.JobUpdatePart'<br>This extendet variable can be used in Extendet JobObject selection<br><br>Enhancement implemented by code extensions |

| Date       | Version | User    | Issue-Nr | Categorie                            | Additional Info | Type    | Description   |
|------------|---------|---------|----------|--------------------------------------|-----------------|---------|---|
| 12.11.2020 | 3,1502  | J.Fes   |          | Settings JCT                         | Check.Settings  | New:    | <p>-Action "PLMPerfSyslogParser_2012_01" -SubAction "ViaNxSyslog"</p> <p>If in PLMPerfApplication 'Setup Data Import' setting<br/>Import Type is set to value: 'PerformanceLog with UserCount'<br/>then this SubAction will also trigger to collect UserCount value</p> <p>Enhancement implemented by code extensions</p>   |
| 14.10.2020 | 3,1502  | S.Gueth |          | JCT                                  | UpdDb=No        | New:    | <p>-Action "PLMPerfSyslogParser_2012_01" -SubAction "ViaNxSyslog"</p> <p>Parameter -importConfigName can now have wildcards</p> <p>Example: '3* [AL*][4711/A]'</p> <p>ImportConfigName supports now hashvariables<br/>to replace JobManager Object values in -importConfigName</p> <p>Example: '3* [AL*][#IR.ItemNameRev#]' -&gt; '3* [AL*][4711/A]'</p> <p>All properties from class ObjectData_cls can be replaced with #PropertyName#<br/>Example: #ObjectCliName# , #ObjectUgMaster_Type#</p> <p>All properties from class ObjectData_cls.Ir_cls can be replaced with #IR.PropertyName#<br/>Example: #IR.ir_puid# , #IR.ItemName# , #IR.Rev# , #IR.ItemNameRev#</p> |
| 01.10.2020 | 3,1502  | S.Gueth |          | CheckBox                             | UpdDb=No        | Change: | <p>Outputformat of CheckBox result report enhanced<br/>Parthistroy list will now show from the latest part history entry, even if cb1 data has a newer entry then cb2 data</p>  |
| 26.08.2020 | 3,1502  | J.Fes   |          | JobControl                           | Ver.Info        | New:    | <p>Replacment Variable extendet with</p> <ul style="list-style-type: none"><li>- #JobRule.ProcStateCol+1# #Exa: if current ProcStateCol05 it return ProcStateCol06</li><li>- #JobRule.ProcStateCol-1# #Exa: if current ProcStateCol05 it return ProcStateCol04</li><li>- #JobRule.ProcStateCol+2# #Exa: if current ProcStateCol05 it return ProcStateCol07</li><li>- #JobRule.ProcStateCol-2# #Exa: if current ProcStateCol05 it return ProcStateCol03</li></ul> <p>This extendet variable can be used in Extendet JobObject selection</p> <p>Enhancement implemented by code extensions</p>  |
| 19.08.2020 | 3,1502  | S.Gueth |          | Settings JCT CheckBox                | Check.Settings  | New:    | <p>-Action "CBTools_2012_05" -SubAction "CBMoveCBFilesToCBArchiv"</p> <p>Export CheckBox duration times to excel file for PLM Performance Analyse</p> <p>Check CBMgrConfig Settings:</p> <p>'05.4 CB Durations to CSV for PLMPerf Analyse'</p> <p>'05.5 CB Durations CSV File PLMPerf Root Dir (full path)'</p>   |
| 17.08.2020 | 3,1502  | S.Gueth |          | JCT CheckBox                         | UpdDb=No        | Change: | <p>-Action "CBTools_2012_05" -SubAction "CBResultGen"</p> <p>if a cgm file or tif file is missing on CheckBox Compare, an error will be set to the compair result</p>   |
| 14.08.2020 | 3,1502  | S.Gueth |          | Import Sites/Data<br>Import Settings | Check.Settings  | New:    | <p>added new settings in: JobServer -&gt; Sites -&gt; ImportSettings 3</p> <p>5.01 - JM-TC.Sync:Print Sync Info after N Objects<br/>Defines how often an info will be printed to GUI by syncing TC Objects with JobManager</p> <p>17 - TC Objects Packet size on Sync<br/>Defines how big the package of TC Objects should be on syncing the TC Site to JobManager</p>  |
| 05.08.2020 | 3,1502  | J.Fes   |          | JCT                                  | Ver.Info        | Change: | <p>-Action "CMM2NX_2021_06" -SubAction "CMM_InpListGen"</p> <p>cmm inputlist.xml element names changed<br/>from.: DSpuid<br/>to...: dataset<br/>#todo: check if format is correct for CMMTypes: 'i-deas ProE SolidWork Catia'</p> <p>Change is implemented by code extensions</p>   |
| 05.08.2020 | 3,1502  | J.Fes   |          | Import Sites/Data<br>Import          | Ver.Info        | Doc:    | <p>Sites/Data Import -&gt; Sync.Site.Data Actions failed with Exception<br/>when duplicated ID's is found<br/>Issue is now solved by code changes</p>   |
| 05.08.2020 | 3,1502  | J.Fes   |          | JCT                                  | Ver.Info        | Change: | <p>-Action "MigIdeas2NX_2013_10" -SubAction "CMM_InpListGen"</p> <p>cmm inputlist.xml element names changed<br/>from.: DSpuid<br/>to...: dataset<br/>#todo: check if format is correct for CMMTypes: 'i-deas ProE SolidWork'</p> <p>Change is implemented by code extensions</p>  |

| Date       | Version | User    | Issue-Nr | Categorie                | Additional Info            | Type    | Description   |
|------------|---------|---------|----------|--------------------------|----------------------------|---------|---|
| 03.08.2020 | 3,1502  | J.Fes   |          | Import Sites/Data Import | Ver.Info                   |         | During Process Sites/Data -> Import * - Sync.Site an Issue happend comparing LastSave Date.<br>More data as needet has been identified to sync.<br>Issue is now solved by code changes  |
| 16.07.2020 | 3,1501  | S.Gueth |          | Import Sites/Data Import | UpdDb=No                   | Change: | Issue happend on import when Owning Site ID is empty<br>Issue is now solved by code changes   |
| 02.07.2020 | 3,1493  | S.Gueth |          | Import Sites/Data Import | UpdDb=Yes                  | New:    | New settings in JobServer -> Sites -> ImportSettings 3 -> '4.16 - Set Analyse IR 'is used' in BOM (n) times'<br>If set to 0 the count how often the ItemRevsision is used will NOT be analysed (default)<br>If set to -1 the count how often the ItemRevsision is used will be imported<br>You can define a custom number, until it should be analyzied how often an Item Revision is used<br>Hint:As higher the number, as more time is needed to get the count.   |
| 02.07.2020 | 3,1493  | S.Gueth |          | Import Sites/Data Import | UpdDb=Yes                  | New:    | added new settings in JobServer -> Sites -> ImportSettings 3 -> 4.15 - Import Check out Info true/false<br>If set to true the check out informations on Items, ItemRevisions and Datasets will be imported<br>default is true   |
| 02.07.2020 | 3,1493  | S.Gueth |          | Import Sites/Data Import | UpdDb=No                   | New:    | added sync Option in Sites/Data Import -> Sync.Site.Data -> 41 - Sync.Site [Checked Out Objects]<br>syncs JM.DB Data that is checked out in TC and finishes Import process<br><br>added sync Option in Sites/Data Import -> Sync.Site.Data -> 42 - Sync.Site [Data O.NeedUpd>0 + Checked Out Obj]<br>syncs JM.DB Data that has O.Need.Upd flag and is checked out in TC and finishes Import process   |
| 25.06.2020 | 3,1493  | S.Gueth |          | Settings JCT             | UpdDb=No<br>Check.Settings | New:    | -Action "MigCmm3D2NX_2013_10" -SubAction "CMM_InpListGen"<br>added parameter '-CheckOutStatusAnalyse'<br>if set to true, it will be checked if the Dataset, ItemRevision or the BomViewRevision is checked out in Teamcenter<br>if any of these 3 items is checked out, thy will not be processed (default is true)   |
| 25.06.2020 | 3,1493  | S.Gueth |          | Settings JCT             | UpdDb=No<br>Check.Settings | New:    | -Action "MigCmm3D2NX_2013_10" -SubAction "CMM_InpListGen"<br>added parameter '-CheckOutStatusAnalyse'<br>if set to true, it will be checked if the Dataset, ItemRevision or the BomViewRevision is checked out in Teamcenter<br>if any of these 3 items is checked out, thy will not be processed (default is true)   |
| 24.06.2020 | 3,1493  | S.Gueth |          | DB ObjectList            | UpdDb=Yes                  | New:    | added parameters for objects<br>O.isCheckedOut<br>O.CheckOut.User<br>O.CheckOut.Date  |
| 22.06.2020 | 3,1493  | S.Gueth |          | Import Sites/Data Import | UpdDb=No                   | Change: | fixed bug, that import was not interuppted, when tc database was no accessible<br>this could lead to the issue, that item revisons whee deleted when tc database dissappeared during the import<br>this is now fixed by code changes  |
| 16.06.2020 | 3,1493  | S.Gueth |          | JobControl Settings      | UpdDb=No<br>Check.Settings | New:    | added two JobRule settings in JobControl Rule -> Job Def Extended 2 -> 5 Level Controller Rules<br><br>5.1: Inculde Objects only from same level<br>Defines if only objects from the same level (minimal level) should be included in the jobpacket<br>Example:<br>Object 1 (Ap with 3 levels) --> include in packet: yes<br>Object 2 (Ap with 3 levels) --> include in packet: yes<br>Object 3 (Ap with 4 levels) --> include in packet: no<br>Object 4 (Ap with 5 levels) --> include in packet: no<br><br>5.2: Level controller rules<br>defines the level controller rules for the current job (look at description in the rules for detailed information)<br><br>5.3: Stop job gen if LevelControlRules apply<br>Stops using futher JobRules to generate new Job, if this JobRule finds data but level controller rules lead to the result not to generate a new Job |
| 28.05.2020 | 3,1493  | J.Fes   |          | ObjectList               | Ver.Info                   | New:    | ProE add Data Type<br>SWPrnt (SolidWorks-SinglePart)<br>SWAsm (SolidWorks-Assembly)<br>SWDrw (SolidWorks-Drawing)   |
| 18.04.2020 | 3,1492  | J.Fes   |          | Import Sites/Data Import | Ver.Info                   | Change: | Importing data for 'Nativ Sites' is now more robust<br>Now import contiunes even when during directory cycling Exception happend<br>In case an Exception happend an Exception message will be printed into the message box<br><br>Issue is now solved by code changes   |

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|------------|---------|-------|----------|--------------------------------------|-----------------------------|---------|--|
| 10.04.2020 | 3,1491  | J.Fes |          | JCT                                  | Ver.Info                    | New:    | JobClientTools extendet with -Action "RefileNative_2016_02" -SubAction "PartUpdateNative"<br>With this Methode it is possible to Update 'Native NXParts'   |
| 08.04.2020 | 3,1491  | J.Fes |          | Import Sites/Data<br>Import          | Ver.Info                    | New:    | List of Site where not displayed in 'JobServer -> Sites/Data Import'<br>If all Site definitions where deactivated.<br><br>Issue is now solved by code changes  |
| 27.03.2020 | 3,1491  | J.Fes |          | CheckBox                             | Ver.Info                    | Change: | Checkbox Manager could not carry out the comparison<br>if CheckBox Text Data from Entity_Type25/Entity_Type26 did not contained DisplayedTextValues properties<br>Issue is now solved by code changes  |
| 25.03.2020 | 3,1491  | J.Fes |          | Import Sites/Data<br>Import          | Ver.Info                    | Change: | TC SiteDef did not created SideDef specific sql<br>if for example table 'PNX0APPLICATIONINFOSTORAGE' not exist in TC.DB<br>Depending on TC.schema this table is not existing<br>New definition is implemnted to turn this case into a waring only information<br>Now SiteDef specific sql are created in this case<br><br>Enhancement implemented by code extensions   |
| 13.03.2020 | 3,1491  | J.Fes |          | JobControl                           | Ver.Info                    | New:    | JobControl 'Extendet Process State Control' support's now usage of P.StatKey definition<br>Syntax [PStatKey=#KeyName#]<br>PStatKey can be used for esay generate PStatus for OK/WRN/ERR<br><br>#Example: insert into JobControl -> 'Extendet Process State Control' only following P.StatKey definition<br>[P.StatKey=R1]<br>then O.PGr.(01..20).PStat will be set if process result<br>- is OK O.PGr.(01..20).PStat='D.R1.OK'<br>- has WRN O.PGr.(01..20).PStat='D.R1.WRN'<br>- is ERR O.PGr.(01..20).PStat='D.R1.ERR'<br><br>Enhancement implemented by code extensions  |
| 12.03.2020 | 3,1491  | J.Fes |          | JobControl                           | Ver.Info                    | New:    | JobControl 'Extendet Process State Control' support's now<br>to set P.Status releative to current P.Group via Condition [P+n.Stat=XX]<br>  -> +n=+1..9 PGroups UP<br><br>#Example: 'Extendet Process State Control'<br>[RuleID=OK] [O.Type=*] [J.ResCode=0] [J.ResMsg=*] [J.ResWarn=0] [P.Stat=D.OK] [P+1.Stat=RUN.CB2]<br>[RuleID=WRN] [O.Type=*] [J.ResCode=0] [J.ResMsg=*] [J.ResWarn=1] [P.Stat=D.WRN] [P+1.Stat=RUN.CB2]<br>[RuleID=ERR] [O.Type=*] [J.ResCode<>0] [J.ResMsg=*] [J.ResWarn=*] [P.Stat=D.ERR] [P+1.Stat=X.CB2]<br>Current Process Group = 'P.02'<br>If condition apply to 'RuleID=OK' then Object P.Group.Status P.02=D.OK // P.03=RUN.CB2<br>If condition apply to 'RuleID=WRN' then Object P.Group.Status P.02=D.WRN // P.03=RUN.CB2<br>If condition apply to 'RuleID=ERR' then Object P.Group.Status P.02=D.ERR // P.03=X.CB2<br>Enhancement implemented by code extensions |
| 08.03.2020 | 3,1491  | J.Fes |          | Import Sites/Data<br>Import Settings | UpdDb=Yes<br>Check.Settings | Change: | JobServer Native Data improved<br><br>Now NX BOM Analyse via NX Utility '%UGII_BASE_DIR%\NXBIN\ugpc.exe' is improved<br>Utility is now using the part path search logical implemented by NX load option file.<br>To Support this following new Optins are avilabel<br>- BOM Data read from NX.prt<br>- Nativ NX Load Option File<br>Following options are now avialabel in 'Sites/Data Import' -> 'Edit Site def.' -> 'Native Settings'<br>- write CAD.MetaData files<br>- Nativ Data Clean -> avialabe in<br><br>Enhancement implemented by code extensions   |
| 19.02.2020 | 3,1491  | J.Fes |          | JCT                                  | Ver.Info                    | Change: | -Action "GB_SAPNxCBProcess" -SubAction "GB_SAPNxCBProcess*" Option: -COLocCiMode "TestMode"<br><br>If Option: -COLocCiMode "TestMode" has been used then SAP Unlog has been used if Process lead to issue.<br>Now if TestMode is active then SAP Unlog is not used anymore<br>Issue is now solved by code changes  |



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|------------|---------|---------|----------|--------------------------|----------------------------|---------|---|
| 05.02.2020 | 3,1491  | J.Fes   |          | Import Sites/Data Import | UpdDb=Yes                  | New:    | Site/Data Import enhanced:<br>Now JobMgr support on TC Sync (Item/ItemRevision):<br>1. Object 'Last Save Date'<br>2. Object 'Last Mod User'<br>3. Object 'Owing Groups'<br><br>1* 'Last Save Date' for Item/ItemRev/Databases are stored in JM.DB.<br>With this extension synchronisation between JobMgr.DB and TC.DB is optimiced.<br>Because in some TC-Tools/Methodes TC do not update LastMod date but<br>a change is registerd in LastSavDate<br>Hint 'Last Save Date' is avilable for TC.Site with Teamcenter Unified Architeture (TCUA)<br><br>Enhancement implemented by code extensions  |
| 03.02.2020 | 3,1491  | J.Fes   |          | JobControl Settings      | Ver.Info<br>Check.Settings | New:    | JobControl rule do supports also selection criteria for sel: O.IrType<br>Job Control -> Edit JobControl Rules -> Job Def Extended 1 -> sel: O.IrType<br>Enhancement implemented by code extensions  |
| 29.01.2020 | 3,1491  | S.Gueth |          | GUI Scripts/Params.      |                            | New:    | added Button to edit result classifications in Scripts/Params<br>Result Classification files must be in the ClientScript folder or in any subfolder<br>Result Classification files must have one of the following formats:<br>*ResultClassification*.xml<br>*ResClRule*.xml<br>*ClRule*.xml   |
| 15.01.2020 | 3,1491  | J.Fes   |          | JobControl               | Ver.Info                   | Change: | JobControl Rules Generating JobPacket's performance optimiced<br><br>- New possibility to define in JobRule if JobData selection is using 'ORDER' methodes.<br>#Doc: see settings in:<br>'Edit JobControl Rule' -> 'Job Def Extended 2' -> '4 Job Object Selection Rules -> 4.0..4.4'<br>#Doc: In the case that JobData order not needed in the JobProcessing sequence, this option can be switched off.<br>This will accelerate the creation of jobs.<br>Usage example: Switch off 'Order'<br>If order Then Of Singleparts - Assembly Parts has no impact On JobProcessing sequence<br><br>- Object selection SQL methodes improved specialy for<br>#Doc: see settings in:<br>'Edit JobControl Rule' -> 'JobDefinition' -> 'sel:O.Special:' DS of IR (DS Only)<br><br>Enhancement implemented by code changes. |
| 21.11.2019 | 3,149   | J.Fes   |          | Settings CheckBox        | Check.Settings             | New:    | CheckBox methodes enhanced<br>-Action "CBTools_2012_05" -SubAction "Compair2XmlFiles/CBResultGen"<br>Now you can define compair condition for CB1 Data - CB2 Data<br>- CB1_Younger_CB2 -or- CB2_Younger_CB1<br>- Max days diff beween CB1 - CB2 extract date<br>- CB1/CB2 Extracte Date must bee in time range<br><br>see CB.Mgr -> 'CB Config' -> '02 Extract / Report Settings' -> '02.11 CBDBc CheckBoxData.Base.Compair defs.'<br><br>Enhancement implemented by code extensions  |
| 30.10.2019 | 3,149   | J.Fes   |          | CheckBox                 | UpdDb=No                   | Doc:    | -Action "CBTools_2012_05" -SubAction "CBMoveCBFilesToCBArchiv"<br>in case Object TC Names did contained special caracters<br>move of CB.xml files did end into an exception.<br>Issue is now solved by code changes   |
| 16.10.2019 | 3,149   | S.Gueth |          | GUI ObjectList           | UpdDb=No                   | New:    | In JobManager -> Objects Filter -> P.Dat -> Res.Msg<br>by default only errors will be listed on drop down<br>hold Shift key to list all results   |
| 18.09.2019 | 3,1489  | J.Fes   |          | Settings CheckBox        | Check.Settings             | Doc:    | New settings avialbel for CheckBox compair process<br>- DR.View.ViewPartName check<br>- EN25.Name Do compare<br>- EN26.Name Do compare  |
| 11.09.2019 | 3,1489  | S.Gueth |          | Scripts/Params.          | UpdDb=No                   | New:    | it is now possible to edit 'Scripts/Params' parameter in an external form<br>--> press the drop down button in the 'JC.Script(cmd).ParamExt' cell   |
| 11.09.2019 | 3,1489  | S.Gueth |          | Scripts/Params.          | UpdDb=No                   | New:    | added row template for Scripts/Parameters to edit the script settings   |

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|------------|---------|---------|----------|---|-----------------|---------|--|
| 09.09.2019 | 3,1489  | S.Gueth | 6468     | Admin DB  | UpdDb=Yes       | New:    | <p>added ability to store custom/generic values in the JobManager Database</p> <p>see following functions in the class 'MyAppl_DataSource_cls'</p> <p>GenericValueStoreInDatabase() --&gt; stores or updates a generic value in th JobManager DB</p> <p>GenericValueReadFromDatabase() --&gt; get generic value from database, when there was an issue to get the value or there is no value with the given name, nothing will be returned</p> <p>GenericValueDeleteFromDB() --&gt; function to delete generic value from datatable</p>  |
| 06.09.2019 | 3,1489  | S.Gueth |          | Scripting   | UpdDb=No        | New:    | <p>added Pause and Stop buttons fpr Task Sheduler Scripts</p> <p>you can implement methodes to pause or stop your custom script like this:</p> <p>Example for Stop Script:</p> <pre>If JS_ScriptingInterface.ScriptStopButtonWasClicked() Then   Dim stopMsg As String = "Script was stopped by user!"   InfoSysProtocol.PrintInfoLine(stopMsg)   ScriptReturn_r.ErrMsg = stopMsg   Return ScriptReturn_r End If</pre> <p>Example for Pause Script:</p> <pre>JS_ScriptingInterface.ScriptPauseCheck(InfoSysProtocol)</pre>   |
| 22.08.2019 | 3,1489  | S.Gueth |          | Import Sites/Data<br>Import ObjectList                        | UpdDb=Yes       | New:    | <p>added setting 'Analyse Multi-Cad Assemblies'</p> <p>in JobServer -&gt; Sites -&gt; Import Settings 3 -&gt; 13 - Analyse Multi-Cad Assemblies</p> <p>If set to true (default is false), it will be analysed on import if an assembly has multicaad components (only working for NX assemblies)</p> <p>If the assembly has an ItemRevision in first BOM level with no UGMaster but with a JT dataset, the AP is marked as 'MultiCad_in1LevelBOM'</p> <p>If the assembly has an ItemRevision in multi BOM level (not 1 BOM level) with no UGMaster but with a JT dataset, the AP is marked as 'MultiCad_inMultiLevelBOM'</p> <p>check column 'O.AP.has Multi-CAD' in objects list to determin if the AP is Multi-CAD or not</p> <p>check column 'O.AP.Multi-CAD IRS' in objects list to see the installed Multi-CAD Item Revisions</p> <p>Search for Multi-CAD AP in Objects List -&gt; Filter -&gt; AP -&gt; Multi Cad AP</p> |
| 12.08.2019 | 3,1489  | S.Gueth |          | GUI Import Sites/Data<br>Import JobControl<br>Scripts/Params. | UpdDb=No        | New:    | <p>copy / duplicate lines in JobManager Gui</p> <p>1. via context menu on the grid</p> <p>2. via shortcuts:</p> <pre>Ctrl + D --&gt; Duplicate selected rows in the current grid Ctrl + Shift + C --&gt; Copy selected datarows to the clipboard (serialized as xml string) Ctrl + Shift + V --&gt; Paste serialized xml string to the grid</pre>  |
| 12.08.2019 | 3,1489  | S.Gueth |          | ProcessGroups   |                 | New:    | <p>it is now possible to reset a process group to its default values</p> <p>JobServer -&gt; ProcessGroups -&gt; Extra -&gt; Reset selected Process Group to default values...</p>  |
| 07.08.2019 | 3,1489  | J.Fes   |          | JCT   | Ver.Info        | New:    | <p>-Action "PartUtility_2018_04" -SubAction "EVALUATE_TCDataSetNamedRefCleanUp"</p> <p>New evaluation available for Action TCDataSetNamedRefCleanUp</p> <p>Limitation: Evaluation is until now done only for UGPART-BBOX UGPART-ATTR UGPART-ATTRIBUTES Trushape-Data</p> <p>New Methode implemented by code extension</p>  |
| 12.07.2019 | 3,1489  | J.Fes   |          | Settings CheckBox   | Check.Settings  | New:    | <p>-Action "CBTools_2012_05" -SubAction "CBResultGen"</p> <p>New Compar condition available:</p> <pre>MD08.1 Condition if NO reference found for RefSet and RefSet is Empty (MD:Ref.nf:RefSet.Empty)</pre> <p>Enhancemnt is implemneted via code changes</p>   |
| 04.07.2019 | 3,1489  | J.Fes   |          | JobControl  | Ver.Info        | Change: | <p>Enhanced: JobData1ToProcess</p> <p>Now JobData1ToProcess.xml and JobData2Result.xml contains .ObjectIr.ir_Rank data</p> <p>Enhancement is done by code changes</p>  |

| Date       | Version | User    | Issue-Nr | Categorie                | Additional Info | Type    | Description   |
|------------|---------|---------|----------|--------------------------|-----------------|---------|---|
| 04.07.2019 | 3,1489  | J.Fes   |          | JobControl               | Ver.Info        | Change: | Optimisation: JobData1ToProcess reduced<br>Now JobData1ToProcess.xml and JobData2Result.xml<br>do not contains SiteDef_cls.Import_Settings3_Obj in this .xml files<br>Enhancment is done by code changes  |
| 27.06.2019 | 3,1489  | S.Gueth |          | Import                   |                 | Change: | on Import with ReleaseDate the ImportIrLastReleaseDateBegin will be set to ImportIrLastReleaseDateBegin<br>when the last release date is newer then the last mod date   |
| 03.06.2019 | 3,1489  | J.Fes   |          | Settings CheckBox        | Check.Settings  | New:    | -Action "CBTools_2012_05" -SubAction "CBMoveCBFilesToCBArchiv"<br>On extract NXCheckBox data now it is analysed if part contains Component View's<br>See also settings at:<br>'CheckBox MGR' -> 'CB Config'<br>-> '05.7 CB DR.CompView Info add to Process ResMsgExtendet'<br>Hint: required NXCheckBox.Version >= V.2.0.1.25<br>Hint: avilable only for Data extracted with TC integration<br>Enhancment is done by code extension and NXCheckBox extract software   |
| 01.06.2019 | 3,1489  | J.Fes   |          | Settings CheckBox        | Check.Settings  | New:    | CheckBox analyse enhanced<br>Now we do read and compair:<br>- APComp.IsDraftingComponent<br>- View.ViewPartName<br>- In case an Error happend P.Result Section returns [AS:ERR:IsDraft.Comp]<br>For using this methode CheckBox data need to be extracted with NXCheckBox Version V2.0.1.25   |
| 27.05.2019 | 3,1489  | J.Fes   |          | TaskScheduler            | Ver.Info        | Doc:    | Issue at TaskScheduler Process not correct handelt if<br>In case of Date-Span in combination with Timepoint did not worked<br>Issue has been that Schedule got deactivated even when Date-Span has been still valid.<br>#Example:<br>[DA=27.05.2019-30.05.2019 WD=1 WD=2 WD=3 WD=4 WD=5 WD=6 WD=7 TP=21:22]<br>Issue is now solved by code changes  |
| 23.05.2019 | 3,1489  | S.Gueth |          | Settings CheckBox        | Check.Settings  | New:    | added setting 'MD05 Centre of Gravity do compair' to checkbox settings<br>defines if 'Centre of Gravity' should be compared or not [Default=true]   |
| 23.05.2019 | 3,1489  | S.Gueth |          | Settings CheckBox        | Check.Settings  | New:    | added setting 'MD00.Model data do compair' to checkbox settings<br>defines if Model data is to be compared [Default=YES]<br>If 'NO' Model data will !! NOT !! be compared<br>If 'ProtoTypeOnly' only the prototype data will be compared<br>If 'SolidBodyAnalyseOnly' only the volume, moment of inertia and moment of gravity for reference data will be compared  |
| 21.05.2019 | 3,1489  | A.Stein |          | Import Sites/Data Import | UpdDb=Yes       | New:    | Now its possible to use generic as DatasourceType in SiteDef<br>You can use custom scripts for different functions in the JobServer (for example for the DataImport to JobMgr)<br><br>Issue is now solved by code changes   |
| 17.05.2019 | 3,1489  | S.Gueth |          | JobControl               | UpdDb=No        | Change: | fixed bug, where under certain circumstances the free memory of the client was not measured correctly<br>Issue is now solved by code changes<br>please update JobServer and JobClient   |
| 14.05.2019 | 3,1489  | S.Gueth |          | Settings CheckBox        | Check.Settings  | New:    | added new option 'CGMNewerThenTif' for '04.2 Generate tif' in CheckBox Settings Manager<br>if set, CB.tif files will only be generated when there is no tif for the cgm file or if the cgm file is newer then the<br>coresponding tif file  |
| 10.05.2019 | 3,1488  | S.Gueth |          | Settings CheckBox        | Check.Settings  | New:    | setting '05.8 CB Prototype Volume diffs to Excel' added to CB Settings manager<br>If activated, an excel file will be generated, where all prototype volume differences differences are collected<br>you can find the excel file in the following dir:<br>#DataRootDir#\#Site#_DataCollection\GeometricVolumeAnalyse_CheckBoxDataCollection.xlsx<br>for definition of #DataRootDir#, please check '03.1 Data Root Dir' in CheckBox config settings  |
| 08.05.2019 | 3,1489  | S.Gueth |          | CheckBox                 |                 | Change: | fixed a bug in CheckBox Manager<br>where coresponding tif files mighth not be found correctly when there are more then one sheets per specification   |
| 03.05.2019 | 3,1489  | J.Fes   | 5143     | Import                   | Ver.Info        | Change: | When import/Update via Site/Data Import -> Import Extended -> Import.Site.Data: 'controled by Release Date'<br>See also 'IContr:Ir.ReleaseDateBegin'<br><br>Import behavior changed at the end of import process<br>'IContr:Ir.ReleaseDateBegin' is set to youngest found IR.LastMode<br>'IContr:Ir.ModDateBegin' datum is not changed<br>'IContr:Ds.ModDateBegin' datum is not changed<br><br>This optimization minimices the Import/Update duration when using this methode.<br><br>Enhancment is implemented by code extension |

| Date       | Version | User    | Issue-Nr | Categorie                | Additional Info             | Type    | Description  |
|------------|---------|---------|----------|--------------------------|-----------------------------|---------|--|
| 24.04.2019 | 3,1489  | J.Fes   |          | Import Sites/Data Import | UpdDb=Yes                   | New:    | <p>Do Update IR Rank analyse on import/update can be now switch ON/OFF<br/>By default it is switched ON via value true.<br/>If set to true (default), IR Rank is analysed during data import<br/>If set to false, IR Rank will not be analysed and set to 0</p> <p>Settings are avilabel for each TC-Site via:<br/>Sites/Data Import -&gt; open Edit Site def. dialog<br/>-&gt; Import Stettings 3<br/>-&gt; 4 - Import eXtendet<br/>-&gt; 11 - O.Imp.Msg WRN/ERR analyse true/false</p>   |
| 24.04.2019 | 3,1489  | J.Fes   |          | Import Sites/Data Import | UpdDb=Yes                   | New:    | <p>O.Imp.Msg WRN/ERR analyse on import/update can be now switch ON/OFF<br/>By default it is switched ON via value true.<br/>If set to true (default), O.Imp.Msg WRN/ERR is analysed during data import</p> <p>Settings are avialbel for each TC-Site via:<br/>Sites/Data Import -&gt; open Edit Site def. dialog<br/>-&gt; Import Stettings 3<br/>-&gt; 4 - Import eXtendet<br/>-&gt; 11 - O.Imp.Msg WRN/ERR analyse true/false</p>  |
| 02.04.2019 | 3,1489  | J.Fes   |          | Settings CheckBox        | Ver.Info<br>Check.Settings  | Change: | <p>CheckBox analyse enhanced now you can us following settings</p> <ul style="list-style-type: none"><li>- AssocEnt analyse can be deactivated</li><li>- AssociativesNum analyse can be deactivated</li><li>- Remove all references from text</li></ul> <p>Hint in some project cases it is helpfull do use this settings<br/>because software changes in NX Versions result in some data no longer being comparable.<br/>Enhancements were introduced by programming</p>  |
| 02.04.2019 | 3,1489  | J.Fes   |          | CheckBox                 | Ver.Info                    | New:    | <p>CheckBox compairs now DisplayedTextValues.<br/>if pre and post CheckBox data contains DisplayedTextValues data</p> <p>Hint:DisplayedTextValues will be extracted if NX9 and NxCheckBox_XX_V.2.0.1.24 or higher<br/>Is used during NXCheckBox extract process.</p> <p>Important:<br/>If DisplayedTextValues is found in both NxChecbBoxData.xml files then DisplayedTexts values will be compared.<br/>In this case TextInfo.Texts analyse is then not used anymore (skiped).<br/>Reason for this change is that DisplayedTexts is the better - enhanced text compair methode.</p> <p>Enhancement implemented by code extensions</p> |
| 27.03.2019 | 3,1489  | S.Gueth |          | ObjectJobResults         |                             | New:    | <p>when you select a process group cell in the Objects grid of the JobServer<br/>and you click on J.Link / J.Log button -&gt; the last result link / job log file for the coresponding process column will be opend</p>  |
| 26.03.2019 | 3,1489  | S.Gueth |          | Settings CheckBox        | Check.Settings              | New:    | <p>added setting '02.10 Clean Up CB Files when Compair is OK' in CheckBox config settings<br/>Defines if extracted NXCheckBox files (xml, cgm, tif, txt) should be deleted when CheckBox Compair is OK (result code is 0 and result has no warning)</p>  |
| 26.03.2019 | 3,1489  | S.Gueth | 6152     | Settings                 | Check.Settings              | Change: | <p>changed 'Host Memory Usage Settings' in JOBManager settings from percentage to absolute values<br/>Memory usage check returns OK, if the current available free Memory is higher then the given Value (default 2000mb)<br/>Memory usage check returns ERR, if the available free memory is lower then then given Value (default 1000 mb)</p>  |
| 21.03.2019 | 3,1489  | S.Gueth |          | Settings                 |                             | New:    | <p>added function for CheckBox CleanUp -&gt; 'by CB Compair Result'<br/>deletes all CheckBox, tif, cgm and syslog files where latest CB compair result in JobManager is OK<br/>-&gt; where Result Code is 0 and has no WRN</p>   |
| 20.03.2019 | 3,1488  | S.Gueth |          | GUI JobControl Settings  | UpdDb=Yes<br>Check.Settings | New:    | <p>added new Filter in JobControl Rules for Object Save Version<br/>-&gt; JobControl Rules<br/>-&gt; Job Def Extended 1<br/>-&gt; sel:O.Saved.With.RelVer</p>  |
| 20.03.2019 | 3,1488  | S.Gueth |          | GUI ObjectList           |                             | New:    | <p>added filter for Object.Save.Version to JobManager Objects List Filter<br/>-&gt; Objects List<br/>-&gt; Spec<br/>-&gt; O.Save.Vers:</p>   |

| Date       | Version | User    | Issue-Nr | Categorie                            | Additional Info             | Type    | Description   |
|------------|---------|---------|----------|--------------------------------------|-----------------------------|---------|---|
| 19.03.2019 | 3,1488  | S.Gueth | 6241     | Import Sites/Data<br>Import Settings | UpdDb=Yes<br>Check.Settings | New:    | TC - NX release version on import/update can be now switch ON/OFF<br>By default it is switched ON via value true.<br>If set to true, NX release version will be imported from teamcenter and stored in O.SaveVersion in JobManager<br>If TC read performance is low please switch off NX release version.<br><br>hint: table PNX0APPLICATIONINFOSTORAGE and PUGPARTATTRIBUTES need to be available in teamcenter<br><br>Settings are avialbel for each TC-Site via:<br>Sites/Data Import -> open Edit Site def. dialog<br>-> Import Stettings 3<br>-> 4 - Import eXtendet<br>-> 10 - get NX release version on import/update ON/OFF   |
| 08.03.2019 | 3,1488  | S.Gueth |          | Settings CheckBox                    | Check.Settings              | New:    | setting '05.6 CB Attribute diffs to Excel' added to CB Settings manager<br>If activated, an excel file will be generated, where all Attribute differences are collected<br>you can find the excel file in the following dir: #DataRootDir#\#Site#_DataCollection\Attribute_CheckBoxDataCollection.xlsx<br>for definition of #DataRootDir#, please check '03.1 Data Root Dir' in CheckBox config settings  |
| 04.03.2019 | 3,1488  | J.Fes   |          | JCT                                  | Ver.Info                    | Change: | Job.Process header informations new formatted.<br>Now you have better overview about the JobProcess Details and Versions.<br>Now Action.SubActionSettingsXML is now also includet Process header<br>#Example:<br>JCT.Version.....: 2.12109.3001.2014<br>Action.Version.....: V2019-03-30.04/J.Fes<br>Action.Name.....: ActionName_2013_10<br>Action.SubAction.....: SubActionName<br>Action.SubActionSettingsXML.....: SubActionSettings.xml<br>Job.Name.....: TC83_PU_AP_N_07500_addPLM<br>Job.Start.....: 30.01.19 15:01  |
| 28.02.2019 | 3,1488  | J.Fes   |          | CheckBox                             | Ver.Info                    | Doc:    | Checks NOW if mapped and duplicated empty Attributes are found in CB-Data.xml<br><br>Example:<br>- we find in CB-Data.xml attributes Material='' NX_Material='Mat001'<br>- and Attribute Mapping condition defines to mapp 'Material' to: 'NX_Material'<br>- after Mapping the Attributes we see folowing values:<br>- *1 NX_Material='Mat001'<br>- *2 NX_Material=''<br><br>The updated algorithm removes the empty attribute *2 NX_Material=''<br>If new setting: 'PH.Attribute Mapper ignore duplicated and empty attributes=false'<br><br>Please Check new setting 'PH.Attribute Mapper ignore duplicated and empty attributes'<br>Methodes are implemented by code changes |
| 22.02.2019 | 3,1488  | S.Gueth |          | CommandLineArgs<br>Admin             |                             | New:    | start JobClient in Debug mode: set command line parameter /JobClientStartMode DebugMode<br>start JobClient in Debug mode: set command line parameter /JobClientStartMode TestAndDebugMode   |
| 22.02.2019 | 3,1488  | S.Gueth |          | Settings                             | Check.Settings              | New:    |   |
| 06.02.2019 | 3,1488  | S.Gueth |          | Settings JCT                         | Check.Settings              | New:    | Job Control Activ Status Rules can now be defined in Result Classifications<br>If a result classification matches, the defined 'Job Control Activ Status Rules' will be triggered   |
| 11.01.2019 | 3,1488  | J.Fes   |          | ObjectList                           | UpdDb=Yes                   | Change: | Object List Item + Ir + DS release status supports now 255 chars.<br>Change is done via upsize data colume from 32 to 255 chars Update Database schema is required  |
| 19.12.2018 | 3,1488  | J.Fes   |          |                                      | UpdDb=No                    | Change: | JobClinet start Performance improved<br>There for we enhanced methodes to get Local Resource informations for Drives CPU and Memory<br>Addition we now reading Local JobInformations only if needet.<br>Improvment is done by code changes  |
| 11.12.2018 | 3,1488  | S.Gueth |          | GUI                                  |                             | New:    | parameter /DrawingIndexSearchUIShow for JobServer<br>if set, a special gui will be showed, only for drawing indexing search   |
| 08.12.2018 | 3,1488  | S.Gueth | 6104     | Settings CheckBox                    | Check.Settings              | New:    | added 'MD.Volume 01 Check Method' in Check Box Compare Settings<br>defines the check method for the volume compare<br>Both.....: Volume will be compared by absolute values and percentage values (see rules: MD02.Volume and MD03.Volume)<br>Volume_Value_Dif.....: Volume will be compared by absolute values (see rule: MD02.Volume)<br>Volume_Percentage_Dif: Volume will be compared by percentage values (see rule: MD03.Volume)<br>Ignore.....: Volume compare will be ignored   |



| Date       | Version | User    | Issue-Nr | Categorie                         | Additional Info             | Type    | Description   |
|------------|---------|---------|----------|-----------------------------------|-----------------------------|---------|---|
| 28.11.2018 | 3,1487  | S.Gueth |          | Settings JCT                      | Check.Settings              | New:    | -Action "CustomCmdTools_2016_04" -SubAction "VMapProTextExportFromTif"<br>subaction for exporting texts from tif files via vmap pro   |
| 28.11.2018 | 3,1487  | S.Gueth |          | Settings JCT                      | UpdDb=Yes<br>Check.Settings | New:    | -Action "CBTools_2012_05" -SubAction "CBMoveCBFilesToCBArchiv"<br>added parameter 'CBDrwIdxSearchData_Import'<br>If this parameter is set for each Part the displayed text of every entity<br>will be imported into JobMgr.DB as drawing indexing search data.<br>The imported drawing texts and can be searched via JobManager UI.<br>This enhanced methode gives you the possibility to find the parts where these drawing texts are contained.   |
| 15.11.2018 | 3,1487  | J.Fes   |          | Scripts/Params.                   | Ver.Info                    | Change: | Parameter settings for NX-Refile and NX-PartUpdate updated<br>if JC.Script(cmd) matches parameters are shown for<br>- *Refile*Nativ*\* -> RefileNativ<br>- *Refile*SAP*\* -> RefileNativ<br><br>- *RefileNX*\* -> RefileTc<br>- Rf*\* -> RefileTc<br><br>- *PartU*Nativ* -> PartUtilNativ<br>- *PartU*SAP* -> PartUtilNativ<br>-<br>- *PartU*TC* -> PartUtilTC  |
| 31.10.2018 | 3,1486  | S.Gueth | 6056     | CommandLineArgs<br>JobControl JCT | UpdDb=Yes                   | New:    | -Action "JobControl_2018_10" -SubAction "ControlActivStatus"<br>Controls Active Status for JobComputer JobRules JobGroups and Sites<br>Parameters:<br>-JobRoot_DP "c:\temp\xx"□#Doc: root dir of current running job<br>-Type "JobComputer JobGroup JobRule Site" #Doc: defines the type Of the job control active status<br>-Name□addPLM-*,JF-21"□#Doc: defines the name Of the job control type, you can define multiple names seperated With ;<br>And you can use wildcards (*)<br>-Status□ON OFF Activ Inactiv"□#Doc: defines the status Of the job control that should be Set, you can Set On / OFF Or<br>Activ / Inactiv<br>-Description□test description"□#Doc: defines a description / note, that will be displayed In the JobServer at<br>JobControlInfo   |
| 23.10.2018 | 3,1481  | J.Fes   | 1145     | JobControl JCT                    |                             | New:    | extract a customized import list for job data to process<br>-Action "JobDataExtract_2013_10" -SubAction "InputListExtract"<br>cmd Example: -format "#ItemId#_REV:_#Rev#_Type:_#ObjectType#" -JobRoot_DP "C:\temp\job1" -inputList_DPNE<br>"#JobRoot_DP#\inputList.txt"<br><br>format.: defines the content of each inputlist, you can use these variables:<br>#ItemId#<br>#IrId#<br>#Rev#<br>#ObjectId#<br>#ObjectName#<br>#ObjectType#<br>#ObjectOwningSiteID#<br>#ObjectFromSiteID#<br>#ObjectCliName#<br>#ObjectCliNameForNX#<br>#ObjectFs_Vol#<br>#ObjectGroup#<br>#ObjectOwner#<br>#ObjectPuid#<br>#IrNameCLI#<br>#ObjectCreateDate#<br>#ObjectFs_DPNE#<br>#ObjectLastModDate#<br>#ObjectLastModUser#<br>#ObjectUgMaster_Type#<br>#ProcStateCol01# .. #ProcStateCol20#<br>#ProcStateColRf#<br>#ProcStateColMc#<br>....<br>#New: 3.1481;23.10.2018;New: List extract support's now also following valiables<br>#ObjectUgMaster_APLevel#<br>#ObjectUgMaster_CompCount# |

| Date       | Version | User    | Issue-Nr | Categorie                | Additional Info    | Type    | Description  |
|------------|---------|---------|----------|--------------------------|--------------------|---------|--|
| 11.09.2018 | 3,1475  | S.Gueth |          | GUI ObjectList           |                    | New:    | added Pivot functionality<br>Pivot data can be filtered and displayed in Objects List tab<br>Pivot statistics can be exported via Excel  |
| 31.08.2018 | 3,1475  | S.Gueth |          | JCT                      |                    | Change: | TCData Quality Check: renamed 'PFRefFolder' check to 'PFCheck'   |
| 30.08.2018 | 3,1475  | S.Gueth |          | JCT                      |                    | Change: | -Action "TCDataQuality_2016_09" -SubAction "TCDataQualityCheckVer1"<br>cumulated all 5 part family checks of ir to 1 result  |
| 27.08.2018 | 3,1475  | S.Gueth |          | Settings JCT             | Check.Settings     | New:    | added 'Import CB Drawing Data to JobMgr DB' to CheckBox settings manager config<br>If set to true, CheckBox drawing data will be imported into JobManager database   |
| 10.08.2018 | 3,1474  | J.Fes   |          | Import Sites/Data Import | UpdDb=Yes          | New:    | During Import/Update Sync last modification date of dataset is also used   |
| 23.07.2018 | 3,1472  | J.Fes   |          | JCT                      | Ver.Info           | Change: | -Action "RefileNative_2016_02" -SubAction "PartByPart"<br>If option -convert_mcs has been used then filename parameter -convert_mcs=<filename><br>has been incorrect generated.<br>Issue is now solved by code changes   |
| 21.06.2018 | 3,1468  | S.Gueth |          | Settings CheckBox        | Check.Settings     | New:    | -Action "CBTools_2012_05" -SubAction "CBMoveCBFilesToCBArchiv"<br>Export CheckBox duration times to excel file<br>Check CBMgrConfig Settings:<br>'CB Duration To Excel File'<br>'CB Duration Excel File (full path and name)'  |
| 30.05.2018 | 3,1468  | J.Fes   |          | Import Sites/Data Import | UpdDb=Yes Ver.Info | New:    | Import updatet: During Import an 'NX Partfamily Master' the PF-Master-Member check will be called.<br>'PF-Master-Member check' will list all Partfamily Members and reports status of Partfamily Members<br>Example:<br> .....<br>  PF-Master-Member check for...: PFMaster/A(= PF - Master)<br>  PF-Members.....: ItemId/ RevId Result<br>  PF-Member 1/2 .....: PFMember-1/A WRN_361_PFMemberFolderRef<br>  PF-Member 2/2 .....: PFMember-2/A OK<br> .....<br>  PF-Master-Member check result: PFMaster/ A(= PF - Master)<br>  PF-Member (n).....: 2<br>  PF-Member (n) has Issues.....: 1<br>  PF-Master Result.....: WRN_366_PFMasterMemberHasWRN;WRN_361_PFMemberFolderRef<br> .....<br><br>Hint: if you want to redo the PF-Master-Member check please<br>Import manually the PF-Master Object |

| Date       | Version | User  | Issue-Nr | Categorie                | Additional Info    | Type    | Description   |
|------------|---------|-------|----------|--------------------------|--------------------|---------|---|
| 30.05.2018 | 3,1468  | J.Fes |          | Import Sites/Data Import | UpdDb=Yes Ver.Info | Change: | <p>Import updatet:</p> <p>During Import folowing WRN and ERR are now proved:</p> <div><div>WRN_100_BOMAnaylse_LevMax</div><div>appear if during 'AP-BOM Analyse' max levels is exceeded</div></div> <div><div>WRN_110_BOMAnaylse_CompMax</div><div>appear if during 'AP-BOM Analyse' max comp count is exceeded</div></div> <div><div>WRN_120_BOMAnaylse_TimeMax</div><div>appear if during 'AP-BOM Analyse' max duration is exceeded</div></div> <div><div>ERR_130_BOM_isSelfRef</div><div>appear if during 'AP-BOM Analyse' returns that BOM is selfreferncing</div></div> <div><div>ERR_131_BOM_SubAp_isSelfRef</div><div>appear if during 'AP-BOM Analyse' returns that a Sub of BOM BOM is selfreferncing</div></div> <div><div>WRN_140_DSHasMultiIrRefs</div><div>appear if found that a Dataset has refernces in mulible revisions</div></div> <div><div>ERR_150_IrHasDsWithSameName</div><div>appear if found that a revision has Datasets with same name of same type</div></div> <div><div>ERR_200_DateTimeIsNull</div><div>appear if found that Date Time Data are not set.</div></div> <div><div>ERR_201_DateTimeFormatWrong</div><div>appear if found that a DateTime format has wrong format</div></div> <div><div>WRN_202_RelDateIrToStatusObjDif</div><div>appears when last release date of IR and release date of work Space object (IR) are different (New: 3.1463;30.04.2018;S.Gueth)</div></div> <div><div>ERR_203_RelDateIrIsMissing</div><div>appears when last release date of IR (work space object) exists and release Date of status object IR Is empty (New: 3.1463;30.04.2018;S.Gueth)</div></div> <div><div>ERR_204_RelDateWSOIsMissing</div><div>appears when last release date of IR (work space object) is empty and release date of status object IR exists (New: 3.1463;30.04.2018;S.Gueth)</div></div> <div><div>ERR_301_DSIsMissingFile</div><div>appear if found that Dataset has no 'CAD-Part' File in named refernce</div></div> <div><div>ERR_302_DSHasMutiCADFiles</div><div>appear if found that Dataset has more then 1 'CAD-Part' File in named refernce</div></div> <div><div>Partfamily Members #New: 3.1464;11.05.2018;J.Fes</div><div></div></div> <div><div>WRN_361_PFMemberFolderRef</div><div>appear if Partfamily Member Item is not below 'PFMaster-Item-folder'</div></div> <div><div>WRN_362_PFMasterFolderRef</div><div>appear if Partfamily Master has no Partfamily 'PFMaster-Item-folder'</div></div> <div><div>WRN_363_PFMasterNoPFMember</div><div>appear if Partfamily Master is missing Partfamily Members</div></div> <div><div>WRN_364_PFMasterMemberFolderRef</div><div>appear if Partfamily Master and Members is missing 'PFMaster-Item-folder'</div></div> <div><div>WRN_365_PFMasterMissing</div><div>appear if Partfamily Members is missing Partfamily Master</div></div> <div><div>WRN_366_PFMasterMemberHasWRN</div><div>appear if Partfamily Members of PartFamiliy Master has warnings</div></div> |

| Date       | Version | User    | Issue-Nr | Categorie                            | Additional Info            | Type    | Description   |
|------------|---------|---------|----------|--------------------------------------|----------------------------|---------|---|
| 15.05.2018 | 3,1464  | S.Gueth |          | Import Sites/Data<br>Import Settings | Check.Settings             | New:    | -TC - Dataimport: Release Status Import All can now be switch ON/OFF during import<br>By default it Is switched OFF via value false.<br><br>Settings are avialbel for each TC-Site via<br>Sites/ Data Import -> open Edit Site def. dialog<br>-> Import Stettings 3<br>-> 4 - Import eXtendet<br>-> 8 - Import all release states ON/OFF  |
| 11.05.2018 | 3,1464  | J.Fes   |          | Import                               | UpdDb=Yes Ver.Info         | Change: | PartFamily anlayse during import/update has been improved<br>Now it is anlayse that PartFamily Master contains PartFamily folder ('PFMaster-Item-folder') below Item of PartFamily<br>ItemRevision<br>Now it is anlayse that PartFamily Member Item referenced in PartFamily-Folder ('PFMaster-Item-folder')<br><br>Issue is now solved by code changes   |
| 11.05.2018 | 3,1464  | J.Fes   |          | Import Settings                      | Ver.Info                   | New:    | TC - Dataimport Partfamily-Analyse during import/Update can be now switch ON/OFF<br>By default it is switched ON via value true.<br>If TC read performance is low please switch off Partfamily Analyse.<br><br>Settings are avialbel for each TC-Site via:<br>Sites/Data Import -> open Edit Site def. dialog<br>-> Import Stettings 3<br>-> 4 - Import eXtendet<br>-> 7 - Partfamily-Analyse on import/update ON/OFF |
| 09.05.2018 | 3,1463  | S.Gueth |          | Settings JCT                         | Check.Settings             | Change: | -Action "TcExtractData_2013_10" -SubAction "TCDataExtract"<br>Subaction renamed from "TCDataExtract_ForRefile" to "TCDataExtract"   |
| 04.05.2018 | 3,1463  | S.Gueth |          | Import Sites/Data<br>Import Settings | Check.Settings             | New:    | site setting '6 - Compare IR WSO rel date and status obj rel date on import' added<br>If set to true, release date of IR Work Space Object and last status object will be compared during import<br>on deviation: WRN_202_RelDateIrToStatusObjDif will be set to import ERR/WRN   |
| 02.05.2018 | 3,1463  | S.Gueth |          | Settings JCT                         | Check.Settings             | New:    | added 1.3.3 Check relese date WSO and last release dtae of status object<br>If ON it checks if the release date of the IR worksapce object and the release date of the last status object of the IR are<br>the same   |
| 30.04.2018 | 3,1463  | S.Gueth |          | JCT                                  |                            | Change: | ChecBox - Result Viewer did NOT displayed in all cases the .tif files<br>when there are mor then 2 different extracts<br>Issue is solved by code changes.   |
| 10.04.2018 | 3,1462  | J.Fes   |          | JobControl Settings                  | UpdDb=No<br>Check.Settings | New:    | JobScripts parameters enhanced<br>JobParameter supports now settings dialog for:<br>RefileTc RefileNativ PartUtilTC PartUtilNativ<br><br>if 'JC.Script(cmd)' matches folowig values this dialog opens<br><br>JC.Script(cmd)           -> Dialog:<br>*RefileNX*\* or Rf*\*   -> RefileTc<br>*Refile*Nativ*\*       -> RefileNativ<br>*PartUtil*TC*\*       -> PartUtilTC<br>*PartUtil*Nativ*\*      -> PartUtilNativ   |
| 29.03.2018 | 3,146   | S.Gueth |          | Settings JCT                         | Check.Settings             | New:    | method M3_byAutomation added for parameter BOMCompairBOMRefFindMethode<br>try to find coresponding BOM line first by 'M1_byBOMPuid' if not found by 'M2_byBOMData'  |
| 26.03.2018 | 3,1459  | S.Gueth |          | Settings                             | Check.Settings             | New:    | Compression Archive Format can no be set specifically for server and client in JobManager settings<br>default for server is ZIP<br>default for client is 7z   |
| 25.03.2018 | 3,146   | J.Fes   |          | Import Sites/Data<br>Import          | Ver.Info                   | New:    | Data Model: Customer Attributes.<br><br>It does support's now also to read Item and ItemRev Attributes  |
| 06.03.2018 | 3,1456  | S.Gueth |          | Settings JCT                         | Check.Settings             | New:    | -Action "RefileTC_2012_01" -SubAction "evaluate"<br>parameter: UGPartCheck (if set, UGPart named references will be checked)<br>parameter: TSOCheck (if set, TSO Named refferences will be checked)   |
| 06.03.2018 | 3,1456  | S.Gueth |          | Settings JCT                         | Check.Settings             | New:    |   |

| Date       | Version | User    | Issue-Nr | Categorie  | Additional Info    | Type         | Description   |
|------------|---------|---------|----------|------------|--------------------|--------------|---|
| 02.03.2018 | 3,1456  | J.Fes   |          | ObjectList | UpdDb=Yes Ver.Info | New:         | Object list supports now new Columes<br>- Obj.in.Gr(s):: contains Groups where Object are added into<br>- Obj.in.Sel.Gr: contains only first Group (by alpha order) where Object is added into<br><br>#Example: Group G1 + G2 + G3 is selected<br>ObjId    'in Groups'    'Obj.in.Gr(s)' 'Obj.in.Sel.Gr'<br>Obj01    'G1,G2,G3'    'G1,G2,G3'        'G1'<br>Obj02    'G2,G3'        'G2,G3'            'G2'<br>Obj03    'G1,G3'        'G1,G3'            'G1'<br>Obj04    'G3'            'G3'                'G3'<br><br>Notes:<br>If you use have this colume visible in your ObjectList and you are NOT filtering via Groups and you do not use the Groups in the grid then please remove this Columes from Datagrid because dataread performance is slower. |
| 27.02.2018 | 3,1454  | A.Stein |          | JCT        | Ver.Info           | New:         | -Action "NxDataProcessing_2013_09" -SubAction "NxImportFiles"<br>now it is possible to import additional Files to TC via JobMgr cmd tools   |
| 27.02.2018 | 3,1454  | A.Stein |          | JCT        | Ver.Info           | New:         | -Action "NxDataProcessing_2013_09" -SubAction "NxImportFiles"<br>now it is possible to import additional Files to TC via JobMgr cmd tools   |
| 08.02.2018 | 3,1453  | J.Fes   |          | DB         | UpdDb=Yes          | Change:      | Process result data table extendet:<br>Now data colume storing JobResult Links are extendet from 255 to 450 nvarchar<br>This change is required because customer need long path names to JobMgrDataStore directory  |
| 07.02.2018 | 3,1453  | J.Fes   |          | JobControl | Ver.Info           | New:         | JobControl Rules enhanced<br>Now you have the posibility in a JobRule to define extend JC.Script(cmd).ParamExt<br>#Doc: Value will be appendet to referenced J.Script/Param -> JC.Script(cmd).ParamExt<br>#Doc: With this enhancemnt we provide easy definition of JobVariants  |
| 02.02.2018 | 3,1451  | A.Stein |          | Import     |                    | New:<br>Doc: | Clear Results<br>'Dim ResGroupDefault As New ResultSecs_cls(AttrSync, 0)<br>'-- #Step: (only Optional) Create additional ResGroup<br>' Dim ResGroup01 As New ResultSecs_cls(Gr01, -1)<br><br>'-- #Step: Create and add ResSection(s) to ResultSecsGr<br>'Dim RSecMetaData As ResultSec_cls = Me.ResGroupDefault.AddNewResultSection(MetaData, 0)<br><br>''' <summary><br>''' fuction to execute attribute sync for all objects<br>''' </summary><br>''' <remarks><br>''' #New: 3.145105.02.2018A.Stein  |



| Date       | Version | User    | Issue-Nr | Categorie                            | Additional Info             | Type         | Description   |
|------------|---------|---------|----------|--------------------------------------|-----------------------------|--------------|---|
| 02.02.2018 | 3,1451  | A.Stein |          | Import                               |                             | New:<br>Doc: | <div>Clear Results</div> <div>Dim ResGroupDefault As New ResultSecs_cls(AttrSync, 0)</div> <div>'-- #Step: (only Optional) Create additional ResGroup</div> <div>' Dim ResGroup01 As New ResultSecs_cls(Gr01, -1)</div> <div></div> <div>'-- #Step: Create and add ResSection(s) to ResultSecsGr</div> <div>Dim RSecMetaData As ResultSec_cls = Me.ResGroupDefault.AddNewResultSection(MetaData, 0)</div> <div>Dim RSecAttrSync As ResultSec_cls = Me.ResGroupDefault.AddNewResultSection(AttrSync, 0)</div> <div></div> <div></div> <div>''' &lt;summary&gt;</div> <div>''' fuction to execute attribute sync for all objects</div> <div>''' &lt;/summary&gt;</div> <div>''' &lt;remarks&gt;</div> <div>''' #New: 3.145105.02.2018A.Stein</div>  |
| 02.02.2018 | 3,1451  | A.Stein |          |                                      |                             | New:<br>Doc: | <div>Clear Results</div> <div>Dim ResGroupDefault As New ResultSecs_cls(AttrSync, 0)</div> <div>'-- #Step: (only Optional) Create additional ResGroup</div> <div>' Dim ResGroup01 As New ResultSecs_cls(Gr01, -1)</div> <div></div> <div>'-- #Step: Create and add ResSection(s) to ResultSecsGr</div> <div>Dim RSecMetaData As ResultSec_cls = Me.ResGroupDefault.AddNewResultSection(MetaData, 0)</div> <div>Dim RSecAttrSync As ResultSec_cls = Me.ResGroupDefault.AddNewResultSection(AttrSync, 0)</div> <div>Dim RSecSetReleaseState As ResultSec_cls = Me.ResGroupDefault.AddNewResultSection(RelStatus, 0)</div> <div></div> <div></div> <div>''' &lt;summary&gt;</div> <div>''' fuction to execute attribute sync for all objects</div> <div>''' &lt;/summary&gt;</div> <div>''' &lt;remarks&gt;</div> <div>''' #New: 3.145105.02.2018A.Stein</div> |
| 30.01.2018 | 3,145   | J.Fes   |          | Import Sites/Data<br>Import Settings | UpdDb=Yes<br>Check.Settings | New:         | <div>Process Results Links now can be updated via</div> <div>Sites/Data Import-&gt; Admin-&gt; 2.1 - Update JobResult Links (!- dry run -!)</div> <div>Sites/Data Import-&gt; Admin-&gt; 2.2 - Update JobResult Links (!- Activ run -!)</div> <div></div> <div>If this function is used</div> <div>Then existing JobLinks will be updatet in JobMgr.DB</div> <div>Update is using Replacment rules form ServerSettings --&gt; 'Replace Rules for J.Links'</div> <div>Please review settings befor using</div>   |
| 25.01.2018 | 3,1449  | J.Fes   |          | JCT                                  | Ver.Info                    | New:         | <div>-Action "NxDataProcessing_2013_09" -SubAction "NxToTc_UG_Clone"</div> <div>now it is possible to import NX.prt files to TC</div> <div>via JobMgr cmd tools</div>   |
| 25.01.2018 | 3,1449  | J.Fes   |          | JCT                                  | Ver.Info                    | New:         | <div>-Action "NxDataProcessing_2013_09" -SubAction "StepToNx"</div> <div>now it posible to convert step files to nativ NX.prt parts</div> <div>via JobMgr cmd tools</div>   |
| 22.01.2018 | 3,1448  | J.Fes   |          | JCT                                  | Ver.Info                    | Change:      | <div>-Action MigIdeas2NX_2013_10 -SubAction "CMM_ResultEval"</div> <div>- Migration report evaluation enhanced</div> <div></div> <div>- Migration report evaluation ResultCode (P.Res.Code)</div> <div>will be set to to part types 'ProPrt' and 'IdeasPart'</div> <div>.</div> <div>- Migration report evaluation Message (P.Res.Msg.)</div> <div>will be set to all part types</div> <div>including ProPrt,ProAsm,ProDrw,IdeasPart,IdeasAssembly,IdeasDrawing</div>   |

| Date       | Version | User    | Issue-Nr | Categorie        | Additional Info | Type    | Description   |
|------------|---------|---------|----------|------------------|-----------------|---------|---|
| 22.01.2018 | 3,1448  | J.Fes   |          | JCT              | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction "CMM_ResultEval"<br>- Migration report evaluation enhanced<br><br>- Migration report evaluation ResultCode (P.Res.Code) will be set to to part types 'ProPrt' and 'IdeasPart'<br>.<br>- Migration report evaluation Message (P.Res.Msg.) will be set to all part types including ProPrt,ProAsm,ProDrw,IdeasPart,IdeasAssembly,IdeasDrawing |
| 20.01.2018 | 3,1448  | J.Fes   |          | JobControl       | UpdDb=Yes       | New:    | JobComputer definitions contains now new colume to select TC-Password file  |
| 18.01.2018 | 3,1447  | J.Fes   |          | JobControl       | UpdDb=Yes       | New:    | Job Computers settings enhanced now it is posible to define a tc password file.<br>If using TC.Passw.File then tc commanline tool may use password file (-pw ..)<br>instead of using plain text password (-p ..) in command line.<br>Hint: Please check if TC<br>see 'Job Control' -> 'Job Computers'<br>Issue is now solved by code changes                                      |
| 11.12.2017 | 3,1443  | J.Fes   |          | ObjectJobResults | Ver.Info        | Change: | -Action "ANY" -SubAction "ANY"<br>If at final P.Res.Code = '' (empty = blank)<br>then result is set to<br>P.Res.Code = 'UNK-01'   |
| 11.12.2017 | 3,1443  | J.Fes   |          | CheckBox         | Ver.Info        | Change: | -Action "CBTools_2012_05" -SubAction "CBMoveCBFilesToCBArchiv"<br>NX.Sylog.END Analyse Enhanced<br>For Objects the correct NX.Syslog.section END: is now found<br>CheckBox returns now [NX.Syslog.END:OK]   |
| 08.12.2017 | 3,1443  | S.Gueth |          | Settings JCT     | Check.Settings  | New:    | added new check to tc data quality:<br>2.3 Check if Dataset Versions are refferenced by folders   |
| 01.12.2017 | 3,1442  | S.Gueth |          | Scripts/Params.  |                 | New:    | added Drop Down button to JobScript coloumn in Scripts/Parameters in the JobServer<br>on clicking this button, it will show you the documentation files of the current script   |
| 29.11.2017 | 3,1442  | J.Fes   |          | CheckBox         | Ver.Info        |         | Compair Rule: Dimenson objects (Entity_Type26_SubType*) that is visible in the drawing are analyzed<br>This Objects has values Status = 3 and ViewDependent <> '' (not empty)<br><br>#Doc: this rule is defined since Version 2.0688; 23.09.2010  |
| 29.11.2017 | 3,1442  | J.Fes   |          | CheckBox         | Ver.Info        |         | Compair Rule: draft objects (Entity_Type25_SubType*) that is visible in the drawing are analyzed<br>This Objects has values Status = 3 and ViewDependent <> '' (not empty)<br><br>#Doc: this rule is defined since Version 2.0688; 23.09.2010   |
| 28.11.2017 | 3,1442  | J.Fes   |          | DB               | UpdDb=Yes       | Change: | Object data tabel extendet:<br>Now data colume for puid are extendet from 32 to 64 nvarchar<br>This change is required because some application data ID are larger the 32 chars   |
| 28.11.2017 | 3,1442  | J.Fes   |          | JCT CheckBox     | Ver.Info        | New:    | After converting cgm's to tif via %UGII_BASE_DIR%\NXPLOT\cgm2tiff.exe<br>remaining file %tmp%\input.cgm -or- %temp%\input.cgm -or- %UGII_TMP_DIR%\input.cgm will be deleted.<br>Is is needet to prevent getting mixed tif files if multible<br>conversion jobs are running in the same time on the same JobClient."<br>Enhancement implemented by code extensions                 |
| 27.11.2017 | 3,1442  | J.Fes   |          | JobControl       | Ver.Info        | Change: | Issue: If data of 'Native Site' are processed<br>then only 1 object to processed where contained in Job.<br><br>Issue is now solved by code changes   |
| 21.11.2017 | 3,1438  | J.Fes   |          | Import           | Ver.Info        | Doc:    | Import TC Data enhanced<br>Anaylse Partfamily data enhanced<br>Improvment:<br>PFMaster - PFMember reletion are now detected via 'IMAN_UG_part_family_link'<br>This methode is better then old methode to find<br>PFMaster - PFMembers reletion find via folder 'Family Members' or 'Familienmitglieder'   |
| 17.11.2017 | 3,1437  | J.Fes   |          | ObjectJobResults | Ver.Info        |         | -Action "BOMCompair" -SubAction "EVALUATION"<br>During compair BOMLines evaluation of Values enhanced<br>If pre or post value is Nothing then evaluation is now evaluated as:<br>'OK' if pre=nothing and post=nothing<br>'ERR' if pre='has value' and post=nothing<br>'ERR' if pre=nothing and post='has value'   |

| Date       | Version | User    | Issue-Nr | Categorie          | Additional Info | Type    | Description   |
|------------|---------|---------|----------|--------------------|-----------------|---------|---|
| 14.11.2017 | 3,1437  | J.Fes   |          | Import             | Ver.Info        | New:    | It is now posible to import metadata of 'JT' and 'STEP' datasets into PLMJobManager<br>DataSetType supplemented by folowing entrys:<br>- 'File DS.Type NamedRef.Type'<br>- 'JT.SP DirectModel JTPART'<br>- 'JT.AP DirectModelAssembly ConfiguredAssembly'<br>- 'STEP.SP STEP STEP'<br>- 'STEP.AP STEP StepAssembly'   |
| 09.11.2017 | 3,1436  | S.Gueth |          | JCT                |                 | Doc:    | default result codes for BOM compair:<br>BOM-101: BOM-1pre.xml exists<br>BOM-102: BOM-2post.xml exists<br>BOM-103: BOM-1pre.xml BOM-2post.xml exists<br>BOM-109: Info last mod date of BOM<br>BOM-110: BOM IR puid is consistend<br>BOM-122: BOM IR Item name is consistend<br>BOM-123: BOM IR Rev is consistend<br>BOM-124: BOM IR FromSiteId is consistend<br>BOM-111: BOM precise/imprecise is consistend<br>BOM-112: BOM-Lines count<br>BOM-113: BOM-Lines pre ref content<br>BOM-114: BOM-Lines post ref content<br>BOM-115: BOM-Lines Info about compair<br>BOM-116: BOM-Lines Sequence Number compair<br>BOM-117: BOM-Lines BOML_OcN_ptt_puid compair<br>BOM-118: BOM-Line occurrence notes report<br>BOM-118-UGN: BOM-Line BOM-Line occurrence notes UG Name report<br>BOM-119: BOM-Line ItemName report<br>BOM-120: BOM-Line ItemPuid report<br>BOM-121: BOM-Line rev report<br>BOM-125: BOM-Line qty_val compair<br>BOM-126: BOM-Line trf_rot00 compair<br>BOM-127: BOM-Line trf_rot01 compair<br>BOM-128: BOM-Line trf_rot02 compair<br>BOM-129: BOM-Line trf_rot10 compair<br>BOM-130: BOM-Line trf_rot11 compair<br>BOM-131: BOM-Line trf_rot12 compair<br>BOM-132: BOM-Line trf_rot20 compair<br>BOM-133: BOM-Line trf_rot21 compair<br>BOM-134: BOM-Line trf_rot22 compair<br>BOM-135: BOM-Line trf_per0 compair<br>BOM-136: BOM-Line trf_per1 compair |
| 09.11.2017 | 3,1436  | S.Gueth |          | Admin Settings JCT | Check.Settings  | Doc:    | option "Ignore all conditions" added in result classification rules<br>If this property is set to true, then all conditions will be ignored and the result of the given rule will be used   |
| 08.11.2017 | 3,1436  | S.Gueth |          | Settings JCT       | Check.Settings  | New:    | -Action "TCDataQuality_2016_09" -SubAction "TCDataQualityCheckVer1"<br>Part Family Member (PFM) references will be checked in TC Data Quality check:<br>See point 3.6 in data quality settings<br>Results for this check are stored on Item Revision<br>error code 361: Partfamily Member Item is not below 'PFMaster-Item-folder'<br>error code 362: Partfamily Master has no Partfamily 'PFMaster-Item-folder'<br>error code 363: Partfamily Master is missing Partfamily Members<br>error code 364: Partfamily Master and Members is missing 'PFMaster-Item-folder'<br>error code 364: Partfamily Members is missing Partfamily Master   |
| 08.11.2017 | 3,1436  | J.Fes   |          | ObjectList         | Ver.Info        | Doc:    | In Objectlist process state did not displayed in all cases process status mapped value<br>Issue is now solved by code changes   |
| 17.10.2017 | 3,1433  | S.Gueth | 5546     | Settings CheckBox  | Check.Settings  | New:    | Settings for BOMCompair in CheckBox settings:<br>1. Trans.Matrix: transformation deviation absolute result rules<br>2. Trans.Matrix: rotation deviation absolute result rules<br>defines result classification rules for transformation and rotation deviation in the translation matrix  |
| 09.10.2017 | 3,1433  | J.Fes   |          | JCT                | Ver.Info        | Change: | -Action "GB_SAPIntegration_2017_01_03" -> SAPChkInUnlogEvaluate<br>Methode during SAPChkInUnlogEvaluate enhanced<br>In case process step 'SAP CheckIn Unlog' returend no result<br>then Result.Code = RFSAP-0002 and Result.Msg = ' .. [CI:ERR:NOT Processed]'  |
| 09.10.2017 | 3,1433  | J.Fes   |          | JCT                | Ver.Info        | Change: | -Action "GB_SAPIntegration_2017_01_03" -> RunConnector<br>Methode during RunConnector enhanced<br>In case RunConnector returns exit code = 100<br>then we retry to Run Connector but allover may 3 times  |

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|------------|---------|---------|----------|---------------------------------|-----------------------------|---------|---|
| 18.09.2017 | 3,1429  | S.Gueth |          | Settings JCT CheckBox           | Check.Settings              | New:    | added BOM data settings into CheckBox settings<br>defines in which way the BOM data should be compared  |
| 13.09.2017 | 3,1428  | S.Gueth |          | Scripts/Params.<br>Settings JCT | UpdDb=Yes<br>Check.Settings | New:    | Instead of setting parameters for a cmd tools action and subaction in the job script<br>you can now define them in the JobManager at:<br>Scripts/Param. -> CMD.Tools.Process.Parameters<br>this will generate an xml file with the specified settings<br>then you only have to set the xml file name as parameter when you call the cmd tools in the script<br>Example:<br>JobManagerCMDTools.exe -SubActionSettingsXML SubActionSettingsXmlFileName.xml  |
| 30.08.2017 | 3,1428  | J.Fes   |          | ObjectList                      | Ver.Info                    |         | Issue JobMgr did show an 'ERROR Message Box' if no 'f.Site' was selected in case of use:<br>'Object List'<br> -> 'EXTRA'<br> -> View all datasets of NX Assembly (analyze by:[BOM structure])<br> -> View in Datagrid where IRs 'is used' (analyze by:[BOM structure])<br> -> List in Textbox where IRs 'is used' (analyze by:[BOM structure])<br> -> Import data of Items/IRs<br> -> Import data of Items/IRs (incl. Assembly Components)<br><br>Now an Information is printed into TextBox  |
| 30.08.2017 | 3,1428  | J.Fes   |          | Import Sites/Data<br>Import     | UpdDb=Yes                   | Change: | If during data Import/Update Status 'X.PLM.ERR' has been assigned (because an PLM issue happend)<br>then status has been assigned to all datasets of IR.<br>Behavior is now changed that only the Dataset with the 'PLM issue' get the status 'X.PLM.ERR'   |
| 29.08.2017 | 3,1427  | S.Gueth |          | JCT                             | UpdDb=No                    | New:    | Subaction 'JobData4ResultsReadFromFile' for Action 'JobDataEdit_2012_09'<br>sets the process result from a csv file to the coresponding object in the job packet<br>example csv file:<br>#PUIID#;#ResultCode#;#ResultMsg#;#ResultLnk#;#ResultMsgExtendet#;#ResultHasWRN#;#ProcessTimeStart#;#ProcessTimeEnd#<br>"B4cJeALIYonpGC";"0";"OK";"";"OK 3 IRS Renamed";"False";"30.01.2017 12:31:21";"30.01.2017 12:34:45"<br>"BwUJeALIYonpGC";"0";"OK";"";"OK A001->001";"False";"30.01.2017 12:31:21";"30.01.2017 12:34:45"<br>Date format: dd.MM.yyyy HH:mm:ss  |
| 19.08.2017 | 3,1424  | J.Fes   |          | JCT                             | Ver.Info                    | New:    | -Action "RefileTC_2012_01" -SubAction "EVALUATE"<br>Evaluation is now using _Rf20_RefileJob_2.log for evaluation<br>if _Rf20_RefileJob.log is incomplead<br>Background:<br>When refile process failes then _Rf20_RefileJob.log is incomplead<br>please use .\10-JobScripts\RefileNX11\ClientScripts\RfExecute.cmd<br>Version: 19.08.2017  |
| 19.08.2017 | 3,1424  | J.Fes   |          | ObjectList                      | Ver.Info                    | Change: | Application behavior canged<br>In 'Obect List' n.Obj was automaticly set<br>if an file has been used as the soure to find objects.<br>New behavior is now that n.Obj is not anymore changed if an file is used.   |
| 15.08.2017 | 3,142   | J.Fes   |          | GUI                             | Ver.Info                    | Change: | If Syslog Text Box is was emptied then<br>also a new Logfile is generated.<br>Hint: all previous logfiles will be kepted.   |
| 14.08.2017 | 3,142   | J.Fes   |          | ObjectList                      | Ver.Info                    | New:    | Context menue extended with new entry<br>'copy ItemID to clipboard Shift Strg + C'<br>this new function allows you to copy parsed ItemId  |
| 10.08.2017 | 3,1419  | S.Gueth | 5433     | Scripts/Params.<br>Settings     | Check.Settings              | New:    | added BOM compair to refile process<br>set parameter JobMgr_BOMCompair in refile script to ON   |
| 07.08.2017 | 3,1419  | J.Fes   |          | JCT                             | Ver.Info                    | New:    | -Action "RefileTc_2012_01" -SubAction=EVALUATE"<br>has a additional Paramter -UpdateImanFileProps_EXE_DPNE "%JobRoot_DP%\..\BinL\UpdateImanFileProps.exe"<br>if this option has a value and points to Program UpdateImanFileProps.exe<br>then Process UpdateImanFileProps will be executed.<br>To trigger the action please add to RfCustomSetEnv.cmd<br>set JobMgr_RfExtEvalROpt=-UpdateImanFileProps_EXE_DPNE "%JobRoot_DP%\..\BinL\UpdateImanFileProps.exe"<br><br>if you want to use additional settings then use option:<br>-UpdateImanFileProps_Options -config='"%JobRoot_DP%\..\BinL\UpdateImanFileProps_config.txt"' |

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| 07.08.2017 | 3,1419  | J.Fes    |          | JCT                                    | Ver.Info           | New:    | <p>-Action "RefileTc_2012_01" -SubAction=EVALUATE"</p> <p>has a additional Paramter -UpdateImanFileProps_EXE_DPNE "%JobRoot_DP%\..\BinL\UpdateImanFileProps.exe"</p> <p>if this option has a value and points to Program UpdateImanFileProps.exe</p> <p>then Process UpdateImanFileProps will be executed.</p> <p>To trigger the action please add to RfCustomSetEnv.cmd</p> <p>set JobMgr_RfExtEvalROpt=-UpdateImanFileProps_EXE_DPNE "%JobRoot_DP%\..\BinL\UpdateImanFileProps.exe"</p> <p>if you want to use additional settings then use option:</p> <p>-UpdateImanFileProps_Options -config='"%JobRoot_DP%\..\BinL\UpdateImanFileProps_config.txt"'</p>  |
| 04.08.2017 | 3,1416  | S.Gueth  |          | GUI TaskScheduler<br>Settings          | Check.Settings     | New:    | <p>Clean Up of JobManager data, process data and CheckBox data is now available</p> <p>1. via JobManager gui: 'Extra' -&gt; 'JobServer / CheckBox data clean up...'</p> <p>2. via Task Sheduler.: 'JobServerCheckBoxCleanUp.vb'</p> <p>JSSyslog CleanUp.....: defines if the JobServer syslog files should be cleaned up</p> <p>-&gt; all files older Then 30 days will be deleted</p> <p>ProcessData CleanUp...: defines if ProcessData Zip/7z files should be cleaned up</p> <p>-&gt; all files, that have no reference In JM database will be deleted</p> <p>CBData CleanUp.....: defines if the CheckBox data in the given CheckBox data root dir should be cleaned up</p> <p>Clean up by CB xml file:</p> <p>the process is looking for all xml files that are not refferenced in JM database (as result link)</p> <p>within the specified site id's</p> <p>if there is no refference, the process is also looking for corresponding cgm, tif and syslog files</p> <p>-&gt; all these files will be deleted</p> <p>Clean up by Item Revision Object:</p> <p>the process is looking for folders that contains cb xml files</p> <p>the item revision object will be identified by the folder structure</p> <p>-&gt; example C:\CBData\Root\ ... \ItemID\Rev\CBExtract.xml</p> <p>if this object does not exist in the JobManager db within the specified site id's</p> <p>-&gt; the whole folder (where the xml file is located) within subfolders will be deleted</p> |
| 06.07.2017 | 3,1413  | J.Fes    |          | Import Sites/Data<br>Import ObjectList | UpdDb=Yes          | Change: | <p>PLM Structure Error default value changed from:'X.TC.Struc.ERR' to 'X.PLM.ERR'</p> <p>During updating Object Data process status will be set from 'X.PLM.ERR' to 'N'</p> <p>If value for colume 'O.Imp.Msg WRN/ERR' do not contains text 'ERR' anymore.</p>  |
| 06.07.2017 | 3,1412  | A.Becker |          | ProcessGroups                          | UpdDb=No           | Change: | <p>When a process state name contains an asterix (*) or a questionmark (?)</p> <p>this procState will be automatically declared as QueryOnly</p> <p>And will not be displayed within the ProcessState editor window.</p>  |
| 20.06.2017 | 3,1412  | J.Fes    |          | Settings JCT                           | Check.Settings     | New:    | <p>BOMCompair Options enhanced option:</p> <p>-BOMCompairForProcess</p> <p>valid values are: P1_TcSiteCons (Default) // P2_CMM</p>  |
| 19.05.2017 | 3,1406  | J.Fes    |          | Settings JCT                           | Check.Settings     | New:    | <p>BOMCompair Options enhanced with 2 more options</p> <p>-BOMCompairDoCompairOCN with option:</p> <p>ON = sets to compair OCN (Default)</p> <p>OFF = sets to disable compair OCN</p> <p>-BOMCompair BOMRef Find Methode with option:</p> <p>M1_byBOMPuid = sets to find ref BOMLines via BOMPuid</p> <p>M2_byBOMData = sets to find ref BOMLines via BOMData ir_puid and pseq + order number</p> <p>M3_byAutomation = sets to find first like 'M1_byBOMPuid' if not found then via 'M2_byBOMData' (Default)</p>  |
| 27.04.2017 | 3,1403  | J.Fes    |          | CheckBox                               | Ver.Info           | Change: | <p>CheckBox settings enhanced</p> <p>It is now possible to define 'File Name Scheme' for CheckBox Filename conventions</p>  |
| 25.04.2017 | 3,1401  | J.Fes    |          | Import                                 | UpdDb=Yes Ver.Info | New:    | <p>It is now possible to use oracle optimicer hints in JobMgr .sql</p> <p>See settings Site/Data Import-&gt;</p> <p>Start Dialog Edit Site def. --&gt; Import Settings 3</p> <p>4 - Import eXtendet</p> <p>4 - use Oracle optimizer hint' '/*+ parallel (n) */'</p> <p>5 - use additional Oracle optimizer hints</p> <p>#Doc: see <a href="https://docs.oracle.com/cd/B10500_01/server.920/a96533/hintsref.htm">https://docs.oracle.com/cd/B10500_01/server.920/a96533/hintsref.htm</a></p>   |
| 17.04.2017 | 3,14    | J.Fes    |          | ObjectList                             | UpdDb=Yes Ver.Info | New:    | <p>It is now possible for TC Sites to list or view Ir's where used in BOMS</p> <p>see Object List -&gt; Extra -&gt; View where IRs 'is used' (analyze by:[BOM structure])</p> <p>see Object List -&gt; Extra -&gt; List where IRs 'is used' (analyze by:[BOM structure])</p>  |



| Date       | Version | User    | Issue-Nr | Categorie  | Additional Info | Type    | Description   |
|------------|---------|---------|----------|--|-----------------|---------|---|
| 14.04.2017 | 3,14    | J.Fes   |          | Import Sites/Data<br>Import JobControl<br>Settings |                 |         | Passwords are encrypted stored in JobMgr database.<br>JobServer sends password also encrypted to JobClient<br>If you now insert a password into JobMgr then it is required to enter the full password form the beginning.<br>- PLEASE Note: A before stored password cannot be edit because it is already encrypted: --!!.<br>!! - Value of an before stored password cannot be edit - !!<br>!! - because if value is already - !!. |
| 13.04.2017 | 3,1318  | J.Fes   |          | JobControl   | UpdDb=Yes       | Doc:    | JobComputer settings removed unused Data columes<br>- [OsUser] - [OSPassword] - [OSDestrib_DP]  |
| 13.04.2017 | 3,1318  | J.Fes   |          | ObjectJobResults<br>Settings                       | Check.Settings  | New:    | Now it is posible to customice JobComputers header text<br>vor columes x.Custom01 .. x.Custom04   |
| 10.04.2017 | 3,1318  | J.Fes   |          | Install and Setup                                  | Ver.Info        | Change: | JobSever SQL DB connection supports now<br>windows user authentication mode   |
| 05.04.2017 | 3,1313  | J.Fes   |          | Import Sites/Data<br>Import                        | Ver.Info        | Change: | During Import TC.Data to JobMgr<br>- data of: 'IContr:Ir.ModDateBegin' and - 'IContr:Ir.ReleaseDateBegin'<br>are in some cases not correct set/updated.<br>Issue is now solved by code changes  |
| 24.03.2017 | 3,1309  | S.Gueth |          | JCT  |                 | New:    | added MigrationReportEval_cls class for CMM eval process<br>to get status value from cmm MigrationReport xml file<br>value is parsed from: Migration > Session > Report > Status > OperationStatus<br>if status is 'failure' --> res code RPTS-01 will be set   |
| 24.03.2017 | 3,1309  | S.Gueth |          | JCT  |                 | New:    | added MigrationReportEval_cls class for CMM eval process<br>to get status value from cmm MigrationReport xml file<br>value is parsed from: Migration > Session > Report > Status > OperationStatus<br>if status is 'failure' --> res code RPTS-01 will be set   |
| 24.03.2017 | 3,1309  | S.Gueth |          | Settings JCT                                       | Check.Settings  | New:    | -Action "CMM2NX_2021_06" -SubAction "CMM_ResultEval"<br>New parameter CMM_REPORT_DIR and CMM_REPORT_TARGET_DIR added<br>CMM_REPORT_DIR.....: path to the directory where the cmm reports<br>will be sored into generated with CMM Process<br>CMM_REPORT_TARGET_DIR:path to the root directory where the cmm reports will be stored<br>during CMM Process evaluation with JobMgrCmdTools   |
| 24.03.2017 | 3,1309  | S.Gueth |          | Settings JCT                                       | Check.Settings  | New:    | -Action "MigIdeas2NX_2013_10" -SubAction "CMM_ResultEval"<br>New parameter CMM_REPORT_DIR and CMM_REPORT_TARGET_DIR added<br>CMM_REPORT_DIR.....: path to the directory where the cmm reports<br>will be sored into generated with CMM Process<br>CMM_REPORT_TARGET_DIR:path to the root directory where the cmm reports will be stored<br>during CMM Process evaluation with JobMgrCmdTools  |
| 23.03.2017 | 3,131   | J.Fes   |          | JCT  | Ver.Info        | New:    | MigIdeas2NX_2013_10.CMM_ResultEval.CMMProcessesStop extended<br>new options avilable<br>-StopProcessesTCServer<br>-StopProcessesCMM<br>#Doc: If Parameter is set then stop of processes will be done<br>#Doc: Default is not to stop the processes<br><br>also XCADServices will be stopped   |
| 23.03.2017 | 3,1308  | S.Gueth |          | Settings CheckBox                                  | Check.Settings  | New:    | CheckBox Compare for PH.PatternArchiving and PH.PatternShading added<br>you can change the setting 'PH.is Pattern do check' in the CheckBox Settings<br>to define if the check should be executed or not<br>!attention!: check will only be executed when pattern data is available on both CB extracts   |
| 23.03.2017 | 3,131   | J.Fes   |          | JCT  | Ver.Info        | New:    | MigIdeas2NX_2013_10.CMM_ResultEval.CMMProcessesStop extended<br>new options avilable<br>-StopProcessesTCServer<br>-StopProcessesCMM<br>#Doc: If Parameter is set then stop of processes will be done<br>#Doc: Default is not to stop the processes<br><br>also XCADServices will be stopped   |
| 21.03.2017 | 3,1308  | S.Gueth |          | Admin Settings                                     | Check.Settings  | New:    | Environment variable 'JobMgr_WIMode' will be set in JobClient before executeing a job<br>possible values: [NotSpecified Normal Minimized Hidden]  |
| 21.03.2017 | 3,1308  | S.Gueth | 5118     | GUI  |                 | New:    | key 'Spacebar' in JobClient<br>Switches JobClient to previous job client mode, when client is currently in pause mode   |

| Date       | Version | User    | Issue-Nr | Categorie                | Additional Info | Type    | Description  |
|------------|---------|---------|----------|--------------------------|-----------------|---------|--|
| 16.03.2017 | 3,1308  | S.Gueth |          | CheckBox                 |                 | New:    | New Check added if current dataset is a pattern part or not<br>this information is added to P.Res.Msg.Ext.Data<br>#Example: [PH:isPatternPart:ON OFF]  |
| 16.03.2017 | 3,1308  | S.Gueth |          | Settings CheckBox        | Check.Settings  | New:    | added CheckBox compare in drawing data for pattern parts<br>this check is enabled by default and can be disabled by changing the 'DR.Pattern Condition:Do Compare' setting in the CheckBox Settings  |
| 15.03.2017 | 3,1308  | S.Gueth |          | Admin                    | Ver.Info        | Change: | changed whats new excel file from .xls to .xlsx  |
| 10.03.2017 | 3,1307  | S.Gueth |          | JCT                      |                 | New:    | Subaction 'AttributeSync' in Action 'CustomCmdTools_2016_04'<br>Process to sync specific NX dataset attributes to tc ir object   |
| 09.03.2017 | 3,1308  | J.Fes   |          | Admin                    | Ver.Info        | New:    |  |
| 20.02.2017 | 3,1302  | S.Gueth |          | CommandLineArgs JCT      |                 | New:    | parameter 'StepExportViaUGExport' in Action 'NxDataProcessing_2013_09', Subaction 'StepExport'<br>if set, step export will be executed via ug_export (not via teamcenter)  |
| 20.02.2017 | 3,1303  | J.Fes   |          | Install and Setup        | Ver.Info        | Change: | JobMgr SQL scripts is now unsing SQLcmd.exe methodes.<br>Usage of SQLcmd.exe replaces usage of OSQL.exe  |
| 20.02.2017 | 3,1303  | J.Fes   |          | Install and Setup        | Ver.Info        | Change: | JobMgr check's now if SQLcmd.exe is installed on Computer<br>If SQLcmd.exe is not installed on computer a error messagebox will be shown.  |
| 08.02.2017 | 3,1299  | J.Fes   |          | Scripts/Params.          | Ver.Info        | Change: | JobScripts methodes redesigned.<br>If the JobData as text files need to be add to the JobPacket<br>then please add to job main script:<br>- for ObjectsList.....: set JobAddFile_ObjectsList_txt=true<br>- for ObjectsListAllDetails: set JobAddFile_ObjectsListAllDetails_txt=true  |
| 07.02.2017 | 3,1299  | J.Fes   |          | JobControl               | Ver.Info        | Change: | JobServer and JobClient stopt processing if temp dir was cleand during running application.<br>Issue is now solved by code changes.  |
| 07.02.2017 | 3,1299  | J.Fes   |          | ObjectList               |                 |         | ObjectData selection enhanced<br>Now it is possible to set object selection based on displayed data in data grid.<br><br>This selection Methode is now avilabel for folowing data columes:<br>- O.Name<br>- Register P.Data<br>- Packet.N<br>- On.Comp.<br>- Res.Code<br>- Res.Msg<br>- Res.MsgE (eXtendet)  |
| 20.01.2017 | 3,1293  | J.Fes   |          | Import Sites/Data Import | Ver.Info        | Change: | TC.Data import dataset version count was disabled in case<br>folowing setting was disabled:<br>Sites/Data Import<br> -> Import Setting 1 -> Import Data Conditions -> Import DS Full File Names<br> -> Import Data Conditions -> Import DS Full File Names<br> -> Import Data Conditions<br> -> Import DS Full File Names = false (disabled)<br><br>This behavior is a illogical behavior.<br><br>Now JobMgr Dataset version generation is now only depeding on setting:<br>Sites/Data Import -> Import Settings 3 -> 4 - Import eXtendet -> 3 - DataSet Version count Enable/Disable<br> -> Import Settings 3<br> -> 4 - Import eXtendet<br> -> 3 - DataSet Version count Enable/Disable<br><br>Issue is now solved by code changes |
| 19.01.2017 | 3,129   | J.Fes   |          | JobControl               | UpdDb=Yes       | New:    | JobProcessing enhanced. It is now posible to import JobResults results<br>via identifying the Data by @ObjectFromSiteID, @ObjectClass, @ObjectName<br>Please note this funtion may be only used in database containing unic names by @ObjectFromSiteID, @ObjectClass, @ObjectName<br><br>In programming JobMgr.CMD tools please use:<br>ObjectData_cls.ObjectSpecialEditRuleSet = ObjectSpecialEditRule_enum.ObjectfindBy_FromSiteClassObjectName  |
| 03.01.2017 | 3,1285  | J.Fes   |          | JobControl               | Ver.Info        | New:    | New NX10 refile parameter -set_new_dataset_owner<br>is now avilable via refile parameter editor  |

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|------------|---------|---------|----------|---|----------------------------|--------------|---|
| 01.01.2017 | 3,1284  | J.Fes   |          | JCT   | Ver.Info                   | Change:      | -Action "AppUid_2012_02" -ParseAppUidResultsFile<br>Evaluation of results is now matching the processed datasets<br>Evaluation of process returns for a processed Dataset P.Res.msg = "AppUid:OK:Upgraded"<br>Evaluation of process returns for a all other Object P.Res.msg = "AppUid:OK"  |
| 22.12.2016 | 3,1283  | J.Fes   | 4027     | Import  | Ver.Info                   | Change:      | Import TC.Data via Item-List printed always all found IR's after each anayse of Item.<br>This Issue did leads to a long import process time, if many Items was in the Item-List.<br>Issue is solved by code changes   |
| 21.12.2016 | 3,1282  | J.Fes   | 4028     | Import Sites/Data Import                        | Ver.Info                   | Doc:         | During Process Sites/Data -> Import 10 - Sync.Site [Items Only] an Exception did happend.<br>This Software Issue lead to unwanted deletion of Data in JM.DB.<br>Issue is solved by code changes<br><br>Improvment: Software stops now Sync.Site processing<br>if reading data from TC.DB or JM.DB lead to an Exception or Error   |
| 21.12.2016 | 3,1282  | J.Fes   |          | Import Sites/Data Import                        | Ver.Info                   | Change:      | TC Site/Data Import/Update did not updatet data in all cases.<br>Issue is now solved by code changes  |
| 14.12.2016 | 3,1297  | J.Fes   |          | Import Sites/Data Import                        | Ver.Info                   | New:         | Enhanced setting for import multisite data<br>It is now posible to eXlude for Objects the add of 'SiteId'<br>to 'Exported Site List' via ExportRecorde.ExportReason<br><br>see: Sites/Data Import<br> -> Import Settings 3<br> -> 3 - Import Multisite settings eXtende<br> -> 2 - Export Recorde eXclude via Export Reason   |
| 12.12.2016 | 3,1296  | J.Fes   |          | JCT   | Ver.Info                   | Change:      | -Action MigIdeas2NX_2013_10 -SubAction ChangeOwner_ResultEval<br>add for CMM processing<br>It do check result's of process: ChangeOwner<br>Check condition OK: Dataset.Owner is not like any value of -ChangeOwner_FinalNotToLike<br>Check condition ERR: Dataset.Owner is like any value of -ChangeOwner_FinalNotToLike  |
| 12.12.2016 | 3,1296  | J.Fes   |          | JCT   | Ver.Info                   | Change:      | -Action MigIdeas2NX_2013_10 -SubAction ChangeOwner_ResultEval<br>add for CMM processing<br>It do check result's of process: ChangeOwner<br>Check condition OK: Dataset.Owner is not like any value of -ChangeOwner_FinalNotToLike<br>Check condition ERR: Dataset.Owner is like any value of -ChangeOwner_FinalNotToLike  |
| 07.12.2016 | 3,1293  | J.Fes   |          | Import Sites/Data Import                        | UpdDb=Yes                  | New:         | It is now posible to refresh JM.DB Data that has O.Need.Upd flag<br><br>This new function can be used<br><br>Interactiv:<br>-----<br>Sites/Data Import -> Import.Site.Data<br> -> during this sync process it is first used all other import actions follows<br>Sites/Data Import -> Sync.Site.Data-> 40 - Sync.Site [Data with O.Need.Upd>0]<br> -> Only Data with O.Need.Upd>0 will be refereshed<br><br>Tasksheduler:<br>-----<br>Script: S:DataImport_Tc_DataSetsAndIrs.vb Parameter: /SiteList=HIL_QS /Methode=Sync_NeedUpdateAndEnd<br> -> Only Data with O.Need.Upd>0 will be refereshed |
| 07.12.2016 | 3,1291  | S.Gueth | 110      | Admin Settings CheckBox                         | Ver.Info<br>Check.Settings | New:<br>Doc: | das ist neu<br>#Doc: test1<br>#Doc: test2   |
| 06.12.2016 | 3,1289  | S.Gueth |          | Import Sites/Data Import TaskScheduler Settings | Check.Settings             | New:         | added "Clients to execute check" option to "Site Groups definition"<br>this option defines the clients that are allowed to execute the multisite check (wildcards like * can be used)<br>this option is valid for TC Multisite Check via 'TaskScheduler' or 'Sites/Data Import' tab   |
| 06.12.2016 | 3,1289  | S.Gueth |          | GUI Import Sites/Data Import Settings           | Check.Settings             | New:         | New button 'TC Multisite Check' in 'Sites/Data Import' tab<br>execute TC Multisite Check directly for a specific site<br>all objects with state N,M or A that are in the Site Group def of the selected site will be processed  |

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|------------|---------|---------|----------|-----------------------------|-----------------|---------|--|
| 06.12.2016 | 3,1291  | J.Fes   |          | Import Sites/Data Import    | Ver.Info        | New:    | Sync.Site.Data new Sync Methodes avilable<br>Sync.Site.Data has now 4 Options to Sync Data between JM.DB and TC.DB<br>- 10 - Sync.Site [Items Only]<br>- 20 - Sync.Site [Ir Only]<br>- 21 - Sync.Site [Ir + Import.Site.Data] #New:06.12.2016<br>- 30 - Sync.Site [Items/Ir + Import.Site.Data] (Default)<br>- 40 - Sync.Site [Data with O.Need.Upd>0] #New:06.12.2016 |
| 28.11.2016 | 3,1288  | J.Fes   |          | Import Sites/Data Import    | UpdDb=Yes       | New:    | If dataset has a PLM Structure Error then all Datasets of IR will be set for Processgroups P01..P20+PRf to status='X.PLM.ERR' if there status was before = 'N'<br>Application Change is done in T-SQL Script:<br>.\\01-BinServer\\Resources\\JobMgrSQL\\JobMgr_30_ApplProceduresObjects_Import_DataSets_and_IRs.sql  |
| 24.11.2016 | 3,1286  | J.Fes   |          | JobControl                  | Ver.Info        | Doc:    | New Replacment #Var avialble for<br>#40-JobServerScripts_DP# -> Location for JobServer.net Scripts<br>#40-JobServerScriptsL_DP# -> Location for JobServer.net Local on JobServer   |
| 24.11.2016 | 3,1287  | J.Fes   |          | ProcessGroups               | Ver.Info        | New:    | In some cases ProcessGroup settings was not saved during Edit Process Status<br>Issue is solved by code changes.   |
| 24.11.2016 | 3,1287  | J.Fes   |          | JobControl<br>ProcessGroups | Ver.Info        | New:    | It is now possible to move ProcessGroups 01..40 up and down.<br>Info: JobControlRules ProcessGroups are also moving.<br>Important current version do not moves existing Process Results n JobMgr.DB  |
| 16.11.2016 | 3,1283  | J.Fes   |          | JobControl                  | Ver.Info        | New:    | You can now define that a Job<br>Add 'Site Definition' of JobComuters default SiteDef<br>see Tab: Job Control<br>-> Edit JobContol Rule<br> -> Job Definition Extended<br> -> 2 Sites<br> -> Add 'Site Definition' of JobComuters default SiteDef  |
| 15.11.2016 | 3,1281  | S.Gueth |          | CommandLineArgs JCT         |                 | New:    | Parameter 'ObjectPUIDs' for subaction 'EditObjects' in action 'JobDataEdit_2012_09'<br>Semicolon separated list of Object PUIDs<br>only objects with the given puids will be edited  |
| 26.10.2016 | 3,1278  | J.Fes   |          | Import Sites/Data Import    | Ver.Info        | New:    | Enhanced settings for enable disable count of datasets<br>Please see site settings:<br>Sites/Data Import -> Import Settings 3 -> 4 - Import eXtendet -> '4.03 - DataSet Version count Enable/Disable'  |
| 14.10.2016 | 3,1276  | J.Fes   |          | Import                      | Ver.Info        | Doc:    | On Importing manuel (via Extras->Import data of Item / IR)<br>Process Optimiced<br>See settings in:<br>Sites/Data Import -> Import Settings 3 -> 4 - Import eXtendet -> Import by list:force Import/Update   |
| 14.10.2016 | 3,1276  | J.Fes   |          | Import                      | Ver.Info        | Doc:    | On Importing manuel (via Extras->Import data of Item / IR)<br>Process Optimiced<br>See settings in:<br>Sites/Data Import -> Import Settings 3 -> 4 - Import eXtendet -> Import by list:force Import/Update   |
| 13.10.2016 | 3,1276  | J.Fes   |          | Scripting                   |                 |         | TeamCenterMultiSiteCheck via Tasksheduler - Script is processing all data<br>having status 'N' 'M' or 'U'  |
| 13.10.2016 | 3,1276  | J.Fes   |          | Import Sites/Data Import    | Ver.Info        | New:    | Enhanced settings for define how import behavior is during Import by list<br>Please see site settings:<br>Sites/Data Import -> Import Settings 3 -> 4 - Import eXtendet -> '4.02 - Import by list:force Import/Update'   |
| 13.10.2016 | 3,1276  | J.Fes   |          | Import Sites/Data Import    | Ver.Info        | New:    | Enhanced settings for define if Import.Site.Data is active/avilable<br>Please see site settings:<br>Sites/Data Import -> Import Settings 3 -> 4 - Import eXtendet -> '4.01 - defines if Import.Site.Data is active'  |
| 21.09.2016 | 3,1271  | J.Fes   |          | Import Sites/Data Import    | Ver.Info        | Change: | New Option avilable for setup how MultiSite data are handelt.<br><br>see: Sites/Data Register: 'Import Settings 3'<br>-> 3 - Import Multisite settings eXtendet<br>-> Multisite Import pSiteId behavior<br><br>With this Option you can now define if you want to insert TC.Multisite pSiteId data<br>If Site is not registiert in JobManager Sites/Data               |
| 16.09.2016 | 3,1269  | J.Fes   |          | JCT                         | Ver.Info        | Change: | If for NX Part no NX.syslog section is found then<br>then JobLink is set to NX.syslog of Job   |
| 16.09.2016 | 3,127   | J.Fes   |          | JCT                         | Ver.Info        | Change: | In case that a Demandload action during refile was prossessed then<br>NX.syslog parser did not found the right syslog section for part.<br>Issue is solved by code changes in JCT  |

| Date       | Version | User    | Issue-Nr | Categorie   | Additional Info | Type    | Description   |
|------------|---------|---------|----------|---|-----------------|---------|---|
| 24.08.2016 | 3,126   | J.Fes   |          | Import  |                 | Change: | BOM selfref analyse returns now<br>Item.ID of BOM where Start ITEM.ID is fond in lower structure  |
| 24.08.2016 | 3,126   | J.Fes   |          | Import  |                 | Change: | BOM selfref analyse returns now<br>Item.ID of BOM where Start ITEM.ID is fond in lower structure  |
| 19.08.2016 | 3,1258  | J.Fes   |          | Import Sites/Data<br>Import                           | Ver.Info        | New:    | Enhanced settings for enable debugging during Import process<br>Please see site settings:<br>Sites/Data Import -> Import Settings 3 -> 4 - Import eXtendet -> '4.17 - Debug during import'  |
| 19.08.2016 | 3,1258  | J.Fes   |          | Import Sites/Data<br>Import                           | Ver.Info        | New:    | JobServer Enhanced setting for import multisite data<br><br>see: Sites/Data Import<br> -> Import Settings 3<br> -> 3 - Import Multisite settings eXtende<br> -> 1 - Multisite Import pSiteId behavior   |
| 15.08.2016 | 3,1256  | J.Fes   |          | JCT   | Ver.Info        | New:    | Result classification methode extendet to parse results from Datalines via<br>Now you are able to define 'left keyword' and 'right keyword' to parse result from DataLine.<br><br>#Example:<br>Text Line.....: CSYS_Refile: 4711/A2/Energy regulator: Object names already<br>exist:DATUM_CSYS_0_PLANE_XY,DATUM_CSYS_0_PLANE_YZ<br>Result parse def.: #Txt.ParseLeft#=#regulator: #,#Txt.ParseRight#=#:#<br>Result is final...: Object names already exist<br><br>#Hint:<br>If Only Txt.ParseLeft is defined then Result is parsed from left keyword until end of text Line.<br>If Txt.ParseRight do not match in Text Line then Result is parsed from left keyword until end of text Line. |
| 05.07.2016 | 3,1251  | J.Fes   |          | JobControl  | Ver.Info        | New:    | Now ist is posible to include script or resource files into your JobScript<br><br>#Example:<br>add to your JobStartScript folowing line definition:<br>set JobMgr_10-JobScriptsInc_01=_CustomDefaults\TcPrompt_Custom<br>set JobMgr_10-JobScriptsInc_02=_CustomDefaults\TcTool_Custom<br><br>then all Script files in:<br>..\10-JobScripts\_CustomDefaults\TcPrompt_Custom<br>..\10-JobScripts\_CustomDefaults\TcTool_Custom<br>will be added into root dir of JobFiles   |
| 04.07.2016 | 3,1247  | S.Gueth |          | Import Sites/Data<br>Import TaskScheduler<br>Settings | Check.Settings  | New:    | added "Sites to check" option to "Site Groups definition"<br>this option defines the sites on which items will be checked<br>Example:<br>Members in site group: Site1, Site2, Site3<br>Sites to check.....: Site1, Site3<br>--> only objects of sitel and site3 will be checked with TC-multisite check   |
| 04.07.2016 | 3,1248  | J.Fes   |          | JobControl  | Ver.Info        | Change: | During Importing JobResults with multible JobServers import stoped with message<br>The process cannot access the file because it is being used by another process.<br>To solve the issue we handel for each JobServer one own directory 90-JobTempImportExecute\#ComputerName#_P#TcPeerPort#<br>Issue is solved by code changes   |
| 30.06.2016 | 3,1248  | J.Fes   |          | JobControl Settings                                   | Check.Settings  | Doc:    | JobPacket contains now TcPrompt_Custom.cmd file<br>if exist in ..\10-JobScripts\TcPrompt_Custom.cmd<br>This file can be used to orgenice teamcenter prompt for all Jobs   |
| 27.06.2016 | 3,1247  | J.Fes   |          | CheckBox  | Ver.Info        | Doc:    | CheckBox Assembly Check enhanced it compairs<br>Now it compairs also Handel and Inst.Handel<br>CheckBox returns waring if Handel or Inst.Handel do not match  |
| 17.06.2016 | 3,1245  | J.Fes   |          | Admin ObjectList                                      | UpdDb=Yes       | Doc:    | Removed Unused Data and settings<br>SelectByMarker condition Function is replaced by<br>Group selection methode   |
| 14.06.2016 | 3,1243  | S.Gueth |          | Settings JCT  | Check.Settings  | New:    | New Paramater for SubAction: DataShare in Action: TCMultiSite_2012_02_02<br>-IgnoreMissingObjectsOnSourceSite<br>if this option is set, then missing objects that exist on target site, but not on source site will be ignored  |
| 07.06.2016 | 3,124   | J.Fes   | 2654     | Import  | UpdDb=Yes       | New:    |   |



| Date       | Version | User     | Issue-Nr | Categorie  | Additional Info    | Type    | Description  |
|------------|---------|----------|----------|------------|--------------------|---------|--|
| 31.05.2016 | 3,1237  | J.Fes    |          | Import     | UpdDb=Yes Ver.Info | New:    | <p>It is now possible to define witch dataset types will be imported into JobMgr.DB.<br/>See settings Site/Data Import-&gt;<br/>Start Dialog Edit Site def. --&gt; Import Settings 3<br/>then define witch Dataset Types are to import in to JobMgr.DB<br/>Available settings are:</p> <ul style="list-style-type: none"><li>-NX</li><li>-Ideas</li><li>-Catia</li><li>-ProE</li></ul> <p>By default only NX Dataset types are switched on to enable DS.Types please set value to 'true'</p>   |
| 04.05.2016 | 3,1235  | J.Fes    | 2583     | JobControl | UpdDb=Yes          | New:    | <p>JobControlRules extendet:<br/>It is now possible to control JobPacket containment based on values of ObjectData in Colume: O.AP.CompN.Unique</p> <p>Avilable conditions are:</p> <ul style="list-style-type: none"><li>- count of Assembly Object ComponentsN Unique<br/>see setting: JobControlRule 'O.Max.Comp.Unique'</li><li>- sum of Assembly Object ComponentsN Uniquee<br/>see setting: JobControlRule 'J.MaxSum.CompN.Unique'</li></ul>   |
| 29.04.2016 | 3,1234  | J.Fes    | 2691     | Import     | UpdDb=Yes Ver.Info | New:    | <p>TC Data Import enhanced.<br/>JobMgr.TC Data Import support's now also to Import/Update JobMgr Database<br/>This Import Methode uses the folowing rules:</p> <ul style="list-style-type: none"><li>- Updates existing JobMgr.DB data only if Ir.ReleaseDate or Ir.ReleaseState has been changed.</li><li>- adds 'NEW' Data to JobMgr.DB also if Data are not released</li><li>- Do NOT Updates existing JobMgr.DB data if Ir.LastModifyDate or ReleaseState has been changed.</li></ul>  |
| 26.04.2016 | 3,1234  | J.Fes    | 2722     | Scripting  | Ver.Info           | Change: | <p>JobServer 'Scripting engine' supports now usage of external .dll's and resources</p> <p>to use it you need to define your JobServer custom script via JS: Task Scheduler -&gt; Script -&gt; C:SubDir\ScriptName.vb</p> <p>#Example:<br/>define in JS: Task Scheduler -&gt; Script -&gt; C:CustomDll_Example\CustomDll_Example.vb</p> <p>Click on Button Edit Script:<br/>It will create the directory:<br/>-&gt; ..\90-DATA\#CustomerNameShort#_SettingsGlobal\40-JobServerScripts\CustomDll_Example<br/>It will create in the directory the new Script:<br/>-&gt; CustomDll_Example.vb</p> <p>Put all .dll's and resources into this directory<br/>Example: CustomDll_Example.dll , CustomDll_Example.pdb, CustomDll_Example.xml</p> <p>Add References to your your JS.script after section Imports<br/>Imports ..<br/>'References CustomDll_Example.dll</p> <p>With this Methode you can integrate external .dll in Jobserver TaskSheduler processes.</p> |
| 25.04.2016 | 3,12342 | A.Becker |          | Scripting  |                    | New:    | <p>Scripts can now reference external libraries without the need to copy the dll files into the application directory.<br/>It is required to create an individual subfolder for scripts with external assembly references.<br/>All referenced assemblies including their own dependencies have to be stored to the directory of the script.</p>  |

| Date       | Version | User    | Issue-Nr | Categorie                            | Additional Info             | Type    | Description   |
|------------|---------|---------|----------|--------------------------------------|-----------------------------|---------|---|
| 15.04.2016 | 3,1234  | S.Gueth | 2625     | TaskScheduler<br>ObjectList Settings | UpdDb=Yes<br>Check.Settings | New:    | TeamCenter Multisite Consistent Check (TC.MSC) can now be triggered directly from JobManager<br>1. via Objects List -> Extra -> TC MultiSite Check<br>2. via Task Scheduler -> Skript: MultiSiteCheck Tc.vb<br>Attention: Site Groups have to be defined in Sites/Data Import -> Admin -> 2 - Edit 'MultiSite-Groups' settings<br>Results:<br>MSC.00.OK : Objects are in sync<br>MSC.10.ERR : More then one OwningSite Object exist (Duplicated Items)<br>MSC.11.ERR : No OwningSite Object exist<br>MSC.12.ERR : Item with same ItemId and different puid<br>MSC.13.ERR : Items have different Item types<br>MSC.14.ERR : OwningSite-Item has no export record, but Items with same ItemId exist<br>MSC.15.ERR : There is not only exactly one item for each export record<br>MSC.16.ERR : The release statuses of items are different<br>MSC.18.ERR : Item with same puid and different ItemId exist<br>MSC.21.ERR : IRs on remote site are different then on OwningSite<br>MSC.22.ERR : Release status of item revisions are differnet<br>MSC.31.ERR : Datasets on remote site are different then on OwningSite<br>MSC.32.ERR : Release status of datasets are different |
| 13.04.2016 | 3,1233  | J.Fes   |          | Import Sites/Data<br>Import          | Ver.Info                    | New:    | Datamodel extendet JobManger Analyses now for 'NP' = NoPart Objects also BOM Data<br>Part Type extendet with Name 'NPwB' NoPart with BOM  |
| 12.04.2016 | 3,1233  | J.Fes   |          | ObjectList                           | Ver.Info                    | Change: | Open NX - Part did not worked for TC - NX.Part<br>Issue is solved by code changes.  |
| 01.04.2016 | 3,1233  | J.Fes   |          | JCT                                  | Ver.Info                    | New:    | Enhancmend FlipTheSwitch is now evaluating FlipTheSwitch Report   |
| 29.03.2016 | 3,1233  | J.Fes   | 2688     | JobControl                           | Ver.Info                    | Change: | JobRule Condition: 'J.valid on Site' was not correct evaluated.<br>Now a JobRule will be only used if JobClient Name and J.valid on Site matches exactly.<br>Issue is solved by code changes.   |
| 23.03.2016 | 3,1233  | J.Fes   |          | JCT                                  | Ver.Info                    | New:    | JobClientTools extendet with -Action "RefileNative_2016_02" -SubAction "PartByPart"<br>With this Methode it is possible to refile 'Native NXParts' with in the JobManager   |
| 04.03.2016 | 3,1232  | J.Fes   |          | ObjectList                           | Ver.Info                    | New:    | Count Only in 'Object List' implementet<br>In some cases you want only the the amount of objects<br>without displaying the data in the Data grid.<br>For his we implemented the folowing methode<br><br>Usage:<br>-----<br>Hold shift key down during clicking on 'Search & List' Button<br>then JobServer counts only the object but do not list them in the datagrid.   |
| 02.03.2016 | 3,1232  | J.Fes   |          | CommandLineArgs                      | Ver.Info                    |         | Usage JobServer /AutoStart Commanline args:<br>/AutoStart JobControl:A Start JobManager with active JobService<br>/AutoStart TaskScheduler:On Start JobManager with active TaskSheduler<br>/AutoStart JobControl:A-TaskScheduler:On Start JobManager with active JobService and TaskSheduler  |
| 02.03.2016 | 3,1232  | J.Fes   |          | ProcessGroups                        | UpdDb=Yes                   | Change: | New ProcessGroup ProcessGroupMc is now avialable.<br>ProcessGroupMc is a special Process Group to use for TC-MultiSite Check's  |
| 28.02.2016 | 3,1232  | J.Fes   |          | JCT                                  |                             | New:    | SubAction "PLMxml_Export" in Action "TcPLMxml_Export_2016_02"<br>Method to export 'TC-PLM.xml' files from teamcenter via Tool: PLMxml_Export.exe  |
| 24.02.2016 | 3,1231  | J.Fes   |          | JobControl                           | Ver.Info                    | Change: | Refile parameter editor supports now -debug=yes!no option.  |
| 16.02.2016 | 3,1231  | J.Fes   |          | ObjectList                           | Ver.Info                    | New:    | Open NX<br>Supports now also open native parts  |
| 08.02.2016 | 3,1231  | S.Gueth |          | JCT                                  |                             | Change: | Item name and ItenRevision name was added to the I IR BOM DS extract and compare process for DataShare / DataSync evaluation  |
| 04.02.2016 | 3,1231  | J.Fes   |          | ObjectList                           | Ver.Info                    | New:    | Editor to set Process Status of Objects are extendet<br><br>Now it is posible to set Status of all Dataset includet in Item-Revisions of BOM's<br>see new Option: 'inc.AP-BOM Component'<br><br>Now it is posible to set Status of all Dataset includet in Items of BOM's<br>see new Option: 'inc. Data of Item'<br>to use this Option you need to use 'inc.AP-BOM Component' and 'inc. Data of Item'<br><br>By default ProcessStatus values starting with 'X*' is more protected<br>to force change the status in this cases use new Option 'edit e'X'cludes'<br>see new Option: 'edit e'X'cludes'   |

| Date       | Version | User                           | Issue-Nr | Categorie                     | Additional Info    | Type    | Description  |
|------------|---------|--------------------------------|----------|-------------------------------|--------------------|---------|--|
| 22.01.2016 | 3,123   | S.Gueth                        | 2539     | Settings                      | Check.Settings     | Change: | added "Import Licence" button in JobServer settings<br>you can also import a licence file via drag and drop  |
| 22.01.2016 | 3,123   | J.Fes                          |          | Install and Setup             | Ver.Info           | Change: | Unused ..12-Data\Rf_MC_ConvertLog Direcory<br>will be automaticly removed from System  |
| 22.01.2016 | 3,123   | J.Fes                          |          | Install and Setup<br>Settings | Check.Settings     | Change: | From this Version setting Dir_Root3_10JobLogArchivAlternative_DP need to update<br>If rule was in use existing setting will be 1 time automaticly updated with subdir \JobManagerV2<br>!!-- Please check settings after update --!!  |
| 14.01.2016 | 3,123   | S.Gueth                        |          | Settings                      |                    | Change: | added Excel 2007 export format (*.xlsx) to excel export<br>you can choose between Excel 2007 (*.xlsx) and Excel 97-2003 (*.xls) format<br>*.xlsx is now the default export format  |
| 11.01.2016 | 3,123   | S.Gueth/A.<br>Becker/J.Fe<br>s | 2477     | Install and Setup             | UpdDb=Yes Ver.Info | Change: | ***** NEW Software Release PLMJobManagerV3 *****<br>**<br>** Version change: **<br>** - from: V2 PLMJobMangerV2 uses .NET Frame Work 2.0 **<br>** - to..: V3 PLMJobMangerV3 uses .NET Frame Work 4.5 **<br>**<br>** Hints: **<br>** ----- **<br>** - The new Release requires installed .NET Frame Work 4.5 **<br>** on all Computers using JobServer or JobClient software components **<br>** - Appllication root diretory is now: ..\JobManagerV3 **<br>** - Older Version V2 based on .NET Frame Work 2.0 is still avilable on web **<br>** http://download.plmjobmanager.com/JobManagerV2/V2-0001-LatestVersion/ **<br>***** NEW Software Release PLMJobManagerV3 ***** |
| 18.12.2015 | 2,1221  | J.Fes                          |          | JCT                           |                    | Change: | IrInfoResolve_2011_06 Enhanced<br>Now we support #BOMview Info and #BOMviewRevision Info   |
| 16.12.2015 | 2,1221  | J.Fes                          |          | Install and Setup<br>Settings | Check.Settings     | Change: | Commandline parameter renamed<br>from TCEGroup to TCGroup<br>from TCEGroup to TCGroup  |
| 14.12.2015 | 2,1221  | S.Gueth                        | 2440     | Settings JCT                  | Check.Settings     | New:    | SubAction 'NXJournalExecute' for Action 'NxDataProcessing_2013_09'<br>to execute an journal for NX<br>for more info please have a look into the cmd tools docu of 'NxDataProcessing_2013_09'   |
| 11.12.2015 | 2,1221  | S.Gueth                        |          | Settings JCT                  | Check.Settings     | New:    | DataShare - and DataShareEval processes can now be executed only for ItemRevisions<br>just set the variable 'ObjectClass' in the TcSiteCons.cmd job script to 'ItemRevision' (default is 'Item')<br>example: set ObjectClass=ItemRevision  |
| 04.12.2015 | 2,1221  | J.Fes                          |          | JobControl                    | Ver.Info           | Change: | JobControl sort order based on Dataset Types improved<br>If JobRoule includes Datasets of IRs then order of:<br><br>NX Datasets are:<br>- UGMASTER<br>- UGALTREP<br>- UGMANIFESTATION<br>- UGPART<br>- all other NonMaster DataSet Types like UGSCENARIO..CAEGEOM..NXMotin ...<br><br>IDEAS Datasets are:<br>- IdeasPart<br>- IdeasAssemblUGPART<br>- IdeasDrawing<br><br>ProE Datasets are:<br>- ProPrt<br>- ProAsm<br>- ProDrw<br><br>Catia Datasets are:<br>- CATPart<br>- CATProduct<br>- CATDrawing   |

| Date       | Version | User     | Issue-Nr | Categorie                | Additional Info | Type    | Description  |
|------------|---------|----------|----------|--------------------------|-----------------|---------|--|
| 25.11.2015 | 2,1221  | J.Fes    |          | Import Sites/Data Import | Ver.Info        | Doc:    | ItemId search supports now wildcards<br>If searching value of ItemIds contains wildards then all Items and Irs are listed.<br><br>for example you are able to import all Items and IR's via 4700*  |
| 25.11.2015 | 2,1221  | J.Fes    |          | JobControl               | Ver.Info        | Change: | Refile Option dialog enhanced<br>- refile options now orgeniced by captures.<br>- Captures are show with 'gold' BackColor<br>- NX10 refile options added<br>- Filter in options are posible  |
| 24.11.2015 | 2,122   | J.Fes    |          | JobControl               | Ver.Info        | New:    | JobControl Object selection methodes enhanced<br>Now you can select all Data of Item via new option: ALL_of_ITEM<br>See: JobContol Rules sel:O.Special   |
| 19.11.2015 | 2,122   | A.Becker |          | ObjectJobResults         | UpdDb=No        | New:    | JobLog Link can be direct opened from a 7-Zip file.  |
| 16.11.2015 | 2,122   | J.Fes    |          | JobControl Settings      | Check.Settings  | New:    | New Option to control how JobData handelt if a ne Job is created.<br>see: -> Edit JobControl Rule<br> -> Job Definitionen Extended<br> -> 3 Job Managment Extendet<br> -> 1 New Job Process Data Handel (Default is AddEdit2JobNew)  |
| 10.11.2015 | 2,1219  | A.Becker |          |                          | UpdDb=No        | New:    | JobClient writes log informations to %temp%\JobClient\JobClient.log (Levels info/warning/error/fatal).<br>Fatal unhandled exceptions are logged to %temp%\JobClient_UnhandledException.log (But they should normally never occour).  |
| 09.11.2015 | 2,1219  | S.Gueth  |          | JCT                      |                 | New:    | If there was no Refile Result found and no result from the nx syslog, then the process monitor log will be parsed<br>This result will be written in the refile result message, Example:<br>Result Message: [Rf:ERR:PM Terminated:none of the monitored files was written to within 600 sec.]<br>Result Code is: JM-999070  |
| 07.11.2015 | 2,1219  | J.Fes    |          | GUI                      | Ver.Info        | Change: | Outputformat of Exception messages optimiced<br>- Output with is minimiced<br>- Useless SourceCode pathes removed<br>- Stack trace contains numbers in front of message  |
| 07.11.2015 | 2,1219  | J.Fes    |          | Import Sites/Data Import | Ver.Info        | New:    | Sync.Site.Data compairs now also ExportRecorde ExportRecordeData<br>If TC.DB and JM.DB Export Recordes differs then Data will updatet  |
| 06.11.2015 | 2,1219  | S.Gueth  |          | GUI                      |                 | New:    | In the column "J.last Info" of the table "JobComputer Computers" in the JobServer you will now see the current system load of the client (CPU utilization, memory usage, free disc space state)<br>if there is a warning or an error this column cell will get the coresponding background color:<br>Sys load: OK --> green<br>Sys load: WRN --> cyan<br>Sys load: ERR --> red |
| 05.11.2015 | 2,1219  | A.Becker | 2411     | ObjectJobResults         | UpdDb=No        | New:    | Implemented 7-Zip compression for job archive packages.<br>For optimized archive size choose SevenZipPPMd implementation with Highest compression level.<br>Important: 7-Zip will be used as default from now on. If you need ZIP archives, you have to change the compression settings.   |
| 05.11.2015 | 2,1219  | J.Fes    |          | JobControl               | Ver.Info        | Change: | New behavior during creating Jobs.<br>To reduce times for creating new Jobs we do create pre JobResults in this phase NOT anymore.<br>Only Objects P.Status is changed.<br>Hint: JobResults will be createt to JobMgr Database when JobResults returns from JobClients.  |
| 21.10.2015 | 2,1219  | J.Fes    |          | JCT                      | Ver.Info        | Change: | If Result Classification Custom rues are used (via: -ResultClassificationCustom_DPNE ..)<br>and one of the Results are interpreted as a Warning Objects.P.Res.Has.WRN is set to true   |
| 16.10.2015 | 2,1218  | A.Becker |          | GUI                      |                 | New:    | When you press the reset filter button while holding the shift button, all filters are then reset (including object id and object group field)   |
| 14.10.2015 | 2,1218  | J.Fes    |          | Settings CheckBox        | Check.Settings  | Change: | Property 'MD.Volume Deviation Percentage Result Rules'<br>Update of default values to:<br>OK.....: 0,000% - 0,005%<br>WRN.....: 0,005% - 0,050%<br>ERR.....: 0,050% - ....   |
| 06.10.2015 | 2,1218  | J.Fes    |          | Import Sites/Data Import | Ver.Info        | Change: | Issue.: Sync.Site Data process stopt because of SQL CommandTimeout's<br>during reading ItemData form TC.DB<br>Change: Now SQL command is using Site defined 'Command Time Out settings [sec]'  |

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|------------|---------|----------|----------|-------------------------------|-----------------|---------|---|
| 05.10.2015 | 2,1217  | J.Fes    |          | Import Sites/Data Import      | Ver.Info        | Change: | On 'Sync.Site.Data' did not delete non existing ITEM Data from JobMgr.DB<br>Issue are solved by code changes.   |
| 05.10.2015 | 2,1217  | S.Gueth  |          | JobControl Settings           | Check.Settings  | New:    | JobClient - JobServer checks now if the Memory usage of JobClient is not to high.<br>If the Memory usage is to high, JobClient recives !! -NO new Job- !!<br>Message is shown in JobClient and in JobServer<br><br>See also settings in JobServer Settings  |
| 05.10.2015 | 2,1217  | S.Gueth  |          | JobControl Settings           | Check.Settings  | New:    | JobClient - JobServer checks now if the CPU utilization of JobClient is not to high.<br>If the CPU utilization is to high, JobClient recives !! -NO new Job- !!<br>Message is shown in JobClient and in JobServer<br><br>See also settings in JobServer Settings  |
| 21.09.2015 | 2,1217  | J.Fes    |          | ObjectList                    | Ver.Info        | New:    | Edit Process status: Supports now selection of data via 'Grid-Cells'.<br>This enhancement improves selection of data to edit the process status.  |
| 16.09.2015 | 2,1217  | J.Fes    |          | Import Sites/Data Import      | UpdDb=Yes       | New:    | OwingGroups supports now SubGroups GR1.GR2.GRn  |
| 02.09.2015 | 2,1217  | A.Becker |          | ObjectList                    | UpdDb=No        | New:    | The column chooser of the data grid can be filtered.  |
| 02.09.2015 | 2,1217  | A.Becker |          | ObjectList                    | UpdDb=No        | New:    | Object list can be populated from selected controls.<br>The object list editor provides new functions to modify elements.   |
| 02.09.2015 | 2,1217  | A.Becker |          | ObjectList                    | UpdDb=No        | New:    | Object list can be populated from selected controls.<br>The object list editor provides new functions to modify elements.   |
| 28.08.2015 | 2,1217  | S.Gueth  | 2396     | Settings JCT                  | Check.Settings  | New:    | Enhancement of DataShare Eval Prozess<br>you can now define DataSet relation Exclude Lists and DataSet Type Exclude Lists<br>these lists will be defined via the new ActionSettings_cls in the cmd tools<br>a file with the name #Action#_Settings.xml has to be in the JobRoot_DP  |
| 27.08.2015 | 2,1217  | A.Becker |          | ObjectList                    | UpdDb=Yes       | New:    | The new ObjectGrouping feature allows to remember and select sets of objects using custom groups.   |
| 27.08.2015 | 2,1217  | A.Becker |          | GUI ObjectList                | UpdDb=No        | Change: | The Search-and-List process is partly moved to background.<br>While the database query runs, the process can be cancelled by the user.  |
| 27.08.2015 | 2,1217  | A.Becker |          | ObjectList                    | UpdDb=Yes       | Change: | The Performance of object listing via InputLists is highly improved now.  |
| 21.08.2015 | 2,1217  | S.Gueth  |          | JobControl Scripting Settings |                 | New:    | JobClient can start PowerShell script files (*.ps1) directly  |
| 10.08.2015 | 2,1216  | S.Gueth  | 2349     | JobControl                    |                 | New:    | Enhancement: Improving performance to generate faster Job's<br>Therefor a extension ist programmed that commit of 'JobResults'<br>is now running in a extra thread. The thread is running parallel<br>to the JobControl Services and improves the generation of new Job's.  |
| 10.08.2015 | 2,1216  | S.Gueth  | 2349     | JobControl                    |                 | New:    | Enhancement: Improving performance to generate faster Job's<br>Therefor a extension ist programmed that commit of 'JobResults'<br>is now running in a extra thread. The thread is running parallel<br>to the JobControl Services and improves the generation of new Job's.  |
| 07.08.2015 | 2,1216  | S.Gueth  |          | Settings JCT                  | Check.Settings  | New:    | Parameter "ExecuteMacroViaUGRouter" in Action "NxDataProcessing_2013_09_02", Subaction "NXMacroExecute"<br>defines if the macro should be executed via UGRouter.exe<br>NX will be closed on start when it was allready open<br>NX has to be started new each time via UGRouter exe to execute the macro   |
| 03.08.2015 | 2,1216  | J.Fes    |          | JCT                           | Ver.Info        | New:    | Refile of Datasets (JobMgr_RfDataSets=ON) extendet.<br>Now Refile 'Error explanation: Text is now parst from Rf.log file.<br><br>P.ResCode = Rf-DS<br>P.Res.Msg = Text after 'Error explanation:<br>#Example Data of Rf.log files:<br>Failed to refile @DB/4711/A/specification/4711-A.<br>Error explanation: The dataset has a newer version in Teamcenter than in this session<br>** Refiling Complete **<br><br>Value of result Message<br>P.Res.Msg = [Rf.ERR:The dataset has a newer version in Teamcenter than in this session] |



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|------------|---------|---------|----------|-------------------------------|-----------------|---------|---|
| 03.08.2015 | 2,1216  | J.Fes   |          | JCT                           | Ver.Info        | New:    | Refile of Datasets (JobMgr_RfDataSets=ON) extendet.<br>Now Refile 'Error explanation: Text is now parst from Rf.log file.<br><br>P.ResCode = Rf-DS<br>P.Res.Msg = Text after 'Error explanation:<br>#Example Data of Rf.log files:<br>Failed to refile @DB/4711/A/specification/4711-A.<br>Error explanation: The dataset has a newer version in Teamcenter than in this session<br>** Refiling Complete **<br><br>Value of result Message<br>P.Res.Msg = [Rf.ERR:The dataset has a newer version in Teamcenter than in this session]                                 |
| 16.07.2015 | 2,1215  | J.Fes   |          | ObjectList                    |                 | Change: | DataColume in DataGrid renamed<br>from: O.Type(SP/AP)<br>to...: O.SP/AP/NP  |
| 13.07.2015 | 2,1215  | J.Fes   |          | DB Settings                   | Ver.Info        | New:    | New Function in JobServer: Create quick a full backup of JobMgr.DB.<br>See: Extra->Setup->Setup database->database maintain->25 - Create a new backup of JobMgr.DB<br><br>Note: Function will only be executed on JobMgr-SQL Server.  |
| 13.07.2015 | 2,1215  | J.Fes   |          | ObjectList                    | Ver.Info        | New:    |   |
| 02.07.2015 | 2,1215  | S.Gueth | 2389     | Settings CheckBox             | Check.Settings  | Change: | Changed default values for "MD.Volume Deviation Result Rules" in CB Settings from cm^3 to mm^3<br>OK: 0,000 mm^3 - 0,001 mm^3<br>WRN: 0,001 mm^3 - 0,010 mm^3<br>ERR: 0,010 mm^3 - ...  |
| 02.07.2015 | 2,1215  | S.Gueth | 2389     | Settings CheckBox             | Check.Settings  | Change: | The MD.Volume values will now be converted from unit cm^3 to unit mm^3<br>Hint: The values are not changed in CB.xml files. The values are there still in unit cm^3   |
| 24.06.2015 | 2,1215  | S.Gueth | 2386     | Settings JCT                  | Check.Settings  | Change: | Enhanced generation of input file for 'DataShare', 'DataSync' and 'FlipTheSwitch' process<br>IMPORTAND: in Action 'TcMultiSite_2012_02' and Subaction 'DataSync DataShare FlipTheSwitch'<br>the parameters 'DataSync_ItemList_DPNE DataShare_IRList_DPNE FlipTheSwitch_IRList_DPNE' changed to 'InputList_DPNE'<br>please check this in your script<br>new parameters:<br>'ClassOutType' : defines for which type the input list should be exported, default: I (Item)<br>'ClassOutContent' : defines which content should be exported to the input list, default: ID |
| 24.06.2015 | 2,1215  | J.Fes   | 1182     | JCT                           | Ver.Info        | New:    | Refile evaluation support's now also motion part's  |
| 19.06.2015 | 2,1215  | S.Gueth |          | Install and Setup             |                 | Doc:    | With Version 1.0.1.7 the JobManagerUpdate program can be updated by itself  |
| 19.06.2015 | 2,1215  | S.Gueth |          | Install and Setup<br>Settings | Check.Settings  | New:    | It is possible now to set a password in the JobManagerUpdate program<br>to decrypt password protected zip files<br>Just open JobManagerUpdate.exe > Setup > Settings > Zip File Settings and edit Password  |
| 17.06.2015 | 2,1214  | S.Gueth | 2383     | Settings CheckBox             |                 | New:    | added "EN.ViewDependent Mappers" in CheckBox Settings<br>defines ViewDependent mappings for all entities<br>if the ViewDependent name contains the string of 'Text 1' or 'Text 2'<br>then it will be replaced with the string of 'Map Alias'  |
| 17.06.2015 | 2,1214  | S.Gueth | 2383     | Settings CheckBox             |                 | New:    | added "EN.Text Mappers" in CheckBox Settings<br>defines Text mappings for all entities<br>if the text contains the string of 'Text 1' or 'Text 2'<br>then it will be replaced with the string of 'Map Alias'  |
| 16.06.2015 | 2,1214  | J.Fes   |          | Import Sites/Data<br>Import   | Ver.Info        |         | SQL to analyse Presice BOMS are updated<br>Now we using in 'BOMc_Precise.SQL' Script<br>PSTRUCTURE_REVISIONS<br>With this change we are able to read also BOM's that missing<br>POM_BACKPOINTER releations.   |

| Date       | Version | User    | Issue-Nr | Categorie                            | Additional Info             | Type | Description   |
|------------|---------|---------|----------|--------------------------------------|-----------------------------|------|---|
| 09.06.2015 | 2,1213  | J.Fes   |          | Import Sites/Data<br>Import Settings | UpdDb=Yes<br>Check.Settings | New: | <p>Object data contains now for ItemRevision (IR) and Dataset (DS) data<br/>new colums: 'Ir.Rank'<br/>- Ir.Rank determined via 'Latest by IR Creation Date' or 'Latest by AlphaRevOrder'</p> <p>Please check settings in:<br/>Sites/Data Import -&gt; Edit Site def. --&gt; Site Import Setting 1<br/>-&gt; Imoprt Data Conditions -&gt; Lastest Item Revison Rule</p> <p>Hint: If you change setting of 'Lastest Item Revison Rule'<br/>Please Update data via:<br/>Sites/Data Import -&gt; Imp.Extended -&gt; 'Updated.Site Ir.Rank via Rev.Rule'</p>   |
| 05.06.2015 | 2,1212  | S.Gueth | 2379     | JCT                                  |                             | New: | <p>It is now possible to add a customer NxSyslog parser in the refile process.<br/>Methode is desinged for parsing customer data from NX.Syslog files.<br/>Results are contained in P.Result.Msg and own in a new section: [CustomKey:...]</p> <p>For usage:<br/>1. Rename in dir<br/>..\10-JobScripts\RefileNX##\ClientScripts\Resources<br/>File.: RfNxSylog_ResClRules_Custom_template.xml<br/>to...: RfNxSylog_ResClRules_Custom.xml</p> <p>2. Edit settings in: RfNxSylog_ResClRules_Custom.xml</p> <p>3. define in Job script:<br/>set ResultClassificationCustom_DPNE=%CmdCurRoot_DP%\Resources\RfNxSylog_ResClRules_Custom.xml<br/>or:<br/>set ResultClassificationCustom_DPNE=#JobRoot_DP#\Resources\RfNxSylog_ResClRules_Custom.xml</p>                                 |
| 29.05.2015 | 2,1212  | J.Fes   |          | JobControl                           | Ver.Info                    | New: | <p>It is now posible to define how many Job's of o specific JobRule<br/>may run on a JobClient.<br/>Please define it in JobControl -&gt; JobRules -&gt; JobComputer<br/>Syntax...: ComputerName1:n[:NoFurtherJob];ComputerName2:n[:NoFurtherJob]</p> <p>Example 1: Computer1:2;Computer2:5<br/>Example 1: Computer1 runs max 2 Jobs of JobRule<br/>Example 1: Computer2 runs max 5 Jobs of JobRule</p> <p>Example 2: *:1<br/>Example 2: All Computer runs 1 Job of JobRule</p> <p>Example 3: Computer1:1:NoFurtherJob;Computer2:5:NoFurtherJob<br/>Example 3: Computer1 runs max 1 Jobs of JobRule<br/>Example 3: Computer2 runs max 5 Jobs of JobRule<br/>Example 3: Behavior like Example 1 but if computer runs n JobMax then NO further job is searched in other JobRules</p> |
| 28.05.2015 | 2,1212  | S.Gueth | 2375     | JCT                                  |                             | New: | <p>a syslog section file will now be written for each refiled object<br/>this file is also available via J.Link</p>   |
| 26.05.2015 | 2,1212  | J.Fes   |          | Import Sites/Data<br>Import          | Ver.Info                    | New: | <p>New TC.Site Data Import Dialog created.<br/>Now it is posible to Import TC.Site Data in TimeFrames begin/end.<br/>With this methode it is posible to import Data form TC with more then 1 JobServer.</p>   |
| 20.05.2015 | 2,1212  | J.Fes   |          | JobControl                           | Ver.Info                    | New: | <p>in Job's selecting Items now function to<br/>add 'IR' Data to JobPacket is avialble.<br/>Enhancment is Done by code changes.</p>   |
| 12.05.2015 | 2,1212  | S.Gueth |          | Settings JCT                         | Check.Settings              | New: | <p>PLMPerformanceAnalyse: parameter: "IgnoreMultipleLoggedInUsers"<br/>determines if multiple logged in users with same username on the same pc should be ignored or not (default is false, should<br/>not be ignored)</p>  |
| 06.05.2015 | 2,1212  | S.Gueth |          | JCT                                  |                             | New: | <p>SubAction "DxfDwgExport" in Action "NxDataProcessing_2013_09"<br/>Method to export Dxf or Dwg files</p>  |
| 06.05.2015 | 2,1212  | S.Gueth |          | JCT                                  |                             | New: | <p>SubAction "StepExport" in Action "NxDataProcessing_2013_09"<br/>Method to export Step files</p>  |
| 06.05.2015 | 2,1212  | S.Gueth |          | JCT                                  |                             | New: | <p>-Action "NxDataProcessing_2013_09" -SubAction "ParaSolidExport"<br/>Method to export ParaSolid files</p>   |

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|------------|---------|---------|----------|--------------------------|-----------------|---------|---|
| 21.04.2015 | 2,1211  | S.Gueth |          | Settings JCT             | Check.Settings  | New:    | SubAction "Refile_Part" in Action "RefileTC_2012_01" for refiling single dataset parts to use it, set following in JM->Script/Param.->JC.Script(cmd).ParamExt:<br>set JobMgr_RfPart=ON  |
| 21.04.2015 | 2,1211  | S.Gueth |          | Settings JCT             | Check.Settings  | New:    | SubAction "Refile_Part" in Action "RefileTC_2012_01" for refiling single dataset parts to use it, set following in JM->Script/Param.->JC.Script(cmd).ParamExt:<br>set JobMgr_RfPart=ON  |
| 16.04.2015 | 2,1211  | J.Fes   |          | GUI                      | Ver.Info        | Change: | JobServer Titel Version info changed to new format<br>Syntax is now: VX.YYYYY (Build:DD.MM.YYYY)<br>Example: V2.12117 (Build:16.04.2015)  |
| 15.04.2015 | 2,121   | J.Fes   |          | Scripting                | Ver.Info        | Change: | Renamed function:<br>from: IRs_and_Datasets_ImportFromTcDB_DoImportForIR<br>to...: IRs_and_Datasets_ImportFromTcDB_DoImportForIR_Control  |
| 14.04.2015 | 2,121   | J.Fes   |          | Scripting                | Ver.Info        | Change: | Code changes on Class Datasets_and_Irs_cls<br>General:<br>Property DataType now changed generic types<br>Please change in JS.Scripts<br>for example:<br>from: IrExportRecord.Value = "MyValue"<br>to...: IrExportRecord = "MyValue"   |
| 26.03.2015 | 2,121   | J.Fes   |          | Import Sites/Data Import | Ver.Info        |         | On Importing manuel (via Extras->Import data of Item / IR)<br>If you add only the item name to the input dialog then all data of Item and IR will be imported.  |
| 26.03.2015 | 2,121   | J.Fes   |          | Import Sites/Data Import | Ver.Info        |         | On Importing manuel (via Extras->Import data of Item / IR)<br>If you add only the item name to the input dialog then all data of Item and IR will be imported.  |
| 26.03.2015 | 2,121   | S.Gueth |          | JCT                      |                 | Change: | TCRefile: If no result in Refile JobLogFile was found, but everything in NX.Syslog is OK, then the object will get a warning (not an error)<br>Res.Msg: [Rf:WRN:No refile results in RefileJobLogFile found!][Rf.NX.Syslog:LoadUp:OK,LoadDisp:OK,Save:OK,SecEnd:OK] becomes WRN in JobManager               |
| 24.03.2015 | 2,121   | J.Fes   |          | CheckBox                 | Ver.Info        | Change: | Outputformat of CheckBox result report enhanced<br>- Parthistory lists now matching matching parthistory<br>- Parthistory shows now which of the parthistory entries presents the last interactive save action (Last int. save)   |
| 18.03.2015 | 2,121   | J.Fes   |          | JCT                      | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction Status_remigrate_ResultEval<br>If no data from TC extracted for a remigrated Object then the following message is added to the P.Res.Msg:<br>[Status:ERR:no status info extracted form TC. Please !Chk data in TC!]  |
| 18.03.2015 | 2,121   | J.Fes   |          | JCT                      | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction Status_remigrate_ResultEval<br>If no data from TC extracted for a remigrated Object then the following message is added to the P.Res.Msg:<br>[Status:ERR:no status info extracted form TC. Please !Chk data in TC!]  |
| 09.03.2015 | 2,121   | S.Gueth | 2294     | Settings CheckBox        | Check.Settings  | New:    | New setting 'PH.Attributes Mapper' in CheckBox settings manager.<br>It can be used to map attributes having diffrent 'Attribute Titel' between NX versions  |
| 09.03.2015 | 2,121   | J.Fes   |          | JobControl               | Ver.Info        | Change: | Handling of exceptions and errors during generating JobPacket's is improved.<br><br>If an exception or error appears a detailed message is printet in JobManager and on JobClient:<br>- if JobScript template file is missing<br>- if an general exception happend<br><br>Issues is solved by code changes. |
| 20.02.2015 | 2,121   | S.Gueth |          | JCT                      |                 | New:    | SubAction 'I_IR_BOM_DS_eval' for Action 'TcMultiSite_2012_02'<br>compares two Items with its ItemRev, Bom and Dataset informations<br>Section Meaning ResCode on Error<br>I.. Item 200<br>IR. ItemRevision 300<br>BOM Bill of Material 400<br>DS. Dataset 500   |
| 20.02.2015 | 2,121   | J.Fes   |          | Settings                 | Ver.Info        | New:    | JobManager settings containing now a note field<br>This can be used ta add notes belonging to the JobManger settings.<br><br>see: JobMgr -> Extra -> Setup -> Settings -> Tab JobServer -> 01 Customer Notes -> 01 Customer Notes   |
| 16.02.2015 | 2,121   | J.Fes   |          | Import Sites/Data Import | Ver.Info        | Change: | During import in some cases Item.puid or Ir.puid value has been empty.<br>Now data import checks if value is empty and try's to read the puid data again.<br>#Hint: this issue is in evaluation phase.  |

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|------------|---------|--------------------|----------|-----------------------------|----------------------------|---------|--|
| 16.02.2015 | 2,121   | J.Fes              |          | CheckBox                    | Ver.Info                   | Change: | Body.Density check was in case of specific regional settings wrong.<br>Body.Density are now using Type decimal.<br>With this change compairing results via Body.Density <= 0 are correct.  |
| 16.02.2015 | 2,121   | J.Fes              |          | GUI                         | Ver.Info                   | Change: | JobManger did not write in all cases data to the JobManager log files.<br>Issue is now solved by code changes.   |
| 11.02.2015 | 2,121   | J.Fes+S.Gue<br>th  |          | JobControl                  | Ver.Info                   | New:    | JobClient - JobServer checks now if JobClient has enough Disk Space.<br>If not enough Disk Space is avialble JobClient recives !! -NO new Job- !!<br>Message is shown in JobClient and in JobServer<br><br>See also settings in JobServer Settings   |
| 09.02.2015 | 2,121   | J.Fes              |          | Import Sites/Data<br>Import | Ver.Info                   | Change: | Multisite Export Recorde Data contains now 'only' SiteID's of Sites<br>that are registerd in JobMgr Site list (see tab:'Sites/Data Import').   |
| 07.02.2015 | 2,121   | J.Fes              |          | Settings CheckBox           | Ver.Info<br>Check.Settings | New:    | New Setting:'AS.Comp.InstanceName chars ignor list' available<br>Now you can define a list of chars that are ignored during comparing Assembly Component InstanceName.   |
| 06.02.2015 | 2,121   | S.Gueth            |          | JobControl Settings         | Check.Settings             | New:    | 93.04 Sites SQL Server CPU Utilization Settings' added in JobServer settings:<br>Setup Sites SQL Server CPU Utilization Settings, for checking the lokal CPU utilization for the SQL Server of the TC Site<br><br>These are general settings for all sites, but can be overwritten on each JobRule at:<br>'JobControl Rules' -> 'Job Def Extended 2' -> 2.3 'Sites SQL Server CPU Utilization Settings'  |
| 06.02.2015 | 2,121   | S.Gueth            |          | JobControl Settings         | Check.Settings             | New:    | Host Drive Settings settings added in JobServer settings:<br>-- List of local disk to check disc space:<br>Setup witch local drives of the clients will be checked for the available free disc space<br>-- Local Drives space check: OK lower bound (GB):<br>Setup the lower bound of the local disk space check, until it returns OK (default is 4GB)<br>-- Local Drives space check: ERR upper bound (GB):<br>Setup the upper bound of the local disk space check, until it returns ERR (default is 1GB) |
| 04.02.2015 | 2,121   | S.Gueth            | 2286     | JobControl                  |                            | New:    | JobClient reports the free space of the local drives<br>Default Values: (editable in JobServer Settings)<br>OK > 1 GB<br>WRN between 0.1 and 1 GB<br>ERR < 0.1 GB (connection to JS will be skipped)   |
| 04.02.2015 | 2,121   | J.Fes              |          | JCT                         | Ver.Info                   | Change: | -Action MigIdeas2NX_2013_10 -SubAction finalChk_ResultEval<br>BOMCompair Rules Changed:<br>If no 'BOM.xml pre' exist results is now set to ResultCode=0 Result.Status=D.WRN (Warning)<br>Before this change it result was set to ResultCode=BOM-101 Result.Status=D.ERR (Error)<br>Change done upon consultation Klaus Langer and Josef Feuerstein   |
| 04.02.2015 | 2,121   | J.Fes              |          | JCT                         | Ver.Info                   | Change: |  |
| 03.02.2015 | 2,121   | J.Fes              |          | Import Sites/Data<br>Import |                            | Change: | If a Site is a nativ Site then ObjectFs_VOL value is the<br>partial part of the full path to the File Object<br>#Example: SiteDef.Nativ Root Dir: 'D:\NxData\Test1'<br>ObjectFs_DPNE.....: 'D:\NxData\Test1\Product1\MainParts'<br>ObjectFs_VOL.....: 'Product1\MainParts'   |
| 03.02.2015 | 2,121   | J.Fes              |          | JCT                         | Ver.Info                   | New:    | JobMgrDataOrg supports now also Nativ (File based) ObjectData<br><br>Native Files are stored in following directory structure:<br>#JobMgrDataRoot_DP#\#SiteId#\#ObjectFs_Vol#\#ObjectFs_NE#\..   |
| 03.02.2015 | 2,121   | J.Fes              |          | CheckBox                    | Ver.Info                   | New:    | CheckBox Tools Supports now nativ mode.  |
| 30.01.2015 | 2,121   | J.Fes              |          | JobControl                  | Ver.Info                   | New:    | If a Job do not return any Job.Results then<br>JobData will be set to following results:<br>P.Res.Code.....: JM-999999<br>P.Res.Msg.....: [ERR:Job did not returned any JobResults]<br>P.Res.Status.....: D.U.ERR  |
| 29.01.2015 | 2,121   | J.Fes              |          | ProcessGroups               | Ver.Info                   | Change: | Names and description of ProcessGroups settings are reorganized.<br>ProcessGroup settings are now better to understand.  |
| 28.01.2015 | 2,121   | J.Fes              |          | JobControl                  | Ver.Info                   | Change: | JobResults contained in *_JobResultsGenericV1.Log did not worked anymore.<br>Reason was because files with name pattern *_JobResultsGenericV1.Log was not extracted from Job.zip file.<br>Issue is now solved by code changes.   |
| 23.01.2015 | 2,121   | J.Fes+A.Bec<br>ker |          | JobControl                  | Ver.Info                   | Change: | Local time of JobClient was wrong transversd to JobServer if a timesone has been in between.<br>Issue is now fixed by code changes   |

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|------------|---------|----------|----------|--------------------------|-----------------|---------|---|
| 22.01.2015 | 2,121   | J.Fes    |          | Settings CheckBox        | Check.Settings  | New:    | New setting: Check behavior for Text that 'Empty or blanked'<br>You now can define if 'Drafting.Text[s].Values' are both 'Empty or blanked' is to be checked<br>By default 'Empty or blanked' is not checked  |
| 22.01.2015 | 2,121   | J.Fes    |          | CheckBox                 | Ver.Info        | Change: | ChecBox - Result Viewer did NOT displayed in all cases the .tif files<br>that belongs to the same .tif group.<br>Issue is solved by code changes.   |
| 21.01.2015 | 2,121   | J.Fes    |          | Import Sites/Data Import | Ver.Info        | Change: | JobServer analyses ImPrecice BOM's by<br>Now via Ir creation Date. Before it was analyses by max(IR-ID).<br>Changes are done by updating BOMc_ImPrecise.SQL + BOMc_ImPrecise_TCUA.SQL   |
| 06.01.2015 | 2,121   | S.Gueth  | 2285     | Settings CheckBox        | Check.Settings  | New:    | Property 'MD.Volume Deviation Percentage Result Rules' in ModelData<br>defines result classification rules for percentage volume deviation  |
| 05.01.2015 | 2,121   | S.Gueth  | 2285     | CheckBox                 |                 | New:    | Parameter 'CBMoveExtractedFilesToArchive' in CB config<br>Defines if extracted CheckBox files (xml, cgm) should be moved to the archive or not<br>Default is 'true'<br>HINT: if 'false', then extracted files will be deleted   |
| 30.12.2014 | 2,121   | J.Fes    |          | JCT                      | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction Status_final_ResultEval<br>In case a Item/Rev contains has 'NO' 3D cmm part (of Types:IdeasPart,IdeasAssembly,ProPrt,ProAsm) .<br>but contains 1 UgMaster then results are returned as OK.   |
| 30.12.2014 | 2,121   | J.Fes    |          | JCT                      | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction Status_final_ResultEval<br>In case a Item/Rev contains has 'NO' 3D cmm part (of Types:IdeasPart,IdeasAssembly,ProPrt,ProAsm) .<br>but contains 1 UgMaster then results are returned as OK.   |
| 27.12.2014 | 2,121   | J.Fes    |          | TaskScheduler            | Ver.Info        | Change: | Issue: Tasksheduler Job's with defined TimePoints [TP=HH:MM][TP=HH:MM] dit not worked anymore.<br>Issue is now solved by code changes in JobServer and JFProgLib.dll.   |
| 18.12.2014 | 2,121   | A.Becker |          | Settings                 | UpdDb=No        | Change: | User Settings are stored in a XML file instead of the windows registry.<br>The file is located in the users directory within 01-BinServer.Custom<br>Use the methods from the new UserSettings class to load or save values.   |
| 17.12.2014 | 2,121   | J.Fes    |          | JCT                      | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction CMM_ResultEval<br>Parsing of cmm logfiles enhanced for ProDrw<br>Now in CMM.log we searching for Key: ' * Processing drawing:' + #ItemId#/#RevId#  |
| 17.12.2014 | 2,121   | J.Fes    |          | JCT                      | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction CMM_ResultEval<br>Parsing of cmm logfiles enhanced for ProDrw<br>Now in CMM.log we searching for Key: ' * Processing drawing:' + #ItemId#/#RevId#  |
| 16.12.2014 | 2,121   | J.Fes    |          | Admin                    | Ver.Info        | Change: | JobMgr Database Setup/Update<br>New Setup avialble to run a Custom T-SQL Script List in JobMgr Database.<br><br>Use Extra->SETUP->Setup database->Database Setup->21 - Database Custom Setup ...<br>and select in file dialog one of your custom T-SQL Script List File (*SQLScriptList.txt)                                      |
| 16.12.2014 | 2,121   | J.Fes    |          | Admin                    | Ver.Info        | Change: | JobMgr Database Setup/Update<br>If running a T-SQL script via Extra->SETUP->Setup database->Execute T-SQL Script (via Fileselect) ...<br>then now JobMgr waits after executing the selected T-SQL script.   |
| 16.12.2014 | 2,121   | J.Fes    |          | ObjectList               | Ver.Info        | New:    | Filter for ObjectData extendet:<br>Now it is also posible to search for data via 'Object Puid'  |
| 12.12.2014 | 2,121   | J.Fes    |          | JCT                      | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction CMM_ResultEval<br>In case a Item/Rev contains has 'NO' 3D cmm part (of Types:IdeasPart,IdeasAssembly,ProPrt,ProAsm) .<br>but contains 1 UgMaster then:<br>Returns OK if 1 UGMASTER exist with name schema: ItemId-RevId<br>Returns WRN if 1 UGMASTER exist other name schema: ItemId-RevId |
| 12.12.2014 | 2,121   | J.Fes    |          | JCT                      | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction finalChk_ResultEval<br>In case a Item/Rev contains has 'NO' 3D cmm part (of Types:IdeasPart,IdeasAssembly,ProPrt,ProAsm) .<br>but contains 1 UgMaster then results are returned as OK.   |
| 12.12.2014 | 2,121   | J.Fes    |          | JCT                      | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction CMM_ResultEval<br>In case a Item/Rev contains has 'NO' 3D cmm part (of Types:IdeasPart,IdeasAssembly,ProPrt,ProAsm) .<br>but contains 1 UgMaster then:<br>Returns OK if 1 UGMASTER exist with name schema: ItemId-RevId<br>Returns WRN if 1 UGMASTER exist other name schema: ItemId-RevId |
| 12.12.2014 | 2,121   | J.Fes    |          | JCT                      | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction finalChk_ResultEval<br>In case a Item/Rev contains has 'NO' 3D cmm part (of Types:IdeasPart,IdeasAssembly,ProPrt,ProAsm) .<br>but contains 1 UgMaster then results are returned as OK.   |
| 12.12.2014 | 2,121   | A.Becker |          | GUI ObjectList           | UpdDb=No        | New:    | GridLayout Customer Defaults for Objects List can be easy selected by a new control above the objects FilterPanel.<br>It features Layout Default-Restore, Save/Restore custom layout, Quick Restore custom layout from dropdown.  |



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|------------|---------|----------|----------|-------------------------------|-----------------|---------|--|
| 12.12.2014 | 2,121   | A.Becker |          | GUI ObjectList                | UpdDb=No        | New:    | Objects Filter Customer Defaults can be easy selected by a new control above the objects FilterPanel.<br>It features Layout Default-Restore, Save/Restore custom layout, Quick Restore custom filter from dropdown.<br>In addition the last 10 filters used are automatically saved by a feature called RingBuffer.  |
| 09.12.2014 | 2,121   | J.Fes    |          | JobControl                    | Ver.Info        | Change: | If JobServer start's with JobControl:A or JobControl:R<br>then Titel of JobServer will contain string 'JobControler'<br><br>If JobServer start's with TaskScheduler:ON<br>then Titel of JobServer will contain string 'TaskScheduler'  |
| 05.12.2014 | 2,121   | A.Becker |          | GUI                           | UpdDb=No        | Change: | The application standard grid layouts can be updated using the View->Restore functions while holding the Shift-Key. This modifies the Action from Restore to Store.  |
| 05.12.2014 | 2,121   | A.Becker |          | GUI ProcessGroups             | UpdDb=No        | New:    | Added a new property [ProcStateKind] to the details of a ProcState.<br>The value of this property modifies the behavior of the ProcState as follows:<br>Normal: The same behavior like before<br>QueryOnly: The ProcState cannot be selected to manually set a Process Status<br>Can be used for status which only will be set by processes for for combined query status like T;RUN;XX<br>VisualSeparator: The name and display text become fixed and the ProcState is no more selectable by the user.<br>The default separator colors are DarkGray/Transparent, but they can be overridden by custom color selection.<br>The only purpose is to provide visual separations between groups of ProcStates. |
| 04.12.2014 | 2,121   | J.Fes    |          | JCT                           | Ver.Info        | New:    | -Action "NxDataProcessing_2013_09" add new -SubAction "NXMacroExecute"<br>With this Tool you can run an NX.macro on each NX.Dataset it is containd in the JobPacket.<br>Details see: ..03-<br>BinPublic.ClientServer\JobManagerCmdTools_Docu\30.NxDataProcessing_2013_09\NxDataProcessing_2013_09_01_docu.txt  |
| 04.12.2014 | 2,121   | A.Becker |          | GUI ObjectJobResults Settings | UpdDb=No        | New:    | The custom ProcStates can be edited direct from the View-Menu for the current procStateCol.<br>After edit, the columns in the grid are updated instantly.  |
| 04.12.2014 | 2,121   | A.Becker |          | GUI ObjectJobResults Settings | UpdDb=No        | New:    | The custom columns for process results can be edited direct from the View-Menu for the current procStateCol.<br>After edit, the columns in the grid are updated instantly.   |
| 04.12.2014 | 2,121   | A.Becker |          | GUI                           | UpdDb=No        | Change: | New structure for grid layout saved files. The extension changed from .xml to .jsgl (JobServer GridLayout)<br>Multiple custom table layouts can be saved with given names.<br>Each Grid has its own folder under 01-BinServer.Custom\_CustomDefaults\Settings\<br>Refer to detailed documentation in file:///V:\JobManager\ProgEntw\Ver03\JobManagerV3\10-Dokumentation.Application.Working\01-Dokumentation-Entwicklung\JobManagerV3_EntwDokumentation_A.Becker.pptx<br>See on page 01.12.2014 Entwicklung JobManager: Organizazion of saved GridLayouts  |
| 28.11.2014 | 2,121   | S.Gueth  |          | JobControl JCT                |                 | New:    | Added JobData4PostAction Class, to define PostActions that will be done in the JobServer after a Job was processed on the client<br>for example: renaming of an object, deleting an object etc...  |
| 05.11.2014 | 2,121   | J.Fes    |          | GUI                           | Ver.Info        | New:    | AdminMode is nwo available.<br>To prevent unmeant changes in JobServer config settings a new AdminMode Button is added to the JobServer toolbar.<br>Config settings are stored in Grids of 'Sites/Data Import' 'Scripts/Param' 'Job Control'<br>If enabled you can edit the config settings in JobServer.<br>If disabled you can NOT edit the settings in JobServer.   |
| 05.11.2014 | 2,121   | S.Gueth  |          | CommandLineArgs               |                 | New:    | New command line argument "/WorkInstTitel" for JobClient and JobServer available.<br>Specifies the 'JobServerWorkInstance' titel.<br>#Doc Info: If not set, 'JobServerWorkInstance' from settings.xml will be used.<br><br>#Exa: /WorkInstTitel P.System-01  |
| 05.11.2014 | 2,121   | S.Gueth  |          | CommandLineArgs               |                 | New:    | New command line argument "/TCPPort" for JobClient and JobServer available.<br>Specifies the port on that JobClient's connecting to the JobServer.<br>Doc Info: If not set, port from settings.xml will be used.<br><br>#Example: /TCPPort 13001   |
| 05.11.2014 | 2,121   | J.Fes    |          | Install and Setup             | Ver.Info        | Change: | Updating JS.Databases via executing SQL Scripts<br>'logic' for continue runnig SQL Scripts Is changed<br><br>if clicking 'YES' each Scripts will be processed without stoping after executing<br>if clicking 'NO' after processing each Scripts process will 'stop'  |
| 03.11.2014 | 2,121   | J.Fes    |          | JobControl                    | Ver.Info        | Change: | Usning in JobControl -> JobComputer Scripts lead in case that JobComputer Data was not saved to a Error. Issue is now saved by code changes  |

| Date       | Version | User    | Issue-Nr | Categorie                   | Additional Info             | Type    | Description   |
|------------|---------|---------|----------|-----------------------------|-----------------------------|---------|---|
| 30.10.2014 | 2,121   | J.Fes   |          | JCT                         |                             | Change: | -Action MigIdeas2NX_2013_10 -SubAction FinalResultEval<br>Excutes now also -SubAction BOMCompair<br>After this Update Process BOM eXtract for JobData1ToProcess is needet before running -SubAction finalChk_ResultEval   |
| 30.10.2014 | 2,121   | J.Fes   |          | JCT                         |                             | Change: | -Action MigIdeas2NX_2013_10 -SubAction FinalResultEval<br>Excutes now also -SubAction BOMCompair<br>After this Update Process BOM eXtract for JobData1ToProcess is needet before running -SubAction finalChk_ResultEval   |
| 30.10.2014 | 2,121   | J.Fes   |          | JCT                         |                             | Change: | -Action MigIdeas2NX_2013_10 -SubAction CMM_ResultEval<br>Excutes now also -SubAction BOMCompair<br>After this Update -SubAction BOMCompair is NOT anymore needet please check Script's  |
| 30.10.2014 | 2,121   | J.Fes   |          | JobControl                  | Ver.Info                    | New:    | In JobScripts also Windows PowerShell Scripts *.ps1 can be selected.<br>All Windows PowerShell Scripts (*.ps1) containd in JobScript directory<br>will be filled out with the value of the placeholder variables. (placeholder Example: #03-BinPublic_DP# ..)   |
| 24.10.2014 | 2,121   | S.Gueth |          | JCT                         |                             | Change: | RfInputList_cls und RfInputListItem_cls eingeführt,<br>um Item und Revision in der Inputliste miteinander zu vergleichen<br>verhindert, dass doppelte cli namen mit einem anderen Trennzeichen in der Inputliste auftauchen   |
| 23.10.2014 | 2,121   | J.Fes   |          | JobControl                  | Ver.Info                    | Change: | If in JobControle Rule DS_of_IR was used with IncObjTypes then<br>include objects was not added to JobPacket.<br>Issue is now solved by code changes  |
| 17.10.2014 | 2,121   | J.Fes   |          | ObjectList                  | Ver.Info                    | Change: | to view file content via JobLink faild in case that path to file containd in JobLogFiles was to long.<br>Issue is now solved via code changes.  |
| 15.09.2014 | 2,121   | J.Fes   |          | JobControl                  | UpdDb=Yes                   | New:    | JobControlRules extendet<br>Now it is posible to define in JobControlRules<br>to add 'IR' (or and) 'ITEM' data additional to the JobData.<br><br>If you activate this Rule then additional to the selected JobData<br>also 'IR' (or and) 'ITEM' DATA are addet to JobData1ToProcess.xml<br><br>#Example: Use this rule<br>if Job Selection is based on Datasets but also IR or ITEM Data is needet in the Job.<br><br>#Doc Info:<br>Please notice if rule is activated also Process Status is set to<br>additional selected Data. |
| 03.09.2014 | 2,121   | J.Fes   |          | ObjectList                  | UpdDb=Yes                   | Change: | Performance to read and display Object data in register Objects List<br>is improved<br>- via Sql<br>and<br>- Methodes to displaying the data in Objects datagrid.   |
| 03.09.2014 | 2,121   | S.Gueth |          | JCT                         |                             | New:    |   |
| 14.08.2014 | 2,121   | J.Fes   |          | Import Sites/Data<br>Import | Ver.Info                    | Change: | Base Import Default Conditions changed<br><br>ImportAssembMaxLev from 20 to 30 Levels<br>IImportAssembMaxComp from 25000 to 250000 Component's  |
| 14.08.2014 | 2,121   | J.Fes   |          | TaskScheduler Settings      | Ver.Info<br>Check.Settings  | New:    | TaskScheduler extendet now you can define ReDo intervalls in TimeScheduler colume.<br>#Doc: ReDo times are in seconds #Example: 10min * 60sec/min = 600sec<br>#Example: [WD=* TP=05:00] [WD=* TS=07:00-18:00 ReDo=600] [WD=* TS=18:00-05:00 ReDo=3600]<br> -> every Day betw. 07:00-18:00 ReDo every 10 min the defined Job.  |
| 11.08.2014 | 2,121   | J.Fes   |          | Import Sites/Data<br>Import | Ver.Info                    | New:    | Data Model extendet: Now you can use Customer defined Attibutes.<br><br>In Site definitions you can define settings for extracting<br>Customer Attributes from TC.DB into JobMgr.DB.<br><br>Use example:<br>Reading Data from IR's Forms Attributes and import it into JobMgr.  |
| 11.08.2014 | 2,121   | J.Fes   |          | ProcessGroups<br>Settings   | UpdDb=Yes<br>Check.Settings | Doc:    | JobServer: Number of ProcessGroups increased to 20.<br><br>Solving Issue: In somme cases changes on Process Groups was not saved to database.<br>Bevor this change it was needet to reload Process Group settings befor edit settings.<br>Issue is now solved by code changes.  |

| Date            | Version  | User             | Issue-Nr | Categorie                | Additional Info | Type    | Description  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
|-----------------|--|------------------|----------|--------------------------|-----------------|---------|--|-----|---------|-----------------|--------|--|------------------|---------|---|------------------|-------|---|------------------|-------|--|------------------|----------|--|------------------|--|--|--|-------|--|------------|-----------|--|------------|--|--|--|-----------------|---------------------------|------------|-----------------|---------------------------|------------|
| 30.07.2014      | 2,121  | J.Fes            |          | Import Sites/Data Import | UpdDb=Yes       | New:    | Data Import Assembly-BOM analyse improved:<br><br>- Performance improved on reading BOM data from TC<br>by Grouping same BOM Lines into one BOM Line + reciving N.Counting<br><br>- Performance improved by using caching BOMLine data during import.<br>With this change any already readed Data is not needet to<br>read again from TC Database.<br><br>- BOM Unique Components now also analysed<br>Now you can see how many 'Unique components' is contained in an assembly<br>see data in Register: Objects Lists colume 'O.AP.Unique'<br><br>First test on testsystems of addPLM shows performance improvments from 40% - 60%  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| 21.07.2014      | 2,121  | J.Fes            |          | CheckBox                 | Ver.Info        | Change: | CheckBox Extract contains in section [JC:] details about termination reason.<br>#Example: [JC:ERR Terminated:runtime limit of 7200 seconds reached]  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| 18.07.2014      | 2,121  | J.Fes            |          | Import Sites/Data Import | UpdDb=Yes       | Change: | Option ImportTcApBomLineUgGometryNo_DoCount removed<br>This Option defined: 'Not to count BOM Lines having UGGeometrie NO occurences'<br>Option was removed because no customer is using this.   |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| 17.07.2014      | 2,121  | J.Fes            |          | JCT                      | Ver.Info        | New:    | -Action "CBTools_2012_05" -SubAction "CBMoveCBFilesToCBArchiv"<br>NX.sylog Analyse Extendet with new Section: NX.Syslog<br>if NX.Syslog contains on end 'replaced with' then<br>P.Res.Code = NXSyslog-901<br>P.Res.MSG += [NX.Syslog:ERR NX.Syslog contains on end 'replaced with']  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| 09.07.2014      | 2,121  | S.Gueth          | 2258     | JCT                      |                 | New:    | Subaction 'BOMCompair' in MigIdeas2NX_2013_10<br>Compairs BOM contend between 'Pre CMM' to 'Post CMM'<br><table><tr><td>key</td><td>meaning</td><td>ERR Result Code</td></tr><tr><td>XmlPre</td><td>extracted BOM xml file pre cmm process</td><td>(OK/ERR) BOM-101</td></tr><tr><td>XmlPost</td><td>extracted BOM xml file post cmm process</td><td>(OK/ERR) BOM-102</td></tr><tr><td>BH-IR</td><td>BOM header: OK if Item Revision is matching</td><td>(OK/ERR) BOM-110</td></tr><tr><td>BH-PS</td><td>BOM header: OK if BOM's is still Presice</td><td>(OK/ERR) BOM-111</td></tr><tr><td>BH-BLPre</td><td>if BOM lines in pre BOM is missing in post BOM</td><td>(OK/ERR) BOM-113</td></tr><tr><td></td><td>in this case a BOM Line is not nexisting anymore after CMM</td><td></td></tr><tr><td>BH-LC</td><td>BOM header: BOM lines count (pre:n&lt;-&gt;post:n)</td><td>(is MSG) 0</td></tr><tr><td>BH-BLPost</td><td>BOM lines in post BOM missing in pre BOM</td><td>(is MSG) 0</td></tr><tr><td></td><td>in this case a BOM Line is added new after CMM</td><td></td></tr><tr><td>BL-OcNs:ItemRev</td><td>BOM line: occurence notes</td><td>(is MSG) 0</td></tr><tr><td>BL-SqNr:ItemRev</td><td>BOM line: sequence number</td><td>(is MSG) 0</td></tr></table> | key | meaning | ERR Result Code | XmlPre | extracted BOM xml file pre cmm process | (OK/ERR) BOM-101 | XmlPost | extracted BOM xml file post cmm process | (OK/ERR) BOM-102 | BH-IR | BOM header: OK if Item Revision is matching | (OK/ERR) BOM-110 | BH-PS | BOM header: OK if BOM's is still Presice | (OK/ERR) BOM-111 | BH-BLPre | if BOM lines in pre BOM is missing in post BOM | (OK/ERR) BOM-113 |  | in this case a BOM Line is not nexisting anymore after CMM |  | BH-LC | BOM header: BOM lines count (pre:n<->post:n) | (is MSG) 0 | BH-BLPost | BOM lines in post BOM missing in pre BOM | (is MSG) 0 |  | in this case a BOM Line is added new after CMM |  | BL-OcNs:ItemRev | BOM line: occurence notes | (is MSG) 0 | BL-SqNr:ItemRev | BOM line: sequence number | (is MSG) 0 |
| key             | meaning  | ERR Result Code  |          |                          |                 |         |  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| XmlPre          | extracted BOM xml file pre cmm process                     | (OK/ERR) BOM-101 |          |                          |                 |         |  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| XmlPost         | extracted BOM xml file post cmm process                    | (OK/ERR) BOM-102 |          |                          |                 |         |  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| BH-IR           | BOM header: OK if Item Revision is matching                | (OK/ERR) BOM-110 |          |                          |                 |         |  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| BH-PS           | BOM header: OK if BOM's is still Presice                   | (OK/ERR) BOM-111 |          |                          |                 |         |  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| BH-BLPre        | if BOM lines in pre BOM is missing in post BOM             | (OK/ERR) BOM-113 |          |                          |                 |         |  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
|                 | in this case a BOM Line is not nexisting anymore after CMM |                  |          |                          |                 |         |  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| BH-LC           | BOM header: BOM lines count (pre:n<->post:n)               | (is MSG) 0       |          |                          |                 |         |  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| BH-BLPost       | BOM lines in post BOM missing in pre BOM                   | (is MSG) 0       |          |                          |                 |         |  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
|                 | in this case a BOM Line is added new after CMM             |                  |          |                          |                 |         |  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| BL-OcNs:ItemRev | BOM line: occurence notes                                  | (is MSG) 0       |          |                          |                 |         |  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| BL-SqNr:ItemRev | BOM line: sequence number                                  | (is MSG) 0       |          |                          |                 |         |  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| 30.06.2014      | 2,121  | J.Fes            |          | JCT                      | Ver.Info        | Change: | -Action "RefileTC_2012_01" -SubAction "extract"<br>Refile input list will now be written with:<br>Encoding: System.Text.Encoding.GetEncoding(1252)   |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| 30.06.2014      | 2,121  | J.Fes            |          | JCT                      | Ver.Info        | Change: | -Action "RefileTC_2012_01" -SubAction "EXTRACT"<br>If Refile JobData contained only Nonmaster Object of IR then IR was not addet to 'RfInput list'<br>Issue is now solved by code changes  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| 30.06.2014      | 2,121  | J.Fes            |          | JCT                      | Ver.Info        | Change: | -Action "RefileTC_2012_01" -SubAction "EVALUATE"<br>Evaluation of Refile results did not worked correct<br>if JobData contained national letters like ÄÖÜ äöü<br>Issue is now solved by code changes<br><br>#Doc: Problem was soleved by reading Textfile content<br>with Encoding: System.Text.Encoding.GetEncoding(1252)   |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |
| 26.06.2014      | 2,121  | J.Fes            |          | JCT                      | Ver.Info        | Change: | Action: -MigCmm3D2NX_2013_10 SubAction: -Status_final_ResultEval<br>In case evaluation of having wrong Status after prosessing set final status<br>Objects has been Returned with P.Res.State:D.WRN<br><br>Now Result returns:<br>P.Res.State: D.ERR<br>P.Res.Msg...: [final:ERR] [Status.Cmm3D:ERR:is wrong:Locked] [NxObj:OK: NX.Dataset exist]  |     |         |                 |        |  |                  |         |   |                  |       |   |                  |       |  |                  |          |  |                  |  |  |  |       |  |            |           |  |            |  |  |  |                 |                           |            |                 |                           |            |

| Date       | Version | User    | Issue-Nr | Categorie         | Additional Info | Type    | Description   |
|------------|---------|---------|----------|-------------------|-----------------|---------|---|
| 26.06.2014 | 2,121   | J.Fes   |          | JCT               |                 | Change: | If JobData is printet folowing extensions has been Done:<br>- now you can see if printet are the content of<br>JobData1ToProcess.xml<br>JobData2Result.xml<br><br>- now if JobResult has ProcessResultExtendedData then<br>ProcessResultExtendedData is printed in a second line  |
| 26.06.2014 | 2,121   | J.Fes   |          | JCT               | Ver.Info        | Change: | Action: -MigCmm3D2NX_2013_10 SubAction: -Status_final_ResultEval<br>In case evaluation of having wrong Status after proprocessing set final status<br>Objects has been Returned with P.Res.State:D.WRN<br><br>Now Result returns:<br>P.Res.State: D.ERR<br>P.Res.Msg...: [final:ERR] [Status.Cmm3D:ERR:is wrong:Locked] [NxObj:OK: NX.Dataset exist]  |
| 17.06.2014 | 2,121   | J.Fes   |          | JCT               | Ver.Info        | Change: | Action: -MigCmm3D2NX_2013_10 SubAction: -InitalResultsEval<br>In case that no correspondending Dataset containd in Extracted Tc Data was not found in JobManager.JobData1ToProcess<br>then an MessageBox with message: "hier" comes up.<br>Solution:<br>MessageBox is replaced by a message in command windows:<br>ERR: for extracted Tc Dataset:[#ObjectCliNameCompactInfoForOutput#] no correspondending Dataset found in JobData1ToProcess.<br>ERR:  -> results are useless and will be ignored.<br>Problem is now solved. |
| 17.06.2014 | 2,121   | J.Fes   |          | JCT               | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction finalChk_ResultEval<br>If Dataset names of a migrated NX Dataset was longer then 32 chars<br>then the correspondending NX - Ideas or ProE Dataset did not matched.<br>Out of this reason JobMgr always returned that the NX Dataset did not exist.<br>Problem is now solved by code changes.   |
| 17.06.2014 | 2,121   | J.Fes   |          | JCT               | Ver.Info        | Change: | Action: -MigCmm3D2NX_2013_10 SubAction: -InitalResultsEval<br>In case that no correspondending Dataset containd in Extracted Tc Data was not found in JobManager.JobData1ToProcess<br>then an MessageBox with message: "hier" comes up.<br>Solution:<br>MessageBox is replaced by a message in command windows:<br>ERR: for extracted Tc Dataset:[#ObjectCliNameCompactInfoForOutput#] no correspondending Dataset found in JobData1ToProcess.<br>ERR:  -> results are useless and will be ignored.<br>Problem is now solved. |
| 17.06.2014 | 2,121   | J.Fes   |          | JCT               | Ver.Info        | Change: | -Action MigIdeas2NX_2013_10 -SubAction finalChk_ResultEval<br>If Dataset names of a migrated NX Dataset was longer then 32 chars<br>then the correspondending NX - Ideas or ProE Dataset did not matched.<br>Out of this reason JobMgr always returned that the NX Dataset did not exist.<br>Problem is now solved by code changes.   |
| 12.06.2014 | 2,121   | J.Fes   |          | JobControl        | Ver.Info        | Change: | Deleting JobControl Rules Dit not worked in all cases.<br>Problem is now solved by code changes   |
| 11.06.2014 | 2,121   | S.Gueth |          | Settings CheckBox | Check.Settings  | New:    | CheckBox Config Parameter : 'CBDurationsAnalyse'<br>If true, the duration for load, update, extract and the entire duration of the cb extract of each part file will be parsed and<br>the result will be printed into P.Res.Msg.Ext.Data  |
| 06.06.2014 | 2,121   | S.Gueth |          | Install and Setup |                 | New:    | Database Settings insert, to create the database via PLMPerformance Analyse   |
| 09.05.2014 | 2,121   | J.Fes   |          | JCT               | Ver.Info        | Change: | MigIdeas2NX_2013_10.CMM_ResultEval<br>Issue P.ResMsg contains wrong Message [CMM:DoExecute:YES..(!but is not yet done!)][..]<br>is now fixed.<br>Description of solution:<br>If in *_cmm.log section for Dataset is found then<br>P.ResMsg = '[CMM:DoExecute:YES]' ...<br>If in *_cmm.log section for Dataset is !-NOT-! found then<br>P.ResMsg = '[CMM:DoExecute:NO]' ...  |
| 09.05.2014 | 2,121   | J.Fes   |          | JCT               | Ver.Info        | Change: | -Action "RefileTC_2012_01" -SubAction "EVALUATE"<br>Rf.NX.Syslog do not sets P.Res.Has.WRN = 'true' anymore   |
| 28.04.2014 | 2,121   | S.Gueth | 1145     | JCT               |                 | New:    | Parameter: -objectType for JobDataExtract<br>only objects with the given object type will be extracted, seperate with ';' #Exa: (UGMASTER;UGPART)   |

| Date       | Version | User    | Issue-Nr | Categorie                   | Additional Info            | Type    | Description  |
|------------|---------|---------|----------|-----------------------------|----------------------------|---------|--|
| 28.04.2014 | 2,121   | J.Fes   |          | Settings JCT                | Ver.Info<br>Check.Settings | Change: | <p>if using -SubAction "CMM_InpListGen" with -force switch then folowing rules are active:</p> <p>forces all datasets to be included in 'Status_final_InpList'</p> <p>1. even if: BomView analyse returns false</p> <p>forces all datasets to be included in 'Cmm_InpList'</p> <p>1. even if: BomView analyse returns false</p> <p>2. even if: corresponding NX Dataset exist</p> <p>3. even if: cmmStatus is not OK</p>   |
| 28.04.2014 | 2,121   | J.Fes   |          | Settings JCT                | Ver.Info<br>Check.Settings | Change: | <p>if using -SubAction "CMM_InpListGen" with -force switch then folowing rules are active:</p> <p>forces all datasets to be included in 'Status_final_InpList'</p> <p>1. even if: BomView analyse returns false</p> <p>forces all datasets to be included in 'Cmm_InpList'</p> <p>1. even if: BomView analyse returns false</p> <p>2. even if: corresponding NX Dataset exist</p> <p>3. even if: cmmStatus is not OK</p>   |
| 28.04.2014 | 2,121   | S.Gueth | 2246     | JCT                         |                            |         | <p>SubAction "JTUpdateLogFileEval" in Action "NxDataProcessing_2013_09" log file parsing for jt update in teamcenter</p> <p>Parameters:</p> <p>-Action "NxDataProcessing_2013_09"</p> <p>-SubAction "JTUpdateLogFileEval" analyses the jt process logfiles</p> <p>-JobRoot_DP "#JobRoot_DP#" JobRoot Directory</p> <p>-LogFilesDir "#JobRoot_DP#\JtTCUpdate" path to the directory where the jt_log are</p>  |
| 28.04.2014 | 2,121   | S.Gueth | 2246     | JCT                         |                            | New:    | <p>Subaction "JTUpdateInputListGen" in "NxDataProcessing_2013_09" for input list generation for jt update in teamcenter</p> <p>Parameters:</p> <p>-Action "NxDataProcessing_2013_09"</p> <p>-SubAction "JTUpdateInputListGen" generates the input list to extract jt files</p> <p>-JobRoot_DP "#JobRoot_DP#" JobRoot Directory</p> <p>-ObjectList_SP_DPNE "c:\list_sp.txt" path and name of the list for the single parts</p> <p>-ObjectList_AP_DPNE "c:\list_ap.txt" path and name of the list for the assembly parts</p> |
| 25.04.2014 | 2,121   | J.Fes   | 2249     | ObjectList                  | UpdDb=Yes                  | New:    | <p>Dataset List contains now new colume O.FS_LastModDate</p> <p>This colume contains the last modification date of file object.</p> <p>The file object is the last version in the named reference of Dataset.</p>  |
| 22.04.2014 | 2,121   | J.Fes   |          | ObjectJobResults            | Ver.Info                   | Change: | <p>CMM Result Evaluation checks now if in 'Named Refrences' of NX-Dataset is an NX-Partfile referenced.</p> <p>P.Msg: [NxObj:ERR:NX.Dataset(UgPart) exist but:ERR_301_DataSetIsMissingFileObject]</p>  |
| 22.04.2014 | 2,121   | J.Fes   |          | ObjectJobResults            | Ver.Info                   | Change: | <p>CMM Result Evaluation checks now if in 'Named Refrences' of NX-Dataset is an NX-Partfile referenced.</p> <p>P.Msg: [NxObj:ERR:NX.Dataset(UgMaster) exist but:ERR_301_DataSetIsMissingFileObject]</p>  |
| 22.04.2014 | 2,121   | J.Fes   |          | ObjectJobResults            | Ver.Info                   | Change: | <p>CMM Result Evaluation checks now if in 'Named Refrences' of NX-Dataset is an NX-Partfile referenced.</p> <p>P.Msg: [NxObj:ERR:NX.Dataset(UgPart) exist but:ERR_301_DataSetIsMissingFileObject]</p>  |
| 22.04.2014 | 2,121   | J.Fes   |          | ObjectJobResults            | Ver.Info                   | Change: | <p>CMM Result Evaluation checks now if in 'Named Refrences' of NX-Dataset is an NX-Partfile referenced.</p> <p>P.Msg: [NxObj:ERR:NX.Dataset(UgMaster) exist but:ERR_301_DataSetIsMissingFileObject]</p>  |
| 22.04.2014 | 2,121   | J.Fes   |          | JobControl                  | Ver.Info                   | New:    | <p>the folowing new variables can be used to get dir where CustomTcSQL are stored into</p> <p>- #TcSQL_JS_DP# or #TcSQL_DP# can be used to point to Dir: ..\01-BinServer.Custom\_CustomTcSQL\#TcSiteId#</p> <p>- #TcSQL_JC_DP# can be used to point to Dir: ..\02-BinClient.Custom\_CustomTcSQL\#TcSiteId#</p>   |
| 16.04.2014 | 2,121   | J.Fes   |          | JobControl                  |                            | New:    | <p>JobControl Rules is extendet</p> <p>Now you can define in JobComputers Object selection rules for Volume and Group</p> <p>If JobComputers.JobR.sel.O.Group &lt;&gt; '' then this value replaces value defined in JobControlRule.sel.O.Group</p> <p>If JobComputers.JobR.sel.O.Vol &lt;&gt; '' then this value replaces value defined in JobControlRule.sel.O.Vol</p>  |
| 16.04.2014 | 2,121   | J.Fes   |          | JobControl                  | Ver.Info                   | Change: | <p>Filtering of JobControl Rules via JC.J.Rule.filter by:'J.JobName'</p> <p>is now working correct.</p>  |
| 10.04.2014 | 2,121   | J.Fes   | 2239     | Import Sites/Data<br>Import |                            | Change: | <p>Import of Data from TC Database was not working if TC.Database is a MSSql Server</p> <p>Problem is now solved</p>   |
| 10.04.2014 | 2,121   | J.Fes   | 2240     | Import Sites/Data<br>Import | Ver.Info                   | Change: | <p>JobServer nativ data import stopted with NullReferenceException</p> <p>Problem is now solved</p>  |



| Date       | Version | User    | Issue-Nr | Categorie           | Additional Info             | Type    | Description   |
|------------|---------|---------|----------|---------------------|-----------------------------|---------|---|
| 02.04.2014 | 2,121   | J.Fes   | 2231     | TaskScheduler       | Ver.Info                    | Change: | Problem: Tasksheduler Redoes Job's in wrong intervals<br>Issue is now solved by code changes in JobServer and JFProgLib.dll.  |
| 24.03.2014 | 2,121   | J.Fes   |          | JobControl          |                             | New:    | During import JobResults only needed files are expanted from JobLog.zip files<br>SearchNames are:<br>- *Result.xml<br>- *ToProcess.xml<br>- *PostAction.xml (#New: 2.1210;01.12.2014;J.Fes)<br>- *info.xml<br>- *.syslog<br>- *RunAfterImportOnJobServer.*<br>- *_JobResultsGenericV1.Log (#New: 2.1210;28.01.2015;J.Fes)   |
| 20.03.2014 | 2,121   | J.Fes   |          | ObjectList          | Ver.Info                    | New:    | Changes on List of Dataset view<br>New Columne: Ir.Rel.State<br>New Columne: Ir.Rel.Date  |
| 20.03.2014 | 2,121   | J.Fes   |          | ObjectList          | Ver.Info                    | New:    | Changes on List of Dataset view<br>Ren Columne: O.Rel.State.Date renamed to O.Rel.Date  |
| 14.03.2014 | 2,121   | S.Gueth | 1213     | JCT                 |                             | New:    | SubAction CheckMateLogFileEval for Action LongTermArchivement_2014_02<br>Analyse a Check Mate xml file for an Object and sets the status  |
| 07.03.2014 | 2,121   | J.Fes   |          | JCT                 | Ver.Info                    | New:    | Print of JobResults now colores result date depending on ResultCode<br>If ResultCode = '0' --> Result is printed in green color<br>If ResultCode <> '0' --> Result is printed in red color  |
| 27.02.2014 | 2,121   | J.Fes   |          | JobControl Settings | UpdDb=Yes<br>Check.Settings | New:    | JobControl -> JobComputer settings extendet<br>Now you can set for JobComputer's a JobRule.Name filter that defines<br>who of the Rules are be used by this JobComputer<br>Please look at: JobControl -> JobComputer -> New Columne: [J.Rule.filter by:'J.JobName']   |
| 27.02.2014 | 2,121   | J.Fes   |          | JobControl          | Ver.Info                    | Change: | PartUpdate Process Group includes now only that Datasets Types of IR-'UGMaster'<br>that are selected in JobControl Rule.<br>please look settings in JobControl Rules of P.Rf<br>Tab: 'Job Definition' -> sel:O.Special: 'DS.all OF IR' -> Incl.O.Type(s)  |
| 26.02.2014 | 2,121   | S.Gueth | 1214     | JCT                 |                             | New:    | SubAction StepLogFileEval for Action LongTermArchivement_2014_02<br>Analyse a Step log file for an Object and sets the status   |
| 26.02.2014 | 2,121   | J.Fes   | 1181     | Reports             | Ver.Info                    | New:    | New Report: Report_305_List_of_all_happend_errors_GroupBy_Type_For_All_Sites avilable<br><br>#Doc: This Report lists all happend Errors of all Sites with following Data Columes:<br>O.S.Or.Rep Object.: 1-SO (SiteObj)<br>O.Nx.Type.....: AP<br>O.Type.....: UGMASTER<br>P.Res.Code.....: 940007<br>P.Res.Msg.....: ERROR Message<br>R.Error.Count.....: 2   |
| 26.02.2014 | 2,121   | S.Gueth | 1219     | JCT                 |                             | New:    | SubAction MoveToArchive for Action LongTermArchivement_2014_02<br>moves or deletes specified files to/from the archive<br>protocols every single step in an archive log file  |
| 07.02.2014 | 2,121   | J.Fes   |          | CheckBox            | Ver.Info                    | New:    | In special case syntax of CBExtract.csv file contains unexpected New Lines.<br>New Parser is now correcting this problem.<br><br>#Example:<br>-----<br>Readet File Content:<br>ObjectCLI;ResultCode;ResultMsg;xml_filename<br>@DB/CB_TEST_AP01/A;949982;<br>NX License Error: License server system does not support this feature. [ -18 ]<br>[2547];C:\Temp\JobClient\Tc83_CB1_ExtrNx75_00199_CustomerNameShort\JobTemp\CB_TEST_AP01_A_master.xml<br><br>Parsed File Content:<br>ObjectCLI;ResultCode;ResultMsg;xml_filename<br>@DB/CB_TEST_AP01/A;949982;NX License Error: License server system does not support this feature. [ -18 ]<br>[2547];C:\Temp\JobClient\Tc83_CB1_ExtrNx75_00199_CustomerNameShort\JobTemp\CB_TEST_AP01_A_master.xml |
| 05.02.2014 | 2,121   | J.Fes   | 1179     | ObjectList          | Ver.Info                    | New:    | ProE add Data Type<br>ProPrt (ProE-SinglePart)<br>ProAsm (ProE-Assembly)<br>ProDrw (ProE-Drawing)   |

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| Date       | Version | User    | Issue-Nr | Categorie             | Additional Info | Type    | Description  |
|------------|---------|---------|----------|-----------------------|-----------------|---------|--|
| 23.11.2013 | 2,12    | J.Fes   |          | JobControl            | Ver.Info        | New:    | JobControl:JobComputers list the Colume "Org.Notice"<br>is now formated in large text syle.<br>Now you can add new lines and font is set as courier new (Blockfont).   |
| 18.11.2013 | 2,12    | S.Gueth |          | Settings JCT CheckBox | Check.Settings  | New:    | result classification rules for centre of gravity  |
| 18.11.2013 | 2,12    | S.Gueth |          | Settings JCT CheckBox | Check.Settings  | New:    | Result Classification Rules for volume deviation is now available.   |
| 18.11.2013 | 2,12    | J.Fes   |          | ObjectList            | Ver.Info        | New:    | In JobServer 'Object-Liste' Register<br>Object's ID filter Dialog enhanced. This Dialog contains now a new button<br>to save listed ID's into an file.   |
| 13.11.2013 | 2,12    | J.Fes   | 1163     | CheckBox              | Ver.Info        | Change: | Parthitory check redesigned. Now CheckBox check if in both Parthistory's<br>the last 'save action' was done by the same save version.<br><br>Also we check now if the Date/Time of Parthistory has a exactly differenc of 0[min] or 60[min]<br>This is required because since NX8.0 we found differnces of exact 60[min] in Date/Time stamp.<br><br>#Example: see in line 3-5 60[min] diff in line 6-7 0[min] diff.<br>CheckBox.Data 1:[NX V4.0.4.2]                                 CheckBox.Data 2:[NX V8.0.3.4]<br><br>----- -----<br>CliName.:@DB/041.231.104/C/master/                                CliName.:@DB/041.231.104/C/master/<br><br>PartHis.:~   PartHis.:93 12 Nov 13 14:57 NT x64 infodba NX 8.0.3.4<br>- External User~                                       PartHis.:92 27 Jun 13 12:07 NT x64 infodba NX 8.0.3.4<br>1 PartHis.:92 12 Nov 13 13:44 NT Intel infodba NX 4.0.4.2 - External U~ PartHis.:92 27 Jun 13 12:07 NT x64 infodba NX 8.0.3.4<br>(NX Manager ref~                                       PartHis.:91 16 Apr 13 04:33 NT Intel infodba NX<br>2 PartHis.:91 16 Apr 13 03:33 NT Intel infodba NX 4.0.4.2 (NX Manager ~ PartHis.:91 16 Apr 13 04:33 NT Intel infodba NX<br>4.0.4.2 (NX Manager r~                                   PartHis.:90 19 Apr 12 00:47 NT Intel nethh NX 4.0.4.2<br>3 PartHis.:90 18 Apr 12 23:47 NT Intel nethh NX 4.0.4.2                PartHis.:90 19 Apr 12 00:47 NT Intel nethh NX 4.0.4.2<br><br>4 PartHis.:89 20 Apr 12 10:33 NT Intel nethh NX 4.0.4.2                PartHis.:89 20 Apr 12 11:33 NT Intel nethh NX 4.0.4.2<br><br>5 PartHis.:88 20 Apr 12 10:31 NT Intel nethh NX 4.0.4.2                PartHis.:88 20 Apr 12 11:31 NT Intel nethh NX 4.0.4.2<br><br>6 PartHis.:87 02 Feb 09 17:00 NT Intel nethh NX 4.0.4.2                PartHis.:87 02 Feb 09 17:00 NT Intel nethh NX 4.0.4.2<br><br>7 PartHis.:86 02 Feb 09 10:45 NT Intel sidlerc NX 4.0.4.2              PartHis.:86 02 Feb 09 10:45 NT Intel sidlerc NX<br>4.0.4.2 |
| 10.11.2013 | 2,12    | J.Fes   | 1160     | Settings CheckBox     | Check.Settings  | Change: | Methode to analyze difference of ModelData.MomentOfInertia is now based on<br>comparing vector distance between SolidBodyData1.MomentOfInertia and SolidBodyData2.MomentOfInertia.<br>More Details please refer dokument:<br>file://download.plmjobmanager.com/JobManagerV3/V2-0002-AppResources/90-DATA/CustomerNameShort_SettingsGlobal/10-JobScripts/CheckBox/Documentation.Application/CheckBox_02Analyse_JFES.pdf<br>Page: Model Data: Comparing Moment Of Inertial<br><br>#Hint: Before MomentOfInertia was analysed by checking XYZ differences.  |
| 08.11.2013 | 2,12    | J.Fes   |          | ObjectList            | Ver.Info        | New:    | Selection of Objects is now working together with the type of<br>Objects you like to select and view in the JobServer 'Objects List'.<br><br>JS:'Objects List' -> C.Typ (DS/IR/I)<br>If IR or DS is selected then IR's are the base of the selection<br>If I(tems) selected then from the list the items are parsed<br>out and his is then the selection base for the items to view.   |
| 06.11.2013 | 2,12    | J.Fes   |          | JobControl            | UpdDb=Yes       | New:    | In JobControl Rules you can now defined for SelObjectsBy_ObjectSpecSelRule<br>which status the Incl.Object's must have to include them in the JobPacket.<br>Special Rules: If value is '=' or '' then the status is the same as defined in 'sel.O.P.Stat(N,M)'<br>see: JobControl Rules field:"->Incl.P.Stat:"   |
| 05.11.2013 | 2,12    | J.Fes   |          | JCT                   | Ver.Info        | New:    | New switch -MsgLog_DPNE "#JobRoot_DP#\JCCmdToolMsg_Log.txt"<br>If this paramter is given then all messages printed by JC.CmdTools is appended to the given Message.log file.   |

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| Date       | Version | User    | Issue-Nr | Categorie                | Additional Info    | Type    | Description   |
|------------|---------|---------|----------|--------------------------|--------------------|---------|---|
| 23.09.2013 | 2,12    | J.Fes   | 1152     | CheckBox                 | Ver.Info           | New:    | Option: 'Attr_WithNoRef_AndBlankValue_etimate_as added' to CheckBox<br>Now you can define how to estimate:<br>defines how to estimate: Attributes that did not find a referenced Attribut (with same Name) and value is Blank<br>- DiffReport_as_WRN: Differences will be reported as Waring.<br>- DiffReport_as_ERR: Differences will be reported as Error (default).<br>- DiffReport_NO.....: Differences will NOT be reported. Nothing will be written to the report file.                           |
| 23.09.2013 | 2,12    | J.Fes   | 1153     | CheckBox                 | Ver.Info           | New:    | Parsing and compairing Text conatains Symbols is now implemented.<br>For this new conversion Rule is desinged Software now converts for Example: '10\$s' to '10<\$s>'<br>behause until ~NX4 Symbols are written in value: '10\$s' in newer Versions are written in this Syntax 10<\$s>  |
| 19.09.2013 | 2,12    | J.Fes   |          | JobControl               | Ver.Info           | New:    | JobProcess Data data stored in JobData1ToProcess.xml file<br>contains now: <ir_puid> Data<br>- if an Dataset is selected ir.pruid is filled in<br>- if an Ir is selected Item.puid is filled in<br>- if an Item is selected ir_puid is filled in<br><br>#Example section from JobData1ToProcess.xml file:<br><ObjectIr><br><CharacterKey /><br><ItemName>55000000023803</ItemName><br><Rev>A2</Rev><br><ir_puid>w3ANHjmRwD\$ZRC</ir_puid><br><ObjectFromSiteID>BLND6R</ObjectFromSiteID><br></ObjectIr> |
| 13.09.2013 | 2,12    | J.Fes   |          | Import Sites/Data Import | Ver.Info           | Change: | if ObjectFs_SizeBytes is not readed then value is empty   |
| 13.09.2013 | 2,12    | J.Fes   |          | Install and Setup        | Ver.Info           | New:    | Type integration of i-deas / IdeasPart / IdeasAssembly / IdeasDrawing   |
| 13.09.2013 | 2,12    | J.Fes   |          | GUI                      | Ver.Info           | Change: | JobServer Titel Version info changed to new format<br>Syntax is now: VX.YYYY (Build:DD.MM.YYYY:[Build.Nr])<br>Example:       V2.1200 (Build:12.09.2013:[5])   |
| 13.09.2013 | 2,12    | J.Fes   |          | JobControl               | Ver.Info           | Change: | In some cases JobStatus was wrong interpretet.<br>Issue is now fixed by code changes.   |
| 13.09.2013 | 2,12    | J.Fes   |          | Import Sites/Data Import | Ver.Info           | Change: | Dataset ReleaseState and ReleaseDate was not written to JM.DB Problem is now fixed.   |
| 12.09.2013 | 2,12    | J.Fes   |          | Admin                    | Ver.Info           | New:    | if an Exception happend then debug information's<br>contains now sourscode file name and sourcecode line number.<br>With this info we get better information's to fix issues in PLMJobManager Software.   |
| 20.08.2013 | 2,12    | J.Fes   |          | Import Sites/Data Import | UpdDb=Yes Ver.Info | New:    | Information about export recordes is now avialble<br>for Items Irs and Datasets   |
| 19.08.2013 | 2,12    | J.Fes   |          | Import Sites/Data Import | Ver.Info           |         |   |
| 16.08.2013 | 2,12    | J.Fes   |          | Import Sites/Data Import | UpdDb=Yes Ver.Info | New:    | Import of DataClass 'Item' now avialble   |
| 16.08.2013 | 2,12    | J.Fes   |          | Import Sites/Data Import | UpdDb=Yes Ver.Info | New:    | Import of DataClass 'Item' now avialble   |
| 12.08.2013 | 2,1199  | J.Fes   |          | Import Sites/Data Import | Ver.Info           | Change: | In Sites/Data colume 'note' is now a multiline cell   |
| 09.08.2013 | 2,1199  | J.Fes   |          | ObjectJobResults         | Ver.Info           | New:    | JobLink support's now direct access to JobLog Files<br>Therefor a new syntax is desinged: #JobLog_lnk#\JobLog_PP\File_NE<br>    -> File in JobLog<br>    -> parcial path in JobLog<br> -> definition for use of internal Link to JobLog.zip file  |
| 19.07.2013 | 2,1199  | J.Fes   |          | JobControl               | Ver.Info           | New:    | New Option JobControl.ObjectSpecialSelectRule 'DS.all of IR (TC DataSets)'<br>This Option can be used in JobControl Object Selection to select all Dataset's of Item Revision   |
| 17.07.2013 | 2,1199  | J.Fes   |          | Settings                 | Ver.Info           | Change: | If settings are updated that relevant for the GUI are now<br>directly updated.  |
| 08.07.2013 | 2,1198  | S.Gueth |          | JCT                      |                    | New:    | function to extract the refile objects into the input lists, seperated by OwningS and replica objects   |
| 08.07.2013 | 2,1198  | S.Gueth |          | JCT                      |                    | New:    | function to extract the refile objects into the input lists, seperated by OwningS and replica objects   |
| 04.07.2013 | 2,1198  | J.Fes   |          | Import Sites/Data Import | Ver.Info           | Change: | if file system is a unix file system now<br>correct path to the volume file is imported   |



| Date       | Version | User    | Issue-Nr | Categorie                | Additional Info | Type    | Description  |
|------------|---------|---------|----------|--------------------------|-----------------|---------|--|
| 04.07.2013 | 2,1198  | J.Fes   |          | Import Sites/Data Import | Ver.Info        | Change: | if file system is a unix file system now correct path to the volume file is imported   |
| 03.07.2013 | 2,1198  | J.Fes   |          | ObjectList               | Ver.Info        | Change: | On function Objects (DS/IRS) -> Extra View all Data of Assembly<br>if more then one IR was requested. Statistic of Bom struture was wrong because Data of 'components total' and 'components different' was added by eatch analysed IR<br>Issue is solved by code changes  |
| 27.06.2013 | 2,1198  | J.Fes   |          | JobControl               | Ver.Info        | Change: | If JobClient is in TestMode only JobRules are used that starts with 'T' as P.Status selection criteria.<br>All JobContol.Rules that do !!-NOT-!! starts with P.Status = 'T' are skipped."  |
| 27.06.2013 | 2,1198  | J.Fes   |          | CheckBox                 | Ver.Info        | Change: | if prepare.exe (TC.VIS) is used for converting .cgm to .tif<br>and the files are located in UNC pathes then JCT replaces '\\\ true '\\/<br>Reason is that prepare.exe do handels unc pathes wrong.   |
| 24.06.2013 | 2,1198  | J.Fes   |          | CommandLineArgs          | Ver.Info        | New:    | -action IrInfoResolve_2011_06 updated it is now working again  |
| 22.06.2013 | 2,1198  | J.Fes   |          | JobControl               | Ver.Info        | Change: | Analyse of Refile extracts now additional infos from _failed_refiles.log<br>if more then one Line was written in _failed_refiles.log.<br><br>Example: Content of _failed_refiles.log:<br>@DB/66047700/A<br># Returned error-code: 100000023 - while saving data to Teamcenter:<br>Cannot find related object "IRM" (in "IRM.PLME_string_02") on "???" of class "???" (tag 00000000)<br><br>P.ResultMsg returns now:<br>while saving data to Teamcenter: Cannot find related object "IRM" (in "IRM.PLME_string_02") on "???" of class "???" (tag 00000000)  |
| 18.06.2013 | 2,1198  | J.Fes   |          | CheckBox                 | Ver.Info        | Change: | CB.Extract Data new ProcessResult Section [SAVE:xx] / 'CBExtr-12' added<br>Data are returned if CB option -SaveWorkPart was active during CheckBox data extraction   |
| 26.05.2013 | 2,1198  | J.Fes   | 1129     | JCT                      | Ver.Info        | Change: | If no CB.Results during CB.extraction was written to zzCBExport_Result.csv file then<br>Evaluation of results have not been proccesed.<br>Issue is now solved by code changes  |
| 22.05.2013 | 2,1196  | S.Gueth |          | Settings CheckBox        | Check.Settings  | New:    | New in CheckBox Settings: PPM Deviation AsWarning<br>defines the max deviation, until the drawing compare is estimated as a warning, default is 250  |
| 21.05.2013 | 2,1198  | J.Fes   | 1130     | JobControl               | Ver.Info        | Change: | JobResults of GenericJobResultsV2 (JobData2Result.xml) is now imported bevor<br>JobResults of GenericJobResultsV1 (*JobResultsGenericV1.Log) is imported.  |
| 16.05.2013 | 2,1198  | J.Fes   |          | CheckBox                 | Ver.Info        | Change: | Refdata not found was wrong assinged in case if CB1.NXVersion was CB2.NXVersion.<br>Problem is now fixed.  |
| 03.05.2013 | 2,1196  | J.Fes   |          | Import Sites/Data Import | Ver.Info        | Doc:    | During manuell TC: IR/DS import JS Checks now<br>- If IR still contains: 'Dataset' and 'UG FileObject' in named references.<br>- If no 'UGPART Dataset' and 'UG FileObject' in IR exist then JS removes IR and Dataset's from JM.DB.   |
| 19.04.2013 | 2,1196  | S.Gueth | 123      | JCT                      |                 | New:    | CheckBox Settings: CBCmdProgDefs<br>List of all CB Program definitions, which will be executed, if some image files are selected and the compare button is pressed<br><br>Extention.: extention of the file, for that the program will be executed<br>CmdProg...: full path to the program file<br>CmdDefDir.: directory in which the program should be executed, you can set this directory in the options with #File_DP#<br>CmdOptions: arguments for the program, the selected files you can set with: #File1_DPNE# #File2_DPNE# #File3_DPNE# ...   |
| 18.04.2013 | 2,1196  | J.Fes   | 25       | CheckBox                 | Ver.Info        | New:    | CB.Compair Result now assembls used process version infos and transfers<br>this data to process result Colume: 'P.Used.Prg.Vers'<br>Example: P.Used.Prg.Vers:<br>[Extr1.CADv:NX V7.5.1.5][Extr1.CBv:V2.0.1.5(NX7.5ff)][Extr1.CAD.FILEv:NX V7.5.1.5]<br>extract 1: -> Used.NX Ver.  -> Used.NxCB. Ver  -> Vers. of CAD.Files(was last saved)<br>[Extr2.CADv:NX V7.5.1.5][Extr2.CBv:V2.0.1.5(NX7.5ff)][Extr2.CAD.FILEv:NX V7.5.1.5]<br>extract 2: -> Used.NX Ver.  -> Used.NxCB. Ver  -> Vers. of CAD.Files(was last saved)<br>[Comp.JM.CBCv:V2013-04-21.01]<br>for CheckBox Compar: -> Used JobManager CheckBox Compar Version (CBCv) |
| 18.04.2013 | 2,1196  | J.Fes   | 25       | CheckBox                 | Ver.Info        | New:    | After NX.CB extract data now CB.CMD Tools reading form NX.syslog the used<br>NX Version information and transfers this data to<br>process result Colume: 'P.Used.Prg.Vers'<br>Example: P.Used.Prg.Vers.....: [Extr.CADv:NX 6.0.2.8 MP13, 21Apr11][Extr.CBv:V2.0.1.5(NX7.5ff)][Extr.CAD.FILEv:NX V4.0.1]  |

| Date       | Version | User    | Issue-Nr | Categorie                     | Additional Info            | Type    | Description   |
|------------|---------|---------|----------|-------------------------------|----------------------------|---------|---|
| 17.04.2013 | 2,1196  | J.Fes   |          | Import                        | Ver.Info                   | Change: | Tab: 'Sites/Data Import' Colume names renamed<br>Names are now strutured by group:<br>- Site.....: SiteID/Description<br>- IContr.....: settings for Import Control like: 'DateModBegin' 'Update force'<br>- Org-Info.....: Org Info's<br>- Setup-DB.....: settings for Setup DB access like: DB.Provider (Ora/Mssql) ..<br>- Setup-Imp....: settings for Import Conditions like Setup-Imp:Tc-Prj.Data<br>- Setup-Native: settings for Setup a Native Site definition |
| 16.04.2013 | 2,1196  | S.Gueth |          | JCT                           |                            | New:    | DataShare new parameters:<br>-ImportUpdateListDir_DP<br>-TCSiteId<br>if they are set, the ImportUpdateList txt file<br>for successfully processed items will be created   |
| 11.04.2013 | 2,1196  | J.Fes   |          | CheckBox                      | Ver.Info                   | Change: | Analysing of text containing relationships improved.<br>now text containing relations attends replace rule from:'<W@?' to:'<W@'<br>Example: <W@?RELATIONNAME> to <W@RELATIONNAME>   |
| 05.04.2013 | 2,1196  | J.Fes   |          | Settings CheckBox             | Check.Settings             | Change: | Setting Renamed from: ModelBodysCheck_Methode to:<br>Zeile 2  |
| 02.04.2013 | 2,1196  | S.Gueth |          | ObjectJobResults<br>CheckBox  |                            | New:    | If you click on J.Link and the result file is a valid checkbox result file,<br>the CbSettingsManager will be opend with the current result  |
| 01.04.2013 | 2,1196  | J.Fes   |          | Import Sites/Data<br>Import   | UpdDb=Yes Ver.Info         | New:    | Import of Project Data for Item / ItemRev / Datasets avilable.  |
| 29.03.2013 | 2,1197  | J.Fes   |          | Install and Setup<br>CheckBox | Ver.Info                   | Change: | In JobServer Settings Mananger JobServer -> Extra -> Setup -> Tab:CheckBox !! is removed !!<br>Please remind:<br>CheckBox settings are now managed with external tool: "91-CheckBox (Settings and Compair Tool)"<br>You can start the new tool via "_JobManager" Toolbar:<br>- _JobManagerV3 -> 91-TestSystem -> 91-CheckBox (Settings and Compair Tool)<br>--- Or ---<br>- _JobManagerV3 -> 91-ProdSystem -> 91-CheckBox (Settings and Compair Tool)                 |
| 29.03.2013 | 2,1196  | J.Fes   |          | JobControl Settings           | Ver.Info<br>Check.Settings | New:    | Gitter Variablen erweitert es stehen jetzt folgende Variablen zur verfugung<br>-#JobObjectsN# = defined Object per Packet for this Job<br>-#JobObjectApSumMax# = defined max Summe of AP Comp. for this Job   |
| 28.03.2013 | 2,1196  | J.Fes   |          | CheckBox                      | Ver.Info                   | Change: | IssueJobMgr.Issue-110: Problem to find matching text for Entity 25/25 Text's<br>is now solved   |
| 27.03.2013 | 2,1196  | J.Fes   |          | ObjectList Settings           | Check.Settings             | Change: |   |
| 26.03.2013 | 2,1196  | S.Gueth |          | JCT CheckBox                  |                            | Change: | if there is no cgm to tif program it displays:<br>[DC:ERR:CgmToTif Conver.Prg (%UGII_BASE_DIR%\NXPLOT\cgm2tiff.exe) Not Found]  |
| 25.03.2013 | 2,1195  | J.Fes   |          | CheckBox                      | Ver.Info                   | New:    | ModelData.SolidBodyCheck Analyse of section PrototyeAnalysis integreted.<br>Now comparing 'SolidBodies' consitensy is avilable  |
| 20.03.2013 | 2,1195  | S.Gueth |          | JCT                           |                            | Change: | --> errors like MB:SUCCESS where removed, not it is only SUCCESS  |
| 20.03.2013 | 2,1195  | S.Gueth |          | JCT                           |                            | Change: | --> errors like MB:SUCCESS where removed, not it is only SUCCESS  |
| 11.03.2013 | 2,1195  | J.Fes   |          | JCT CheckBox                  | Ver.Info                   | New:    | All listed Entitistype25 SubTypes 'Ent25.Subtype(#Number#)'<br>will -!!NOT!!- be compared [Default=List is empty] [Example:6 = UF_draft_crosshatch_subtype]   |
| 07.03.2013 | 2,1195  | J.Fes   |          | Import Settings               | Check.Settings             | Change: | It is now possible to use SyncSiteData during sync TC.DB and JM.DB via TaskSheduler task.<br>to use this please add in Task.Job parameter /SyncSiteData=true  |
| 07.03.2013 | 2,1195  | J.Fes   |          | Import Sites/Data<br>Import   | Ver.Info                   | Change: | SiteData 'DataSync' checks now if ItemId or RevId has changed.<br>If yes data in JM.DB will be updatet.   |
| 04.03.2013 | 2,1194  | S.Gueth |          | JCT                           |                            | New:    | Neue Klassen CmdOutputParseObjects_cls und CmdOutputParseObject_cls, zum Parsen für das Data Share Output log   |
| 04.03.2013 | 2,1194  | S.Gueth |          | JCT                           |                            | New:    | sub ParseDataShareCmdOutputLogFile: to parse the cmd output logfile after the datashare process   |
| 04.03.2013 | 2,1194  | J.Fes   |          | Settings CheckBox             | Ver.Info<br>Check.Settings | New:    | see CheckBox.settings.DebugDetailsToCheckBoxCompairReport<br>- if Value True:add Debugs to CheckBox Compair-Report<br>- if Value False:NO Debugs in CheckBox Compair-Report<br>- Default Value=False  |
| 04.03.2013 | 2,1194  | J.Fes   |          | CheckBox                      | Ver.Info                   | Doc:    | - If using for TextCompairMethod = RemoveLeadingTrailingZeros.<br>Rule Results will be add to PartInfo section<br>- If using for TextCompairMethod = AsText<br>Rule Results will be add to Ent25/Ent26 section  |
| 04.03.2013 | 2,1194  | J.Fes   |          | CheckBox                      | Ver.Info                   |         | Change: If Txt.LTZ then 'Leading or Trailing Zeros' in Entity25 or Entity26 Text is found<br>then Information is now add to section:[PI] Part Information."   |

| Date       | Version | User    | Issue-Nr | Categorie               | Additional Info            | Type    | Description   |
|------------|---------|---------|----------|-------------------------|----------------------------|---------|---|
| 04.03.2013 | 2,1194  | S.Gueth |          | JCT CheckBox            |                            | New:    | Section: P.ResultMsg P.Res.Code<br>P.ERR...: NO CB.Data extracted.: CBExtr-01<br>PL.....: Loading Part.....: CBExtr-02<br>UF.....: Update: All Features.: CBExtr-03<br>UD.....: Update: Drawing views: CBExtr-04<br>PH.....: Part Header Section.: CBExtr-05<br>MD.....: Model Section.....: CBExtr-06<br>AS.....: Assembly Section.....: CBExtr-07<br>DR.....: Drawing Section.....: CBExtr-08<br>EN.....: Entities Section.....: CBExtr-09<br>CBxml...: write Section.....: CBExtr-10<br>CGM....: Gen CGM File.....: CBExtr-11<br>Save....: Save Part.....: CBExtr-12 |
| 04.03.2013 | 2,1194  | S.Gueth |          | CheckBox                |                            | Change: | Index was greater then List Index problem fixed.  |
| 01.03.2013 | 2,1194  | J.Fes   |          | Settings CheckBox       | Ver.Info<br>Check.Settings | Change: | Now each TextBlock ist checked.<br>LTZeros compensating is implementet.<br>LTZeros = Leading / Traling Zeros compensating during comparing text.  |
| 25.02.2013 | 2,1194  | J.Fes   |          | CheckBox                | Ver.Info                   | Doc:    | TextCompair Entity 25 + 26 Information Text #CompRefId_ReplByJMCE# Removed  |
| 19.02.2013 | 2,1194  | S.Gueth |          | JCT                     |                            | New:    | -Action 'TcDataSync_2012_02' wurde in 'TcMultiSite_2012_12' umbenannt   |
| 19.02.2013 | 2,1194  | S.Gueth |          | JCT                     |                            | New:    | SubAction of 'TcMultiSite_2012_02' eingefügt  |
| 19.02.2013 | 2,1194  | J.Fes   |          | JobControl Settings     | Ver.Info<br>Check.Settings | New:    | In Custom Process Status definitions you are<br>now able to define custom results for:<br>[P.ResCode=??] [P.ResMsg=??] [P.ResWarn=1/0] [P.ResLink=Info..]   |
| 18.02.2013 | 2,1194  | J.Fes   |          | GUI ObjectList Settings | Ver.Info<br>Check.Settings |         | In JobServer Settings you can define<br>if Datarows of Multisite/Replica Objects<br>listet in Register: 'Objects List' datagrid will be colored.  |
| 15.02.2013 | 2,1194  | J.Fes   |          | JobControl              | Ver.Info                   | New:    | If JobClient is running in 'Debug' or 'Test' or 'DebugTest' Mode only '1' Job will be send to JobClient.<br>This special rule prevents that during testings the user will be disturbed by getting other new Jobs.   |
| 14.02.2013 | 2,1194  | J.Fes   |          | GUI                     | Ver.Info                   | New:    | Datagrid filter cell bgcolor is set to gold if a filter value is aktive.  |
| 08.02.2013 | 2,1194  | S.Gueth |          | Settings CheckBox       | Check.Settings             | New:    | neues CheckBox Setting in Attributen 'Attr_value_compare_as_number_list'<br>Die Attribute werden darauf getestet, ob beide Values in einen Numerischen Wert geparkt werden können,<br>wenn das zutrifft, dann werden diese via Double Values verglichen,<br>ansonsten werden diese als via strings verglichen.  |
| 05.02.2013 | 2,1194  | S.Gueth |          | Settings CheckBox       | Check.Settings             |         |   |
| 30.01.2013 | 2,1194  | S.Gueth |          | GUI Settings            | Check.Settings             |         | #New: Property: JobServer_WorkInstanceForeColor to set Text fore color of JobServer   |
| 30.01.2013 | 2,1194  | S.Gueth |          | CheckBox                |                            | New:    | neue Parameter für den Checkboxvergleich, um die Beschreibung<br>im div.txt File anzupassen, wenn 2 Verschiedene Teile verglichen werden<br>Cb1DescShort, Cb1DescFull, Cb2DescShort, Cb2DescFull, CbReportDesc  |
| 28.01.2013 | 2,1194  | J.Fes   |          | JCT                     | Ver.Info                   | Change: | -RecToAdd -RecCcAdd -RecBcAdd accepts user list<br>Example: Firstname1.Name1@Company.com##Firstname1 Name1Firstname2.Name2@Company.com##Firstname2 Name2  |
| 23.01.2013 | 2,1194  | S.Gueth |          | GUI                     |                            | New:    | New Key-Action for JobClient: B = Break current JobServer connection  |
| 22.01.2013 | 2,1194  | J.Fes   |          | JobControl              | Ver.Info                   | Doc:    | if refile result file is not found Result is estimatet as R.Code=64 and R.Msg='Refiled Part File not found'   |

| Date       | Version | User    | Issue-Nr | Categorie         | Additional Info            | Type    | Description  |
|------------|---------|---------|----------|-------------------|----------------------------|---------|--|
| 22.01.2013 | 2,1193  | S.Gueth |          | CheckBox          |                            | Change: | <p>Ausgabeformat der Short Message wurde geändert: vorher: [MD:8 Msg:ERR:Vol] jetzt: [MD:ERR:Vol]<br/>Beispiel: [PH:OK] [MD:ERR:Vol] [AS:OK] [DR:OK] [EN25:OK] [EN26:OK] [DC:not.Proc] [PF:OK] [PI:WRN:MD:Density=0]</p> <pre>Get     '.Substring(Me.NameShort.Length)     If Me.ResultCode = 0 Then         Return [ + Me.SectionMain.NameShort + : + Me.ResultMsgShort + ]     Else         Return [ + Me.SectionMain.NameShort + : + Me.ResultMsgShort + ]     End If End Get End Property  Public Property ResultCode() As String Public Property ResultCodeBinary() As Long Public Property SectionMain() As New CheckBoxSections.Section_cls(, , 0) Public Property SectionSub() As New CheckBoxSections.Section_cls(, , 0)  ''' &lt;summary&gt; ''' gibt das Aggregierte Ergebniss in kurzform zurück ''' #Example: [PH:OK] [MD:OK] [AS:OK] [DR:OK] [Pef:OK] [PPM:OK] ''' &lt;/summary&gt; ''' &lt;value&gt;&lt;/value&gt; Public Property ResultMsgShort() As String Get     Dim ResMsgReturn As String =     ' wenn mehrere Meldungen vorliegen dann diese anhängen     ' ApplDokuIntern: 2.068205.09.2010J.Fesangepasst so das jetzt auch kurz infos zu sehen sind</pre> |
| 22.01.2013 | 2,1193  | S.Gueth |          | CheckBox          |                            | New:    | <p>In Checkboxsettings wurde die Option 'Density_is_0_AsErr' hinzugefügt. Diese gibt an, ob eine density = 0 als Fehler oder als Warnung gewertet werden soll. (Default is Fehler)</p>   |
| 22.01.2013 | 2,1194  | S.Gueth |          | CheckBox          |                            |         | <p>Result message for evaluating the CBExtract log has been adjusted.<br/>Example: "[PH:OK] [MD:WRN:CB (NO error text found for error 96)] [AS:OK] [DR:OK] [EN:OK]"<br/>WRN is output if the section is completed but contains an error,<br/>or if the section contains an error and the CB.xml is still written correctly<br/>could be written correctly.<br/>ERR is output if the section was not completed correctly and<br/>the CB.xml could not be written correctly.<br/>If a section does not exist, it is not output.</p>  |
| 21.01.2013 | 2,1193  | S.Gueth |          | CheckBox          |                            | New:    | <p>Section Part Information eingeführt</p>   |
| 15.01.2013 | 2,1193  | J.Fes   |          |                   |                            | New:    | <p>In den settings können jetzt die Pfade zu den OracleClientBin_Path Verzeichnissen angegeben werden.</p>   |
| 18.12.2012 | 2,119   | J.Fes   |          | Settings CheckBox | Ver.Info<br>Check.Settings |         | <p>#New: Unterscheidung der Entity eingeführt für:<br/>-EN25: 'Entity Data 25:Drafting'<br/>-EN26: 'Entity Data 26:Dimensions'</p>   |
| 18.12.2012 | 2,1189  | J.Fes   |          | JobControl        | Ver.Info                   |         |  |
| 14.12.2012 | 2,1185  | J.Fes   |          | CheckBox          | Ver.Info                   | Doc:    | <p>- Example 1: NX8:'&lt;W!123921@VWNAME&gt;' -&gt; bis NX7.5:'&lt;W@VWNAME&gt;'<br/>- Example 2: NX8:'&lt;WID1*0@DB_PART_NO&gt;' -&gt; NX6:'&lt;W@DB_PART_NO&gt;'<br/>Durch diese Anpassung wird gewährleistet das Texte die Referenzen beinhalten<br/>und von den Versionen &lt;=NX7.5 und von verglichen werden koennen"</p>  |
| 02.12.2012 | 2,1176  | S.Gueth |          | JobControl        |                            | New:    | <p>&lt;/remarks&gt;</p>  |
| 24.11.2012 | 2,1169  | J.Fes   |          | Settings CheckBox | Ver.Info<br>Check.Settings | New:    | <p>Entities 25 UG_Darfting comparing added to CheckBox Compar.</p>   |
| 24.11.2012 | 2,1169  | J.Fes   |          | CheckBox          | Ver.Info                   | Change: | <p>CheckBox Report contains now section lines. This lines helps to get better overview in CB Report File.</p>  |
| 24.11.2012 | 2,1169  | J.Fes   |          | CheckBox          | Ver.Info                   |         | <p>#Change: if Drawing Compar was not processed short value is: not.Proc"</p>  |
| 20.11.2012 | 2,1166  | J.Fes   |          | JobControl        |                            | New:    | <p>CB_GeometricCompare_cls&lt;/remarks&gt;</p>   |
| 15.11.2012 | 2,1162  | J.Fes   |          | Settings CheckBox |                            | New:    | <p>in CheckBox Settings you can disable the Check Of ViewAnchorPoints</p>  |
| 14.11.2012 | 2,1159  | J.Fes   |          | Settings CheckBox | Ver.Info<br>Check.Settings | New:    | <p>Methode CLAs_Obj.TifMergCopyToTifMergCollectionIfPPMgt Avilable</p>   |
| 14.11.2012 | 2,1159  | J.Fes   |          | CheckBox          | UpdDb=No Ver.Info          | New:    | <p>funtion to read CheckBox Results from CheckBox LogFile</p>  |

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|------------|---------|---------|----------|--------------------------|----------------------------|-----------------|---|
| 14.11.2012 | 2,1159  | J.Fes   |          | Settings CheckBox        | Ver.Info<br>Check.Settings |                 | Methode CLAs_Obj.TifMergCopyToTifMergCollectionIfPPMgt Avilable"  |
| 09.11.2012 | 2,1154  | J.Fes   |          | CheckBox                 | Ver.Info                   | New:            | Checking if Resets containing a valid volume.   |
| 02.11.2012 | 2,1149  | J.Fes   |          | Settings                 | Ver.Info<br>Check.Settings |                 | Check:'ObjectsWire_n' disablet by default (Result of CB.Meeting 6.11.2012)"   |
| 02.11.2012 | 2,1149  | J.Fes   |          | Settings                 | Ver.Info<br>Check.Settings |                 | "Check:'LayerObjects_n' disablet by default (Result of CB.Meeting 6.11.2012)"   |
| 02.11.2012 | 2,1149  | J.Fes   |          | CheckBox                 | Ver.Info                   |                 | Check.Settings;"Check:'ViewDependentObj' disablet by default (Result of CB.Meeting 6.11.2012)"  |
| 31.10.2012 | 2,1145  | S.Gueth |          |                          |                            | New:<br>Doc:    | Stand übernommen in:  |
| 31.10.2012 | 2,1145  | S.Gueth |          |                          |                            | New:<br>Change: | 2.118511.12.2012S.Gueth: #Change: added clip functionality if the tif size is different   |
| 31.10.2012 | 2,1145  | S.Gueth |          | JobControl               |                            | New:            | <pre>sub CutTifIfDifferent&lt;/remarks&gt;   Public Sub CutTifIfDifferent(ByVal Tif1_DPNE As String, ByVal Tif2_DPNE As String)     'Dim Tif1_DPNE As String = C:\Users\Sascha\Desktop\zzCBMoveToArchiv_csvlog\300569403SHF044-001.FHZ01.B1F8L_----     _master_300569403SHF044-001_----_SH01_#CB6R - Kopie.tif     'Dim Tif2_DPNE As String = C:\Users\Sascha\Desktop\zzCBMoveToArchiv_csvlog\300569403SHF044-001.FHZ01.B1F8L_----     _master_300569403SHF044-001_----_SH01_#CB8F - Kopie.tif      Dim tif1 As System.Drawing.Image     Using Str As System.IO.Stream = System.IO.File.OpenRead(Tif1_DPNE)       tif1 = System.Drawing.Image.FromStream(Str)     End Using      Dim tif2 As System.Drawing.Image     Using Str As System.IO.Stream = System.IO.File.OpenRead(Tif2_DPNE)       tif2 = System.Drawing.Image.FromStream(Str)     End Using      Dim difHeight As Int32 = 0     Dim difWidth As Int32 = 0     Dim tifToResize_DPNE As String =      ' -- prüfen ob Bildhöhe ungleich     If tif1.Height &lt;&gt; tif2.Height Then       ' -- tif2 größer als tif 1       If tif2.Height &gt; tif1.Height Then         difHeight = tif2.Height - tif1.Height         difWidth = tif2.Width - tif1.Width         tifToResize_DPNE = Tif2_DPNE       ' -- tif1 größer als tif 2       Else         difHeight = tif1.Height - tif2.Height         difWidth = tif1.Width - tif2.Width         tifToResize_DPNE = Tif1_DPNE       End If     End If   End Sub</pre> |
| 31.10.2012 | 2,1145  | S.Gueth |          | JobControl               |                            | New:            | function GetPPMFromPicture</remarks>  |
| 29.10.2012 | 2,1141  | J.Fes   |          | JobControl               | Ver.Info                   | New:            | Option -JobMgrDataOrg_BaseNameSchema RootPP1_N=CustomPP1_N verfügbar.   |
| 12.10.2012 | 2,1131  | J.Fes   |          | JobControl               | Ver.Info                   | Change:         | ProcessTimeStart ProcessTimeEnd umgestellt von Minuten genau auf Sekunden genau. Hierdurch wird jetzt der 'last process' Ergebnis richtig ermittelt.<br>Zuvor ist es vorgekommen das wenn processe innerhalb der selben Minute ein object verarbeitet hat das das vorherige Ergebniss (und nicht das wirklich letzte) als 'last processed' ermittelt wurde.   |
| 12.10.2012 | 2,1131  | J.Fes   |          | Import Sites/Data Import | Ver.Info                   | Change:         | IrCreateDate IrLastModDate + ObjectCreateDate umgestellt von Minuten genau auf Sekunden genau."   |
| 12.10.2012 | 2,1131  | J.Fes   |          | JobControl               | Ver.Info                   | Doc:            | Beim Anlegen von JobRules werden die Daten der JobScripts für JobName + JobDescription automaisch übernommen wenn zuerst die JobScripts ausgewählt werden und dann gleich die neue JobRule gespeichert wird.<br>Der JobName wird erstellt aus: JobScriptName_0n<br><br>Die Speicherung der neuen JobRule wird ausgeführt wenn in eine andere Zeile des Datagrids geklickt wird."  |
| 12.10.2012 | 2,1131  | J.Fes   |          | JobControl               | UpdDb=Yes                  | New:            | JobPaket contains only Objektes of diffrent ItemRev.  |
| 12.10.2012 | 2,1131  | J.Fes   |          | JobControl               | UpdDb=Yes                  | New:            | JobPaket contains only Objektes of diffrent Items.  |
| 12.10.2012 | 2,1131  | J.Fes   |          | JobControl               | UpdDb=Yes                  | New:            | JobPaket size control extendet with selections method:'sel:O.Status'<br>This settings defines selectin definition for Objects with Status #New:[31.10.2011 J.Fes]<br>If Value=empty then this Rule is Inaktive. If Vaule='' (2 >'< Chars)   |



| Date       | Version | User     | Issue-Nr | Categorie                            | Additional Info            | Type         | Description  |
|------------|---------|----------|----------|--------------------------------------|----------------------------|--------------|--|
| 12.10.2012 | 2,1131  | J.Fes    |          | JobControl                           | UpdDb=Yes                  | New:<br>Doc: | If Value>0 then this Rule is aktive  |
| 09.10.2012 | 2,1128  | J.Fes    |          | Settings CheckBox                    | Ver.Info<br>Check.Settings | New:         | Auswertung der Performance Daten können aus und eingeschaltet werden. Default = Aus  |
| 09.10.2012 | 2,1128  | J.Fes    |          | Settings CheckBox                    | Ver.Info<br>Check.Settings | Change:      | New setting to control LayerObjects_n_DeviationMax.  |
| 18.09.2012 | 2,1124  | J.Fes    |          | JobControl                           | Ver.Info                   | Change:      | NX8 Refile format of "-out="%RfFailedLog_DPNE%" changed. Old Key 'ERR.Code:' changed to 'error-code:' "  |
| 13.09.2012 | 2,1116  | J.Fes    |          | Settings CheckBox                    | Check.Settings             | Change:      | Compair Checks now with setting: Settings_Obj.TotalFeatures_n_DeviationMax   |
| 13.09.2012 | 2,1116  | J.Fes    |          | Settings CheckBox                    | Check.Settings             | Change:      | Compair Checks now with setting: Settings_Obj.AliveFeatures_n_DeviationMax   |
| 30.08.2012 | 2,1114  | J.Fes    |          | CheckBox                             | Ver.Info                   | Change:      | Names of CheckBox Data Results changed _3Merge->_1Merge _1Dif.tif -> _3Dif _2DifHistoDat -> _3DifHistoDat  |
| 30.08.2012 | 2,1114  | J.Fes    |          | CheckBox                             | Ver.Info                   |              |  |
| 30.08.2012 | 2,1114  | J.Fes    |          | CheckBox                             | Ver.Info                   | Change:      | Names of CheckBox Data Results changed<br>_3Merge -> _1Merge   |
| 27.08.2012 | 2,1112  | J.Fes    |          | Settings CheckBox                    | Ver.Info<br>Check.Settings | New:         | new CB Setting: 'ViewNotes_Dif_AsErr':Defines if ViewNotes diffs are estimated as Error.   |
| 27.08.2012 | 2,1112  | J.Fes    |          | Settings CheckBox                    | Ver.Info<br>Check.Settings | New:         | new CB Setting: defines if 'ViewAnchorX.Y.Z' values not listed in NX8CBData.xml are estimated as Error.  |
| 27.08.2012 | 2,1112  | J.Fes    |          | Settings CheckBox                    | Ver.Info<br>Check.Settings | New:         | new CB Setting:'Refset_Feature3D_n_DeviationMax' defines max deviation until compairing 'Refset.Feature3D_n' is void as a Ok.  |
| 24.08.2012 | 2,111   | J.Fes    |          | JobControl                           | Ver.Info                   | Change:      |  |
| 20.08.2012 | 2,1105  | A.Becker |          | Scripting                            | UpdDb=No                   |              | New...: JobServer 'Scripting engine' support now additional Assemblies as References.<br>Syntax: 'References Assembly.dll  |
| 20.08.2012 | 2,1105  | A.Becker |          | Scripting                            | UpdDb=No                   |              | New:In Scripten können zusätzliche Assemblies als Referenz angegeben werden.<br>Syntax: 'References Assembly.dll   |
| 19.08.2012 | 2,1104  | J.Fes    |          | CheckBox                             | Ver.Info                   | Change:      | CBCompair_ResultAnalyse creates also tif files if required.  |
| 19.08.2012 | 2,1104  | J.Fes    |          | Settings CheckBox                    | Ver.Info<br>Check.Settings | Change:      | CBCompair_ResultAnalyse creates also tif files if required.  |
| 16.08.2012 | 2,1103  | J.Fes    |          | CheckBox                             | Ver.Info                   | Change:      | Names of CheckBox Data Results changed   |
| 19.07.2012 | 2,1086  | J.Fes    |          | JobControl                           | UpdDb=Yes                  | New:         | Es können jetzt in den JobControl Rules via Extendet Process Controls Definitionen der Status anderer Process Gruppen mit geändert werden.<br>#Syntax.: [RuleID=OK] [O.Type=*] [...] [P0#n#.Stat=#NewStatus#].<br>#Example: [RuleID=OK] [O.Type=*] [J.ResCode=0] [J.ResMsg=*] [J.ResWarn=0] [P.Stat=D.OK] [P01.Stat=RUN] [P02.Stat=RUN]" |
| 06.07.2012 | 2,1077  | J.Fes    |          | ObjectList                           | Ver.Info                   |              | wird in der Id EingabeBox ein Return eingegben so wird das laden der Object Daten aus der Datenbank ausgeführt.<br>Es hat den selben Effekt wie das anklicken des Knopf's 'Load List'"   |
| 03.07.2012 | 2,1072  | J.Fes    |          | Import Sites/Data<br>Import Settings | Ver.Info                   |              | Neu: der Knopf J.Link verwendet die Ersetzungsregeln die definiert wurden in: ServerSettings.ReplaceRules  |
| 03.07.2012 | 2,1072  | J.Fes    |          | Install and Setup DB                 | Ver.Info                   |              | #Neu: Standard DB Backupverzeichnis eingefügt ..\90-DATA\#Customer#_#WorkInst#\30-DataBase\24-JobServerDbBackup  |
| 21.06.2012 | 2,106   | J.Fes    |          | CheckBox                             | Ver.Info                   |              | Änderung: CB ResultFiles Trenner geändert von '_' auf '-' Bspl: alt: ug0000036000_NX75_CB3_CB2_Dif_Xml.txt -> ug0000036000_NX75_CB3-CB2_CBDif.txt  |
| 01.06.2012 | 2,1048  | J.Fes    |          | JobControl                           | Ver.Info                   |              | Wenn im Job kein NX.syslog file enthalten war.<br>wurde die TcSiteId nicht in allen Fällen korrekt ermittelt korrigiert  |
| 01.06.2012 | 2,1048  | J.Fes    |          |                                      | Ver.Info                   |              | Neuerung: beim dem Versuch den JobClient Computer zu Rebooten ist der JobClient hängen geblieben. Ursache: Down.exe fehlte im .\02-BinClient Verzeichniss. Korrigiert  |
| 05.04.2012 | 2,0987  | J.Fes    |          | Scripts/Params.                      | Ver.Info                   |              | Neuerung: es steht die GitterVariable: #JobLogZipArchiv_DPNE# zur verfügung. Diese kann genutzt werden um z.B. in einer E-Mail auf den JobLogZipArchive File zu verweisen.   |
| 05.04.2012 | 2,0987  | J.Fes    |          | JobControl Settings                  | Ver.Info<br>Check.Settings | Doc:         | Ablagestruktur von 90-DATA\#CustomerNameShort_WorkInst#\10-JobLogArchiv\ reorganiesiert.<br>Die Logfiles werden jetzt in eigene Unterverzeichnisse je JobName abgelegt.<br>Bestehendes 10-JobLogArchiv Verzeichnis inc. aller Logfiles einfach in Unterverzeichniss \10-JobLogArchiv\zz-JobLogArchiv_Until2012-06-08 verschieben.        |
| 05.04.2012 | 2,0987  | J.Fes    |          | JobControl Settings                  | Ver.Info<br>Check.Settings | Doc:         | Ablagestruktur von 90-DATA\#CustomerNameShort_WorkInst#\10-JobLogArchiv\ reorganiesiert.<br>Die Logfiles werden jetzt in eigene Unterverzeichnisse je JobName abgelegt.<br>Bestehendes 10-JobLogArchiv Verzeichnis inc. aller Logfiles einfach in Unterverzeichniss \10-JobLogArchiv\zz-JobLogArchiv_Until2012-06-08 verschieben.        |
| 03.03.2012 | 2,0974  | J.Fes    |          | ObjectList Settings                  | Ver.Info<br>Check.Settings |              | Neuerung: Process State Edit Form überarbeitet"  |

| Date       | Version | User  | Issue-Nr | Categorie  | Additional Info            | Type    | Description  |
|------------|---------|-------|----------|--|----------------------------|---------|--|
| 20.02.2012 | 2,0962  | J.Fes |          | Install and Setup<br>JobControl<br>Scripts/Params.<br>Settings | Ver.Info<br>Check.Settings |         | Neuerung: #Root_DP#\03-BinPublic.ClientServer eingeführt.<br>In diesem Verzeichniss befinden sich Tools die von dem JobCLient's und von dem JobServer gleichzeitig verwendet werden.<br>Beispiel: JobManagerCmdTools.exe   |
| 19.02.2012 | 2,0961  | J.Fes |          | JobControl   | Ver.Info                   | New:    | JobLogFiles werden jetzt in Unterverzeichnissen abgelegt<br>Example: ..\90-DATA\#Customer_WorkInst#\10-JobLogArchiv\#SiteId#_#JobContolName#\#JobName#.zip abgelegt<br>Jobs die einen Error oder eine Exception währenden des Importvorganges hatten<br>werden in das Verzeichniss ..\90-DATA\#Customer_WorkInst#\10-JobLogArchiv.ImportError\#JobName#.zip abgelegt"  |
| 13.02.2012 | 2,0951  | J.Fes |          | JobControl Settings  | Ver.Info<br>Check.Settings |         | in JobScriptsNeuerung: wird im JobScript<br>set JobAddFile_JobData1ToProcess_xml=false<br>angegeben so wird der File:[JobData1ToProcess_XML] nicht dem JobFile hinzugefuegt.   |
| 13.02.2012 | 2,0951  | J.Fes |          | JobControl Settings  | Check.Settings             | Change: | Neuerung: wird im JobScript set JobAddFile_ObjectsProcessData_xml=false<br>angegeben so wird der ObjectsProcessData.xml nicht dem JobFile hinzugefuegt."   |
| 13.02.2012 | 2,0951  | J.Fes |          | JobControl Settings  | Ver.Info<br>Check.Settings |         | in JobScriptsNeuerung: wird im JobScript<br>set JobAddFile_ObjectsListAllDetails_txt=false<br>angegeben so wird der File:[#JobName#_ObjectsListAllDetails.txt] nicht dem JobFile hinzugefuegt.   |
| 13.02.2012 | 2,0951  | J.Fes |          | JobControl Settings  | Ver.Info<br>Check.Settings |         | in JobScriptsNeuerung: wird im JobScript<br>set JobAddFile_ObjectsList_txt=false<br>angegeben so wird der File:[#JobName#_ObjectsList.txt] nicht dem JobFile hinzugefuegt.   |
| 05.01.2012 | 2,0931  | J.Fes |          | JobControl   | Ver.Info                   |         | Neuerung: SQL Query wird jetzt immer in die InfoSys mit ausgegeben   |
| 21.12.2011 | 2,0921  | J.Fes |          | JobControl   | Ver.Info                   |         | Neuerung: Variablen ersetzung #TcSiteId# steht jetzt zur verfügung   |
| 19.12.2011 | 2,092   | J.Fes |          | ObjectList   | UpdDb=Yes Ver.Info         |         | Neuerung: die Objects Daten beinhaltet jetzt den Ir.Type   |
| 18.12.2011 | 2,0917  | J.Fes |          | ObjectList   | Ver.Info                   |         | Neuerung: Performance Edit Processtatus/Mark.Object verbessert   |
| 28.11.2011 | 2,0907  | J.Fes |          | JobControl   | Ver.Info                   |         | Neuerung: es gelten jetzt folgenden Regeln<br>- Wenn ein Process als Me.ProcessResultCode = 0 And Me.ProcessResultHasWarning = false dann ist der P.Stat=D.OK<br>- Wenn ein Process als Me.ProcessResultCode <> 0 dann ist der P.Stat=D.ERR<br>- Wenn ein Process als Me.ProcessResultCode = 0 And Me.ProcessResultHasWarning = true dann ist der P.Stat=D.W   |
| 23.11.2011 | 2,0903  | J.Fes |          | JobControl   | Ver.Info                   | Doc:    | ProcessProcState extended to 34 characters<br>The process status is now displayed with P. + ProcessName. Example: P.Run.CB1.1<br>Enhancement implemented by code extensions  |
| 17.11.2011 | 2,09    | J.Fes |          | JobControl   | Ver.Info                   |         | Neuerung: Beim arbeiten mit mehrere JobServern Processen wurden empfangene Pakete zwischen den den Jobserver Prozessen von den unterschiedlichen Jobserver Prozessen zufällig verarbeitet.<br>Das wird jetzt dadurch vermieden das jeder Process einen eigenes Empfangsverzeichniss hat:...\90-DATA\CustomerNameShort_WorkInst_TEST\90-JobTemp.BackFromClient\#ComuterName#_P#Protnummer#  |
| 17.11.2011 | 2,0901  | J.Fes |          | JobControl   |                            | New:    | If the D=Debug mode is activated on the JobCLient.<br>then the grid variable:#JobScriptParametersExtended# is automatically<br>supplemented at the end with the entry 'set JobMgr_Debug=ON'<br><br>If the T=Test mode is activated on the JobCLient.<br>then the grid variable:#JobScriptParametersExtended# is automatically<br>supplemented at the end with the entry 'set JobMgr_Test=ON'<br><br>Enhancement implemented by code extensions |
| 15.11.2011 | 2,0898  | J.Fes |          | JobControl   | Ver.Info                   |         | Neuerung: der process status kann nach ergebniss regeln bestimmt werden.   |
| 11.11.2011 | 2,0894  | J.Fes |          | JobControl   | Ver.Info                   |         | Neuerung: F1 Hilfe verfügbar für JobContol.Rules. Edit via JobRule Editor  |
| 11.11.2011 | 2,0894  | J.Fes |          | CheckBox   | Ver.Info                   |         | Neuerung: Ausgabeformat angepasst  |
| 11.11.2011 | 2,0894  | J.Fes |          | CheckBox   | Ver.Info                   |         | Neuerung: Ausgabeformat angepasst  |
| 11.11.2011 | 2,0894  | J.Fes |          | CheckBox   | Ver.Info                   |         | Neuerung: Ausgabeformat angepasst  |
| 11.11.2011 | 2,0894  | J.Fes |          | JobControl   | Ver.Info                   |         | Neuerung: F1 Hilfe verfügbar für JobContol.Rules. Edit via JobRule Editor  |
| 11.11.2011 | 2,0894  | J.Fes |          | JobControl   | Ver.Info                   | New:    | F1 Help avilable   |
| 08.11.2011 | 2,089   | J.Fes |          | Import Sites/Data<br>Import                                    | UpdDb=Yes                  |         | Neuerung:Es können jetzt include Group Filter für den Import von TC.Daten definiert werden. z.B. Können hierdurch nur die Daten die der Gruppe 'Norm' gehören importiert werden.   |
| 08.11.2011 | 2,089   | J.Fes |          | Import Sites/Data<br>Import                                    | Ver.Info                   |         | Neuerung: die Titelbezeichnung geändert von 'Group' auf 'OrgInfo.Group' und von 'Note' auf 'OrgInfo.Note'  |
| 31.10.2011 | 2,0884  | J.Fes |          | Import Sites/Data<br>Import ObjectList                         | UpdDb=Yes                  |         | Neuerung Es können jetzt Daten aus unterschiedliche Oracle Datenbanken abgefragt werden ohne zufor die Software neu zu starten.<br>Zuvor war es erforderlich die Software neu zu starten wenn z.B. Daten aus TcDb2 abgerufen werden sollten jedoch zuvor Daten aus TcDb1 abgerufen wurden.   |

| Date       | Version | User     | Issue-Nr | Categorie                              | Additional Info            | Type | Description   |
|------------|---------|----------|----------|--|----------------------------|------|---|
| 31.10.2011 | 2,0886  | J.Fes    |          | JobControl                             | UpdDb=Yes                  |      | Neuerung: Neue JobControl Regeln eingearbeitet 'sel:O.FsHitCountYN', 'J.Resource.Points', 'J.Res.P.State Value Rule'  |
| 31.10.2011 | 2,0886  | J.Fes    |          | JobControl                             | UpdDb=Yes                  |      | Neuerung: Daten Feld grösse 'J.on Computers' geändert von 128 Zeichen auf 4000 Zeichen  |
| 31.10.2011 | 2,0884  | J.Fes    |          | Import Sites/Data<br>Import ObjectList | UpdDb=Yes                  |      | Neuerung Es können jetzt Daten aus unterschiedliche Oracle Datenbanken abgefragt werden ohne zufor die Software neu zu starten.<br>Zuvor war es erforderlich die Software neu zu starten wenn z.B. Daten aus TcDb2 abgerufen werden sollten jedoch zuvor Daten aus TcDb1 abgerufen wurden.            |
| 30.10.2011 | 2,0882  | J.Fes    |          | GUI                                    | Ver.Info                   |      | Check.Settings;Neuerung: im Application Titel wird der wert von JobServer_WorkInstanceTitelName mit angezeigt.<br>Hierdurch wird die es beim handhaben mit mehreren Umgebungen Übersichtlicher"   |
| 30.10.2011 | 2,0882  | J.Fes    |          | Settings                               | Ver.Info<br>Check.Settings |      | "Neu: via settings kann der JobServer_WorkInstanceTitelName eingestellt werden"   |
| 30.10.2011 | 2,0883  | J.Fes    |          | ObjectList                             | Ver.Info                   |      | Neuerung: Die Daten in der Spalte O.Nx.Type werden wie folgt eingefärbt:<br>- 'SP' in Gelb<br>- AP in DodgerBlue  |
| 27.10.2011 | 2,088   | J.Fes    |          | GUI                                    | Ver.Info                   | New: |   |
| 26.10.2011 | 2,0879  | J.Fes    |          | DB Import Sites/Data<br>Import         | Ver.Info                   |      | Neuerung: der DBNetworkAlias kann jetzt via Dropdown Schalter ausgewählt werden.<br>Die Namen werden aus dem file tnsnames.ora geparst und angezeigt.<br>Die Datei tnsnames.ora muss jetzt mit ausgewählt werden.   |
| 25.10.2011 | 2,0878  | J.Fes    |          | ObjectList                             | Ver.Info                   |      | Die Datenzeilen in 'Objects (DS/IRs)' bei Replica(non Owingsite) Objekten werden in Grau-Blau dargestellt.  |
| 25.10.2011 | 2,0878  | J.Fes    |          | ObjectList                             | Ver.Info                   |      | Die Spalten [ProcStateCol] der Daten in 'Objects (DS/IRs)' werden in abhänikeit von ihrem Wert eingefärbt. Es gelten folgende Regeln:<br>-Wert:N (Hellgrau)<br>-Wert:A (Blau/Weis)<br>-Wert:M (Cyan)<br>-Wert:P (Orange)<br>-Wert:D (Grün)<br>-Wert:X (Rot)<br>-Wert:*.Err (Rot)<br>-Wert:*.Ok (Grün) |
| 25.10.2011 | 2,0878  | J.Fes    |          | ObjectList                             | Ver.Info                   |      | Neuerung: Beim klicken auf den Knopf in Search und List 'Objects (DS/IRs)' wird die Processspalte des aktuellen Prozesses automatisch eingblendet falls diese zuvor ausgeblendet war.   |
| 24.10.2011 | 2,0875  | J.Fes    |          | ObjectList                             | Ver.Info                   |      | Aenderung: Farbsteuerun P.Status = 'M*' die Zelle wird jetzt in leicht dunklerem Cyan dargestellt   |
| 24.10.2011 | 2,0875  | J.Fes    |          | ObjectList                             | Ver.Info                   |      | Aenderung: Farbsteuerun P.Status = 'M' die Zelle wird jetzt in Cyan dargestellt   |
| 13.10.2011 | 2,0869  | A.Becker |          |  | UpdDb=No                   | New: | Multiple files can be transferred from JobClient per job  |
| 19.09.2011 | 2,0849  | J.Fes    |          | CheckBox                               | Ver.Info                   | Doc: | Assembly ReferenceComponent (nur zur reference) wird jetzt ausgewertet  |
| 13.09.2011 | 2,0843  | J.Fes    |          | Import Sites/Data<br>Import            | Ver.Info                   |      | Wenn beim Import eine Exception auftritt so wird diese<br>am Ende es Imports ausgegeben<br>Meldung: [EXP: while Import Object:#IrCliNameFromSiteIdPuidForOutput#]   |
| 13.09.2011 | 2,0843  | J.Fes    |          | Import Sites/Data<br>Import            | Ver.Info                   |      |   |
| 04.09.2011 | 2,0809  | J.Fes    |          | ObjectJobResults                       | Ver.Info                   |      | Aenderung:MCS Report Parsing Ã¼berarbeitet  |
| 04.09.2011 | 2,0809  | J.Fes    |          | ObjectJobResults                       | Ver.Info                   |      | Aenderung:MCS Report Parsing überarbeitet   |
| 03.09.2011 | 2,0808  | J.Fes    |          | Import Sites/Data<br>Import            | UpdDb=Yes                  |      | Import Performance Optimiert hierzu wurden<br>- Abgleich Methoden zum holen der Daten aus der JS DB verbessert.<br>- IR Daten werden jetzt nur noch beim ersten Dataset 'Importiert-Updateet'<br>wenn weitere Datasets der IR importiert werden so entfällt der 'Importiert-Updateet' der IR Daten.   |
| 30.08.2011 | 2,0803  | J.Fes    |          | Import Sites/Data<br>Import            | Ver.Info                   |      | Sync.Site.Data: Es wird jetzt auch verglichen ob IrOwningSite zwischen in TC.DB und JM.DB abweichend.<br>Wenn ja dann werden die Daten dieser IR updatet  |
| 26.08.2011 | 2,08    | J.Fes    |          | JobControl Settings                    | Ver.Info<br>Check.Settings |      | Aenderung:  |
| 22.08.2011 | 2,0797  | J.Fes    |          | CheckBox                               | Ver.Info                   |      |   |
| 27.06.2011 | 2,0786  | J.Fes    |          | ObjectJobResults<br>Settings           | Ver.Info                   |      | + New.Settings(Scripts)in generischen JobResult Files können jetzt<br>- an 7.ter Stelle der Parameter /SiteId mitgegeben werden Example:/SiteId=tceng<br>Der Wert gibt an von welcher Site die ObjectDaten stammen  |
| 27.06.2011 | 2,0786  | J.Fes    |          | ObjectJobResults<br>Settings           | Ver.Info                   |      | + New.Settings(Scripts)in generischen JobResult Files können jetzt<br>- an 7.ter Stelle ObjectClass mitgegeben werden /ObjectClass=DS oder IR<br>Der Wert gibt an ob das Object ein IR oder DS Objct ist  |

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|------------|---------|-------|----------|--------------------------------------|--------------------------------------|------|--|
| 27.06.2011 | 2,0786  | J.Fes |          | ObjectJobResults<br>Settings         | Ver.Info                             |      | + New.Settings(Scripts)In generischen JobResult Files können jetzt<br>- an 7.ter Stelle ProcessProcStateCol mitgegeben werden /ProcessProcStateCol=ProcStateCol01..ProcStateCol10..ProcStateColRf<br>Der Wert gibt an unter welcher Processgruppe das Ergebniss gespeichert werden soll.   |
| 27.06.2011 | 2,0787  | J.Fes |          | JobControl                           | Ver.Info                             | New: | Es ist jetzt moeglich das die Ergebnisse von Refile Prozessen<br>und von weiteren Generischen Prozessen gleichzeitig eingelesen werden können.   |
| 25.06.2011 | 2,0782  | J.Fes |          |                                      | Ver.Info                             |      | IrInfoResolve_2011_06 erstellt   |
| 18.06.2011 | 2,078   | J.Fes |          | JobControl Settings                  | Ver.Info<br>Check.Settings           |      | JobControl --> Job Computers: --> C.works for Site Werte können jetzt via IN-LIST (TCSite1TCSite2) angegeben werden  |
| 13.06.2011 | 2,0771  | J.Fes |          | Import Sites/Data<br>Import          | UpdDb=Yes Ver.Info                   |      | Buttom:Sync.Site.Data Updatet jetzt alle Irs + Datasets bei dem Ir.LastModDate<br>zwischen Tc und JobMgr Db um 60 sec abweicht. Wenn ja dann werden die Daten dieser IR updatet  |
| 13.06.2011 | 2,0771  | J.Fes |          | Import Sites/Data<br>Import          | UpdDb=Yes Ver.Info                   |      | Neuer Start Buttom:Syn.Site.Data im Register:[Sites/Data Import] eingefuegt  |
| 13.06.2011 | 2,0771  | J.Fes |          | Import Sites/Data<br>Import          | Ver.Info                             |      | TC data containing "'" char in ItemId or IrId or in any names<br>are now imported to JM.DB.  |
| 11.04.2011 | 2,076   | J.Fes |          | Settings CheckBox                    | Ver.Info<br>Check.Settings           |      | Es kann jetzt festgelegt werden ob abweichungen beim ViewOutOfDateStatus als Error<br>oder als Warning gewertet werden soll"   |
| 30.03.2011 | 2,0756  | J.Fes |          | JobControl                           | Ver.Info                             |      | Analysiert jetzt auch: Warning: 'Validation was skipped during conversion because referenced data was not loaded'<br>Alle Zeilen die convert_mcs Warning: * beinhalten"  |
| 30.03.2011 | 2,0756  | J.Fes |          | JobControl                           | Ver.Info                             |      | Refile analysiert MC to AC konvertierung<br>Optimierung der Ausgaben.<br>Analysiert jetzt auch: Warning: 'Validation was skipped during conversion because referenced data was not loaded'<br>Alle Zeilen die convert_mcs Warning: * beinhalten  |
| 07.03.2011 | 2,0748  | J.Fes |          | Import Sites/Data<br>Import Settings | UpdDb=Yes Ver.Info<br>Check.Settings |      | es steht unter den Sites/Dataimport eine Methode zur verfügung um Oracle Tabellen unter alternativen user abfragen zu können.<br>Hierfür steht das Feld Ora.TblNam.InfodbaReplace  |
| 25.02.2011 | 2,0744  | J.Fes |          | Settings CheckBox                    | Ver.Info<br>Check.Settings           |      | beim Auswerten der PartHeader.CliName wird jetzt<br>bei Native CB FileName.Ext fuer den Vergleich herangezogen   |
| 12.02.2011 | 2,0735  | J.Fes |          | JobControl<br>ObjectJobResults       | Ver.Info                             |      | in den McsConvert LogFiles werden jetzt die Convert Sections fÃ¼r ein Part gefunden wenn z.B. folgende Namensaufbau 'Item/Rev-<br>AnyDescription:' festgelegt wurde.<br>siehe hierzu auch Definition in den CustomerDefaults fÃ¼r preferenc: Name=Assemblies_partDescriptiveName Value=\$FILENAME  |
| 12.02.2011 | 2,0735  | J.Fes |          | JobControl<br>ObjectJobResults       | Ver.Info                             |      | in den McsConvert LogFiles werden jetzt die Convert Sections für ein Part gefunden wenn z.B. folgende Namensaufbau 'Item/Rev-<br>AnyDescription:' festgelegt wurde.<br>siehe hierzu auch Definition in den CustomerDefaults für preferenc: Name=Assemblies_partDescriptiveName Value=\$FILENAME  |
| 17.01.2011 | 2,0725  | J.Fes |          | GUI Settings                         | UpdDb=No                             |      | der aktive Debug Modus wird jetzt in der Regestrie gepseichert und ist nicht mehr abhänig von<br>MyAppl_Settings.ServerSettings.JobServer_LogOnOff<br>Info: MyAppl_Settings.ServerSettings.JobServer_LogOnOff wurde entfernt   |
| 29.12.2010 | 2,0713  | J.Fes |          | ObjectList                           | Ver.Info                             |      | DataSetType erweitert um: CAESOLUTIONCAEMESHCAEGEOM  |
| 07.12.2010 | 2,0708  | J.Fes |          | Settings CheckBox                    | Ver.Info                             |      | es kann jetzt festgelegt werden ob Komponenten mit Attribut UG_Geometry=NO miteinander verglichen werden sollen\wenn<br>Me.Settings.AssemblyUG_GeometryNO_DoCompare<br>-true=Komponenten vergleichen<br>-false=Komponenten wird nicht verglichen (skip)  |
| 25.11.2010 | 2,0705  | J.Fes |          | ObjectJobResults                     | Ver.Info                             |      | wenn bei einem GenericProcess ein .\_convert_mcs.log file enthalten ist so wird dieser automatisch ausgewertet   |
| 18.11.2010 | 2,0702  | J.Fes |          | ObjectList                           | Ver.Info                             |      | Objecte können jetzt auch über ObjectCreateDate gesucht werden   |
| 27.10.2010 | 2,0697  | J.Fes |          | Settings CheckBox                    | Ver.Info<br>Check.Settings           |      | legt die Liste der Modeldata Refset Namen fest die nicht verglichen werden sollen  |
| 25.10.2010 | 2,0695  | J.Fes |          | CheckBox                             | Ver.Info                             |      | Check.Settings;"die Parthistory's werden ausgewertet.<br>Die Auswertung erfolgt durch vergleichen der Speicherversionen.<br>Der Parthistory Check gilt dann als bestanden wenn die Daten die mit der neueren Version<br>ermittelt wurden mindestens den mit dem gleichen Versionstand gespeichert wurden wie<br>die Daten die mit der VorgÃ¤ngerversion ermittelt wurden.<br><br>Regel: Wird ein Parthstory Error erkannt so wird das Part Automatisch auf exclude gesetzt.<br>Siehe hierzu auch Settings.CheckBox CheckBoxPartHistoryCheck_AsErr" |
| 18.10.2010 | 2,069   | J.Fes |          | Reports                              | UpdDb=Yes Ver.Info                   |      | Report Layout und Print Engine implementiert   |
| 14.09.2010 | 2,0686  | J.Fes |          | ObjectList                           | Ver.Info                             |      | wenn der JobLink Button angeklickt wird und während dessen die shift Taste gedrückt wird öffnet sich der Exporer im<br>Verzeichniss in dem das Dokument liegt und selectiert dieses.   |



| Date       | Version | User  | Issue-Nr | Categorie                              | Additional Info             | Type    | Description   |
|------------|---------|-------|----------|--|-----------------------------|---------|---|
| 14.09.2010 | 2,686   | J.Fes |          | ObjectList                             | Ver.Info                    |         | wenn der JobLink Button angeklickt wird und während dessen die shift Taste gedrückt wird öffnet sich der Exporer im Verzeichniss in dem das Dokument liegt und selectiert dieses.   |
| 03.09.2010 | 2,0678  | J.Fes |          | Settings CheckBox                      | Ver.Info<br>Check.Settings  |         | umfangreiche anpassungen durchgeführt um die Vergleiche beim Kunden auf die Version angemessen einstellen zu können"  |
| 01.09.2010 | 2,0676  | J.Fes |          | Scripts/Params.                        | Ver.Info                    |         | Neue Gittervariablen #TcUser# und #TcUserPassword# verfuegbar   |
| 30.08.2010 | 2,0675  | J.Fes |          | JobControl                             | Ver.Info                    |         | Reboot des JobClients kann jetzt durch den JobServer ausgelöst werden.  |
| 30.08.2010 | 2,0675  | J.Fes |          | JobControl                             | Ver.Info                    |         | der JobClient kann jetzt via ctr+f FinishAndQuit oder via ctr+c FinishAndReboot beendet werden\Info via c kann innerhalb von 60sec der bootvorgang abgebrochen werden   |
| 10.08.2010 | 2,0668  | J.Fes |          | Import Sites/Data<br>Import Settings   | UpdDb=Yes<br>Check.Settings |         | es kann jetzt festgelegt werden ob AP's (Baugruppen) mit 0 Komponenten als SP (Einzelteil) gewertet werden.<br>siehe: Sites/Data Import 'Imp.Ap wi.CompN=0 As Sp'<br>#Info: alle Default einstellung AP=0 als AP werten bleiben bestehen."  |
| 02.08.2010 | 2,666   | J.Fes |          | Import Sites/Data<br>Import ObjectList | Ver.Info                    |         | Beim import via Objects (DS/IRS)->Extras->Import datasets..<br>können jetzt auch mehrere IR's angegeben werden!   |
| 28.07.2010 | 2,0661  | J.Fes |          | Import Sites/Data<br>Import ObjectList | Ver.Info                    |         |   |
| 28.07.2010 | 2,0661  | J.Fes |          | Import Sites/Data<br>Import ObjectList | Ver.Info                    |         |   |
| 28.07.2010 | 2,0661  | J.Fes |          | Import Sites/Data<br>Import ObjectList | Ver.Info                    |         |   |
| 28.07.2010 | 2,0661  | J.Fes |          | Import Sites/Data<br>Import ObjectList | Ver.Info                    |         |   |
| 28.07.2010 | 2,661   | J.Fes |          | Import Sites/Data<br>Import ObjectList | Ver.Info                    |         | wenn IR und BOM Strukturen importiert werden wird nach dem Import das Ergebniss mit angezeigt   |
| 28.07.2010 | 2,0661  | J.Fes |          | Import Sites/Data<br>Import ObjectList | Ver.Info                    |         | wenn IR und BOM Strukturen importiert werden wird nach dem Import<br>das Ergebnis mit angezeigt   |
| 21.07.2010 | 2,0658  | J.Fes |          | JobControl Settings                    | Ver.Info<br>Check.Settings  |         | die Vorgaben für die Zeitsteuerungen wurden für das den JobClient angepasst   |
| 15.07.2010 | 2,0652  | J.Fes |          | JobControl                             | Ver.Info                    |         | JobScript gets now folowing parameter transfered<br>- %~1 TcUser<br>- %~2 TcPassword  |
| 09.07.2010 | 2,0635  | J.Fes |          | JobControl                             | Ver.Info                    |         | JobComputer's Spaltenüberschriften überarbeitet   |
| 09.07.2010 | 2,0634  | J.Fes |          | Settings                               | UpdDb=Yes                   |         | neue #Var<br>#JobComputers_tbl.Custom01# .. User02#   |
| 09.07.2010 | 2,0634  | J.Fes |          | Settings                               | UpdDb=Yes                   |         | neue #Var<br>#JobComputers_tbl.ComputerFQDN#  |
| 19.06.2010 | 2,0627  | J.Fes |          | Scripts/Params.                        | Ver.Info                    | Change: | ScriptEditor Projektfile wurde evtl. falsch gesucht<br>Issue is now solved by code changes  |
| 03.06.2010 | 2,0623  | J.Fes |          | JobControl                             | Ver.Info                    |         | JobComputersScript_Execute<br>wird jetzt mit AppWinStyle.NormalFocus ausgeführt   |
| 02.06.2010 | 2,0621  | J.Fes |          | CheckBox                               | Ver.Info                    |         | Entities 26 (dimension) text compair added.   |
| 02.06.2010 | 2,0621  | J.Fes |          | JobControl Settings                    | Check.Settings              |         | JobClient_ReceiveCmdTimeout default set to min 10 sec Default=120   |
| 11.05.2010 | 2,0616  | J.Fes |          | ObjectList                             | Ver.Info                    |         | NXsimulation eingefügt  |
| 04.05.2010 | 2,0614  | J.Fes |          | JobControl                             | Ver.Info                    |         | All converted constraints in this part where suppressed as they could not solve<br>Ein Objekt bei dem ein "Validation failed" kommt<br>wird das Objekt wie folgt gekennzeichnet:<br>- .ProcessResultHasWarning = True<br>- P.ResultMess: "Rf.MC Convert Warning:[02]:[All converted constraints in this part were suppressed as they could not solve]<br>Info: Analyse wird nur ausgefuehrt wenn der Refile mit Done und Error=0 durchgeführt wurde!" |
| 04.05.2010 | 2,0614  | J.Fes |          | JobControl                             | Ver.Info                    |         | All converted constraints in this part were suppressed as they could not solve<br>Ein Objekt bei dem ein Validation failed kommt<br>wird das Objekt wie folgt gekennzeichnet:<br>- .ProcessResultHasWarning = True<br>- P.ResultMess: Rf.MC Convert Warning:[02]:[All converted constraints in this part were suppressed as they could not solve]<br>Info: Analyse wird nur ausgefuehrt wenn der Refile mit Done und Error=0 durchgeführt wurde!      |
| 23.04.2010 | 2,0606  | J.Fes |          | ObjectList                             | Ver.Info                    |         | Suchfilter erweitert um Sucheigenschaft Proccesed.On.Compuer  |



| Date       | Version | User  | Issue-Nr | Categorie                            | Additional Info             | Type | Description  |
|------------|---------|-------|----------|--------------------------------------|-----------------------------|------|--|
| 15.04.2010 | 2,06    | J.Fes |          | JobControl Settings                  | Ver.Info<br>Check.Settings  |      | in all script files that are located in the JobScript directory and files having the extensions *.cmd;*.bat;*.ps1;*.pl;*.txt the #GitterVar# are replaced  |
| 25.03.2010 | 2,0591  | J.Fes |          | GUI Import ObjectList                | Ver.Info                    |      | Object Daten können über: [Object's having Import Error's] aufgelistet werden  |
| 25.03.2010 | 2,0591  | J.Fes |          | GUI ObjectList                       | Ver.Info                    |      | Object Daten können über: [Object's having FS HitCount's >0] aufgelistet werden  |
| 23.03.2010 | 2,0589  | J.Fes |          | TaskScheduler                        | Ver.Info                    |      | wenn die Objekte eines Task's keine 'UGMASTER' Objekte beinhaltet wird sofort Proc_NonMaster geschaltet.<br>Vorteil: NonMaster Objete werden dann gleich bearbeitet.<br>Info diese Regel wird nur dann beachtet wenn die zugehörige Prozessgruppe die Einstellung<br>JobServerObject_UGMaster_Befor_UGNonMaster=true eingestellt wurde |
| 23.03.2010 | 2,0589  | J.Fes |          | TaskScheduler                        | Ver.Info                    |      | wiederhol Task's werden jetzt korrekt ausgeführt   |
| 18.03.2010 | 2,0588  | J.Fes |          | JobControl                           | Ver.Info                    |      | Gitter Variablen erweitert es stehen jetzt folgende Variablen zur verfügung<br>-JobRule.SelObjectsBy_*<br>-#JobRule.TimeSchedule#<br>-#JobRule.validForComputer#   |
| 22.01.2010 | 2,052   | J.Fes |          | JobControl                           | Ver.Info                    |      | Refile analysiert MC to AC konvertierung<br>gibt die Details des betroffenen Subsection aus  |
| 22.01.2010 | 2,052   | J.Fes |          | JobControl                           | Ver.Info                    |      | Refile analysiert MC to AC konvertierung<br>gibt die Details des betroffenen Subsection aus  |
| 18.01.2010 | 2,0566  | J.Fes |          | ProcessGroups<br>Settings            | Ver.Info<br>Check.Settings  |      | In den ProcessGroups können Rechte Bedingungen vergeben werden wer diese ProcessGroup im JobPlaner angezeigt bekommt<br>siehe:JobServer Process Groups->ProcessGroup01..->UserAcceesRules.."   |
| 14.01.2010 | 2,0565  | J.Fes |          | JobControl                           | Ver.Info                    |      | Wird ein freies SQL Script für die Objekt selection verwendet so können jetzt<br>Gittervariablen mit verwendet werden.<br>Bspl.:#TcSiteId#=Site #ProcStateVal#=StartVal (N,M,A..)  |
| 14.01.2010 | 2,0565  | J.Fes |          | JobControl                           | Ver.Info                    |      | Gitter Variablen erweitert es stehen jetzt folgende Variablen zur verfügung<br>-#ProcStateCol# ProcStateCol01..20 + Rf<br>-#ProcStateVal# Start M,N,A<br>-#ObjectType# UGMASTER..<br>-#ObjectClass# DS IR"   |
| 06.01.2010 | 2,056   | J.Fes |          | ObjectJobResults<br>Settings         | Ver.Info                    |      | + New.Settings(Scripts)In Generischen JobResult Files können jetzt<br>- an 7.ter Stelle JobServerExtendCommandsTrigger mitgegeben werden /ProcessStateSetTo=D.NX4<br>gibt vor welcher ProzessStatus gesetzt werden soll  |
| 16.12.2009 | 2,0558  | J.Fes |          | TaskScheduler                        | UpdDb=Yes                   |      | in den Task's kann fesgelegt werden welcher Computer einen bestimmten Task ausfuehern darf wenn es nicht der JobServer Comuter selbst ist<br>Regel:Ist diese Eigenschaft leer so darf dieser Task nur vom JobServer Comuter ausgeführt werden  |
| 15.12.2009 | 2,0557  | J.Fes |          | JobControl Settings                  | UpdDb=Yes<br>Check.Settings |      | es können jetzt erweiterte JobScript Parameter einer Job-Script Paramerter definition hinterlegt werden.   |
| 12.12.2009 | 2,0555  | J.Fes |          | ObjectList Settings                  | Ver.Info                    |      | Object_open_via_NXRouter<br>es wurde eine Exeption aus geloest wenn UGII_ROOT_DIR und ServerSettings.UGII_ROOT_DIR_SEARCH_P nicht gesetzt waren  |
| 12.12.2009 | 2,555   | J.Fes |          | ObjectList Settings                  | Ver.Info                    |      | Object_open_via_NXRouter<br>es wurde eine Exeption aus geloest wenn UGII_ROOT_DIR und ServerSettings.UGII_ROOT_DIR_SEARCH_P nicht gesetzt waren  |
| 06.12.2009 | 2,0554  | J.Fes |          | GUI                                  | Ver.Info                    |      | eine nicht abgefangene Exception die beim arbeiten mit der interaktiven Application auftritt wird jetzt abgefanngen und eine<br>Meldung im jeweils aktiven Info Fenster ausgegeben   |
| 10.11.2009 | 2,055   | J.Fes |          | Scripting                            | Ver.Info                    |      | Scripting extended so that customer files can be added to the job<br>Example: JobDef.JobFiles.JobCustomFiles.JobCustomFiles.Add(New<br>JF.PlmJobManager.JobServer.JobManager_JobControlNextPaket_cls.JobFile_cls.JobCustomFileDef_cls("TEST", ".cmd"))"  |
| 05.11.2009 | 2,0549  | J.Fes |          | JobControl                           | Ver.Info                    |      | Objects select 'Bevor' 'After' werden jetzt vom JobControler berücksichtigt  |
| 02.11.2009 | 2,0548  | J.Fes |          | Import                               | Ver.Info                    |      | table mapping umgestellt von:<br>-select count(*) from<br>-select top 1 * from   |
| 02.11.2009 | 2,0548  | J.Fes |          | Import Sites/Data<br>Import Settings | UpdDb=Yes<br>Check.Settings |      | in den SiteDef Connetion TimeOut Optionen ergänzt<br>-DbConnectionTimeOut [default=60]<br>-DbCommandTimeout [default=120]  |
| 24.10.2009 | 2,0545  | J.Fes |          | JobControl                           | Ver.Info                    |      | bei den JobRoules können jetzt via !NOT! Regel Computer ausgeschlossen werden.<br>Example: via CName*!NOT!CName4CName2*<br>Info: der !NOT! Part ist dominierend.   |
| 21.10.2009 | 2,0543  | J.Fes |          | JobControl Settings                  | UpdDb=Yes<br>Check.Settings |      | in den JobRules kann jetzt festgelegt werden wie PFM Parts selectiert werden (PFM.Ignor,PFM.No,PFM.Only)   |

| Date       | Version | User  | Issue-Nr | Categorie                            | Additional Info            | Type | Description  |
|------------|---------|-------|----------|--------------------------------------|----------------------------|------|--|
| 16.10.2009 | 2,0541  | J.Fes |          | GUI ObjectList                       | Ver.Info                   |      | in der Oberfläche kann jetzt auch über den PFM Namen gefiltert werden\diese ermöglicht alle Parts einer PFM auflisten zu lassen  |
| 24.09.2009 | 2,0538  | J.Fes |          | JobControl Settings                  | Ver.Info<br>Check.Settings |      | SelObjectsBy_MaxComponents=0 SelObjectsBy_MinComponents=0 wird jetzt berücksichtigt<br>JobControl Regeln prüfen bezüglich SelObjectsBy_MaxComponents SelObjectsBy_MinComponents  |
| 17.09.2009 | 2,0536  | J.Fes |          | JobControl Settings                  | Ver.Info                   |      | Dir_DataRoot_DP_91JobControl neu hinzugefügt<br>in diese Verzeichniss sind JobControls Files abzulegen<br>Einsatzbeispiel: Ablage von JobFiles die via JobServerScripte verarbeitet werden   |
| 24.08.2009 | 2,0534  | J.Fes |          | Import                               | Ver.Info                   |      | Beim importieren der Daten aus TC in die JM.DB wird berücksichtigt<br>das Datum und Zeit von IContr:Ir.ModDateBegin nicht vor dem Start des Importbegins liegt.  |
| 24.08.2009 | 2,0534  | J.Fes |          | ObjectJobResults<br>Settings         | Ver.Info<br>Check.Settings |      | (Scripts)Aus Generischen JobResult Files kann jetzt\– an 6.ter Stelle ein JobLink mitgegeben werden  |
| 24.08.2009 | 2,0534  | J.Fes |          | ObjectJobResults<br>Settings         | Ver.Info<br>Check.Settings |      | (Scripts)Aus Generischen JobResult Files kann jetzt<br>– an 5.ter Stelle angegeben werden ob das Ergebniss ein Warning hat (true or 1=has warning) (false or 0=no warning)   |
| 14.08.2009 | 2,0532  | J.Fes |          | Install and Setup DB                 | UpdDb=Yes                  |      | Optimice DB ReOrg. Datenbank Maintain eingebaut<br>Siehe Extras->Setup->Setup Database->Database Maintain->23 – Optimice DB (compress DB and Reorg. Indices via OSQL)  |
| 12.08.2009 | 2,0531  | J.Fes |          | Install and Setup DB                 | UpdDb=Yes                  |      | Optimice DB Indices in Datenbank Maintain eingebaut<br>Siehe Extras->Setup->Setup Database->Database Maintain->22 – Optimice Index (Reorg. Indices via OSQL)   |
| 12.08.2009 | 2,0531  | J.Fes |          | Install and Setup                    | Ver.Info                   |      | neuer Schater Upgrade Database erstellt<br>Siehe Extras->Setup->Setup Database->Database Setup->Database Upgrade Database  |
| 21.07.2009 | 2,0528  | J.Fes |          | DB Import Sites/Data<br>Import       | Ver.Info                   |      | Es wurde ein neuer Schalter für das testen der Verbindung zur TC DB erstellt   |
| 17.07.2009 | 2,0527  | J.Fes |          | Import Sites/Data<br>Import Settings | Check.Settings             |      | Sites/Data Import Ora.Bin jetzt für 32+64 bit version verwendbar<br>Settings wird im Feld Ora.Bin 'AUTO' eingegben so werden dem Suchpathd die Pfade der 32bit (..03-BinPublic\OraClient\32Bit)<br>und 64bit (..03-BinPublic\OraClient\64Bit) DLL Verzeichnisse eingefügt. |
| 17.07.2009 | 2,0527  | J.Fes |          | Install and Setup                    | Ver.Info                   |      | der installation für den SQL Server wurde der aktuelle Stand der Microsoft SqlSever Express 2005 (Service Pack 3) hinzugefügt<br>Info: dieses kann für 32-Bit und 64-Bit installationen verwendet werden   |
| 17.07.2009 | 2,0527  | J.Fes |          | Import Sites/Data<br>Import Settings | Check.Settings             |      | Sites/Data Import Ora.Bin jetzt für 32+64 bit version verwendbar<br>Settings wird im Feld Ora.Bin 'AUTO' eingegben so werden dem Suchpathd die Pfade der 32bit (..03-BinPublic\OraClient\32Bit)<br>und 64bit (..03-BinPublic\OraClient\64Bit) DLL Verzeichnisse eingefügt. |
| 12.07.2009 | 2,0526  | J.Fes |          | ObjectList                           | Ver.Info                   |      | Job Links können über die Oberfläche geöffnet werden   |
| 12.07.2009 | 2,0526  | J.Fes |          | ObjectJobResults                     | UpdDb=Yes                  |      | Ein ObjectJobErgebniss als Warning kennzeichnen<br>wenn ein Job zu einem Objekt ein Warning hat dann kann dieser dem Object Job Ergebniss hinzugefügt werden (value=true/false)<br>(Bspl. MC-AC-Convert)   |
| 12.07.2009 | 2,0526  | J.Fes |          | ObjectJobResults                     | UpdDb=Yes                  |      | Link zu ObjectJobResult eingefügt<br>dieser Link wird genutzt um Verweise zu JobErgebnissen zu organiesieren (Bspl. MC-AC-Convert)<br>Develoment Hint use: JobLog_lnkGen(Results_fp.FileDef.File_DPNE)   |
| 12.07.2009 | 2,526   | J.Fes |          | ObjectList                           | Ver.Info                   |      | Job Links können über die Oberfläche geöffnet werden   |
| 12.07.2009 | 2,0526  | J.Fes |          | ObjectList                           | Ver.Info                   |      | suchen über Process Warnings in den Object Process Listen ergänzt  |
| 03.07.2009 | 2,0525  | J.Fes |          | JobControl                           | UpdDb=Yes                  |      | selection der Komponenten kann jetzt auch über die APLevels ausgeführt werden<br>Hierfür wurden folgende Felder erstellt:<br>–SelObjectsBy_MaxApLevels<br>–SelObjectsBy_MinApLevels  |
| 02.07.2009 | 2,0524  | J.Fes |          |                                      | Ver.Info                   |      | in der Dialogbox für das NX-Refile werden jetzt die gewählten Optionen nach dem drücken von OK korrekt übernommen  |
| 24.06.2009 | 2,0522  | J.Fes |          | Settings                             | Ver.Info<br>Check.Settings |      | clear this inputfield to get the default   |
| 24.06.2009 | 2,0522  | J.Fes |          | Settings                             | Ver.Info<br>Check.Settings |      | clear this inputfield to get the default   |

| Date       | Version | User  | Issue-Nr | Categorie  | Additional Info | Type | Description  |
|------------|---------|-------|----------|------------|-----------------|------|--|
| 21.06.2009 | 2,0521  | J.Fes |          | JobControl | Ver.Info        |      | Extentet Replacment Variables<br>-#TcSite.Id#<br>-#TcSite.DBNetworkAlias#<br>-#TcSite.DBProvider#<br>-#TcSite.OracleBin#<br>-#TcSite.OracleHome#<br>-#TcSite.pName#<br>-#TcSite.Tns_Admin#<br>-#TcSite.UserName#<br>-#TcSite.SiteAktive_bol#<br>-#TcSite.pSite_ID#<br>-#TcSite.pName#<br>-#TcSite.ImportIrLastModDateBegin#<br>-#TcSite.ImportIrLastModDateEnd#<br>-#TcSite.ImportIrLastRelDateBegin#<br>-#TcSite.NativeRoot_DP#<br>-#TcSite.NativeMaskAp#<br>-#TcSite.NativeFileSysUsing_bol#<br>-#TcSite.NativeFileMaskExclude#<br>-#TcSite.NativeFileMaskInclude#<br>-#TcSite.SiteInfoWith_SiteId_and_pName#" |
| 21.06.2009 | 2,0521  | J.Fes |          | JobControl | Ver.Info        |      | Extentet Replacment Variables<br>-#TcSite.Id#<br>-#TcSite.SolutionType#<br>-#TcSite.DBNetworkAlias#<br>-#TcSite.DBProvider#<br>-#TcSite.OracleBin#<br>-#TcSite.OracleHome#<br>-#TcSite.pName#<br>-#TcSite.Tns_Admin#<br>-#TcSite.UserName#<br>-#TcSite.SiteAktive_bol#<br>-#TcSite.pSite_ID#<br>-#TcSite.pName#<br>-#TcSite.ImportIrLastModDateBegin<br>-#TcSite.ImportIrLastModDateEnd<br>-#TcSite.NativeRoot_DP#<br>-#TcSite.NativeMaskAp#<br>-#TcSite.NativeFileSysUsing_bol#<br>-#TcSite.NativeFileMaskExclude#<br>-#TcSite.NativeFileMaskInclude#<br>-#TcSite.SiteInfoWith_SiteId_and_pName#"               |
| 18.06.2009 | 2,052   | J.Fes |          | JobControl | Ver.Info        |      | Ein Objekt bei dem ein "Validation failed" kommt<br>wird das Objekt wie folgt gekennzeichnet:<br>- .ProcessResultHasWarning = True<br>- P.ResultMess: "Rf.MC Convert Warning:[01]:[Validation failed after constraint conversion]<br>Info: Analyse wird nur ausgefuehrt wenn der Refile mit Done und Error=0 durchgefÃ¼hrt wurde!"   |
| 18.06.2009 | 2,052   | J.Fes |          | JobControl | Ver.Info        |      | Refile analysiert MC to AC konvertierung<br>Ein Objekt bei dem ein Validation failed kommt<br>wird das Objekt wie folgt gekennzeichnet:<br>- .ProcessResultHasWarning = True<br>- P.ResultMess: Rf.MC Convert Warning:[01]:[Validation failed after constraint conversion]<br>Info: Analyse wird nur ausgefuehrt wenn der Refile mit Done und Error=0 durchgefÃ¼hrt wurde!   |
| 16.06.2009 | 2,052   | J.Fes |          | DB         | UpdDb=Yes       |      | funktionen fuer die verwaltung des Updates der Datenbanken eingefuehrt<br>verfuegbare funktionen:<br>- zzzzDbMaintain_valueGet<br>- zzzzDbMaintain_valueSave   |

| Date       | Version | User  | Issue-Nr | Categorie                           | Additional Info | Type | Description   |
|------------|---------|-------|----------|-------------------------------------|-----------------|------|---|
| 29.04.2009 | 2,0517  | J.Fes |          | JobControl<br>TaskScheduler         | Ver.Info        |      | - #JobPlaner_ProcessStepControl#<br>- #JobPlaner_TimeSchedule#<br>- #JobPlaner_Name#<br>- #JobPlaner_NameDescription#<br>- #JobPlaner_Description#<br>- #JobPlaner_Note#<br>- #JobPlaner_Order#<br>- #JobPlaner_ProcessLastMsg#<br>- #JobPlaner_ProcessLastRunEnd#<br>- #JobPlaner_ProcessLastRunStart#<br>- #JobPlaner_ProcessObjectsProcStateCol#<br>- #JobPlaner_ProcessState#<br>- #JobPlaner_ProcessStepControl#<br>- #JobPlaner_ProcessType#<br>- #JobPlaner_ReDo#" |
| 20.04.2009 | 2,0512  | J.Fes |          | JobControl Settings                 | Check.Settings  |      | JobServerGenNewJobTimeOut eingefuegt Info:Setzt die Timeoutzeit die der JobClient max wartet bis das der JobServer ein neuen Job erstellt hat   |
| 20.04.2009 | 2,0512  | J.Fes |          |                                     | Ver.Info        |      | :Bugfixder JobClient beendet sich nicht mehr, wenn der JobServer während der JobPaket generierung die Verbindung beendet!   |
| 14.04.2009 | 2,0512  | J.Fes |          | TaskScheduler                       | UpdDb=Yes       |      | der Tabelle:'TaskScheduler_tbl' wurde das Feld:'ProcessStepControl' hinzugefügt   |
| 14.04.2009 | 2,0512  | J.Fes |          | ProcessGroups                       | Ver.Info        |      | ueber die P.Gr kann jetzt gesteuert werden ob die UGMaster Objekte vor den UgNonMaster Objekten verarbeitet werden sollen., Hierdurch können die UGMaster Objekte vor den NonMaster Objekten verarbeitet werden!  |
| 14.04.2009 | 2,0512  | J.Fes |          | Import ProcessGroups<br>Refactoring | Ver.Info        |      | JobServerObjectImportNewStatusSetTo ist jetzt als default=N, bei Bestandskunden (vor 14.04.2009) P.Gr.Editieren und Status der Objekte ändern von X auf N   |
| 13.03.2009 | 2,0506  | J.Fes |          |                                     | Ver.Info        |      | /IRIds_ObjectNames dient zur Åbergabe der IR's aus dem TCE heraus   |
| 08.03.2009 | 2,0505  | J.Fes |          | ObjectList                          | Ver.Info        |      | Objekte können jetzt nach Assemply Levels gegiltert werden  |
| 03.03.2009 | 2,0505  | J.Fes |          | ObjectList                          | Ver.Info        |      | Es kann jetzt nach Site und Remote Objects gelistet werden (R+S,S,R)  |
| 24.02.2009 | 2,0504  | J.Fes |          | ObjectList                          | UpdDb=Yes       |      | Suchen ueber Last Result Optimiert  |
| 16.02.2009 | 2,0504  | J.Fes |          | Import                              | UpdDb=Yes       |      | Beim importieren der Daten aus TC in die JM.DB wird automatisch Datum und Zeit von IContr:Ir.ModDateBegin auf die jüngste erfolgreich importierte IR gesetzt  |
| 16.02.2009 | 2,0504  | J.Fes |          | Import                              | Ver.Info        |      | Default fuer Import Reconnet angepasst WaitTime=10Sec RetrysMax=3000  |
| 14.02.2009 | 2,0504  | J.Fes |          | GUI                                 | Ver.Info        |      | jes wird ein neues Logo in SplashScreen angezeigt Vorteil die Grafik ist einfacher Start bei Remote Umgebung besser   |
| 23.01.2009 | 2,0421  | J.Fes |          | GUI                                 | Ver.Info        |      | die Daten der Spalte [ProcessResultCode] werden in abhänikeit von ihrem Wert eingefärbt<br>-Wert=0 Grün<br>-Wert>0 Rot<br>-Wert<=0 Orange<br>-Wert=leer weiss   |
| 11.12.2008 | 2,0411  | J.Fes |          | Import Sites/Data<br>Import         | UpdDb=Yes       |      | Abfrage für die ermittlung des RelaseStatus und Datums  |