



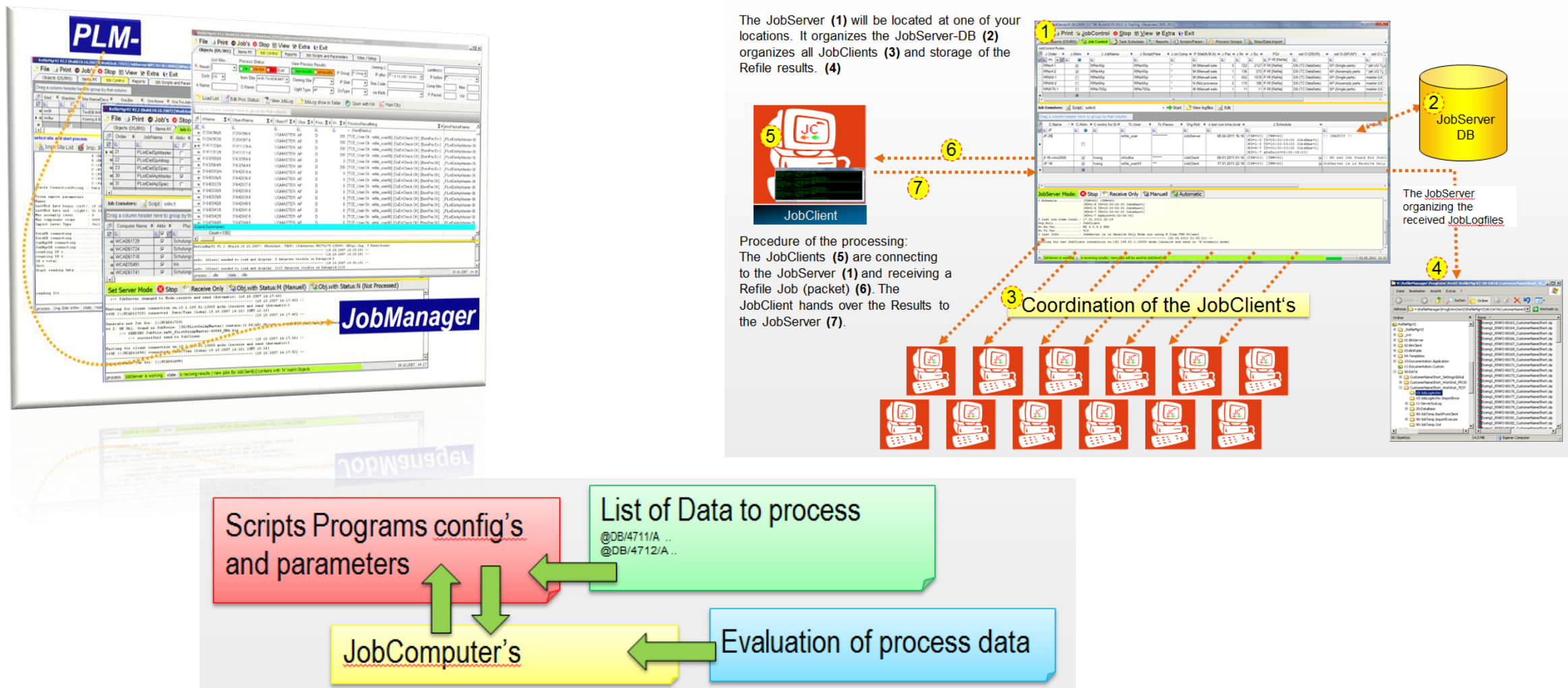
Historie

Bios Josef Feuerstein:

- **Education: Dipl.Ing (FH) Mechanical Engineering**
- **1992 Start working with CAD Systems**
Main System: Bravo 3 Schlumberger - Applicon / with VMS Digital Workstation
- **1995 Start own Company (Dipl.Ing J.Feuerstein)**
Main focus: CAD System programming CAD consulting
- **1999 Start working with UGV17/IMANV5 NX/TC**
 - **NX / TC company method development**
 - **NX / TC consulting training's and documentation**
- **2004 First refile project at Company Koenig & Bauer AG (~250.000 Parts) in TC Multisite environment**
- **2005 Consulting partner UGS / SPLM**
Main focus: Mass data processing // NX - Refile // CMM _Mig // TC-Migration
- **2011 founding addPLM – GmbH**

Product: PLMJobManager

Software to process, and analyse mass data in PLMSystems

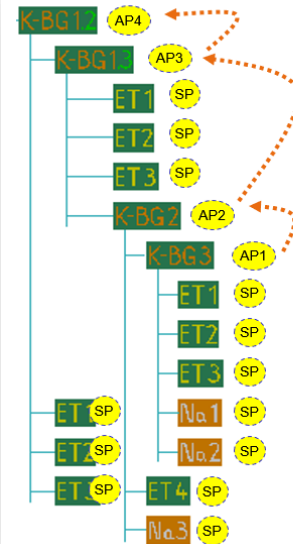


Process: NXPartUpdate

Automation to Update NX-Data



Bottom - Up Prinzip:

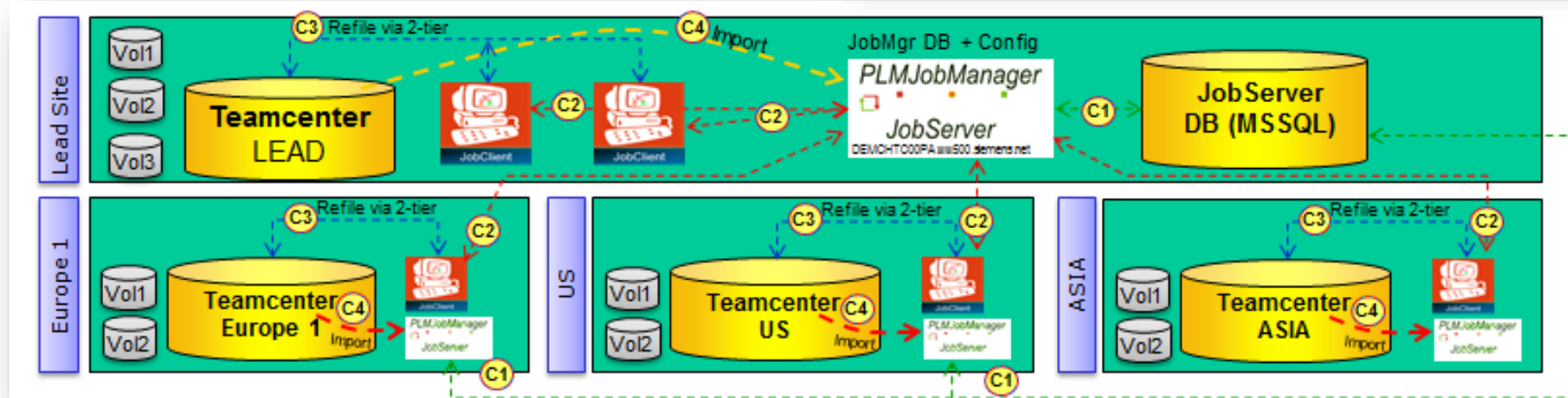


The Part-Update of the Nx Data should be done via Bottom Up Principle.

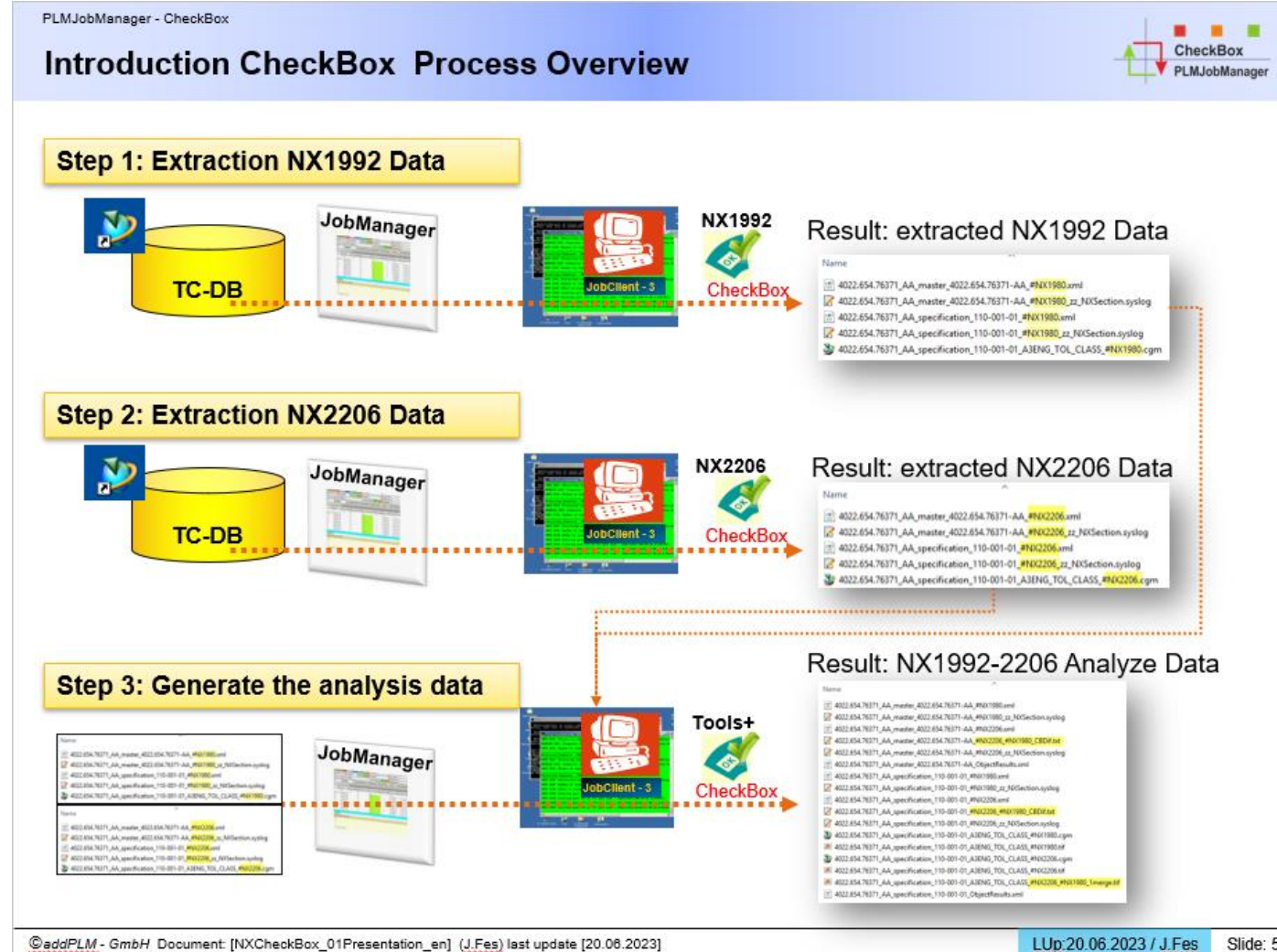
The advance is that the Update of Assembly is systematic processed from Bottom Up. It reduces the update time and improves the final Data quality

Therefore the Parts and Processed in this order:

- First all = Single Part's (SP)
 - All Assembly's (AP) started with the lowest mound of levels and components.
- | | | |
|-----|---------------|--------------|
| AP1 | has 1 Level | 5 Component |
| AP2 | has 2 Level's | 8 Component |
| AP3 | has 3 Level's | 12 Component |
| AP4 | has 4 Level's | 16 Component |



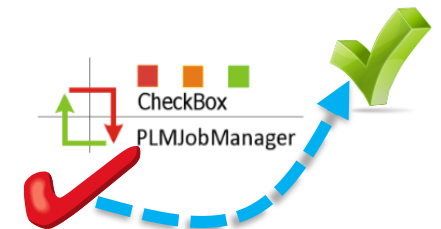
CheckBox automation to compare NX-Data



Benefits for using CheckBox

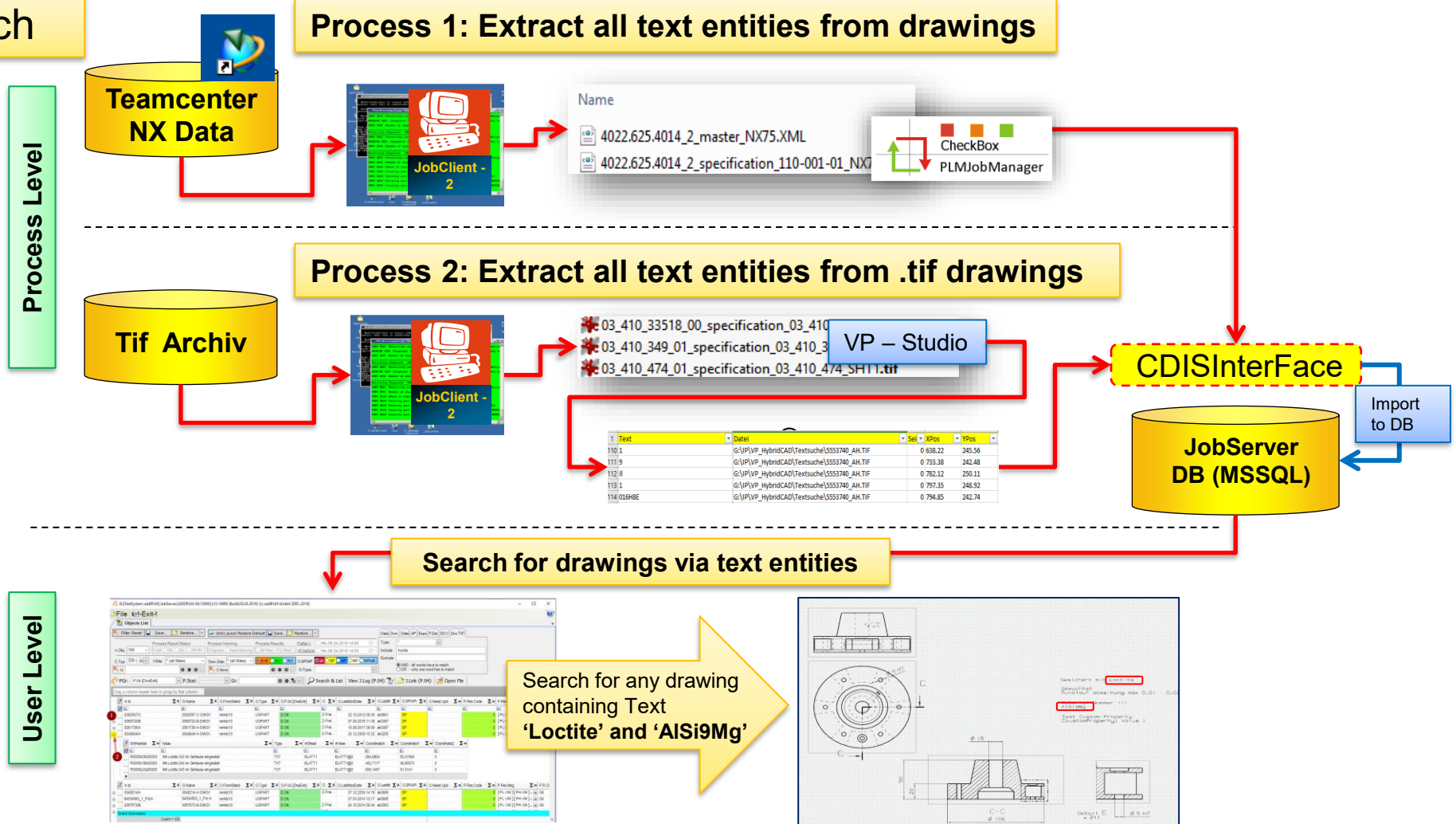


- ✓ Getting overview about your NX - TC Data Quality
- ✓ Getting overview about NX – TC Software Quality
- ✓ Helps to setup NX - TC customer settings
- ✓ Helps to find issues before designers working with the new NX – TC Version
- ✓ Helps to keep the value of PLM Data
- ✓ Reduces cost's “after upgrade” because Data and software issues can be better identified and solved before upgrade.
- ✓ Reduces Upgrade risks



Process: Drawing Text Indexing

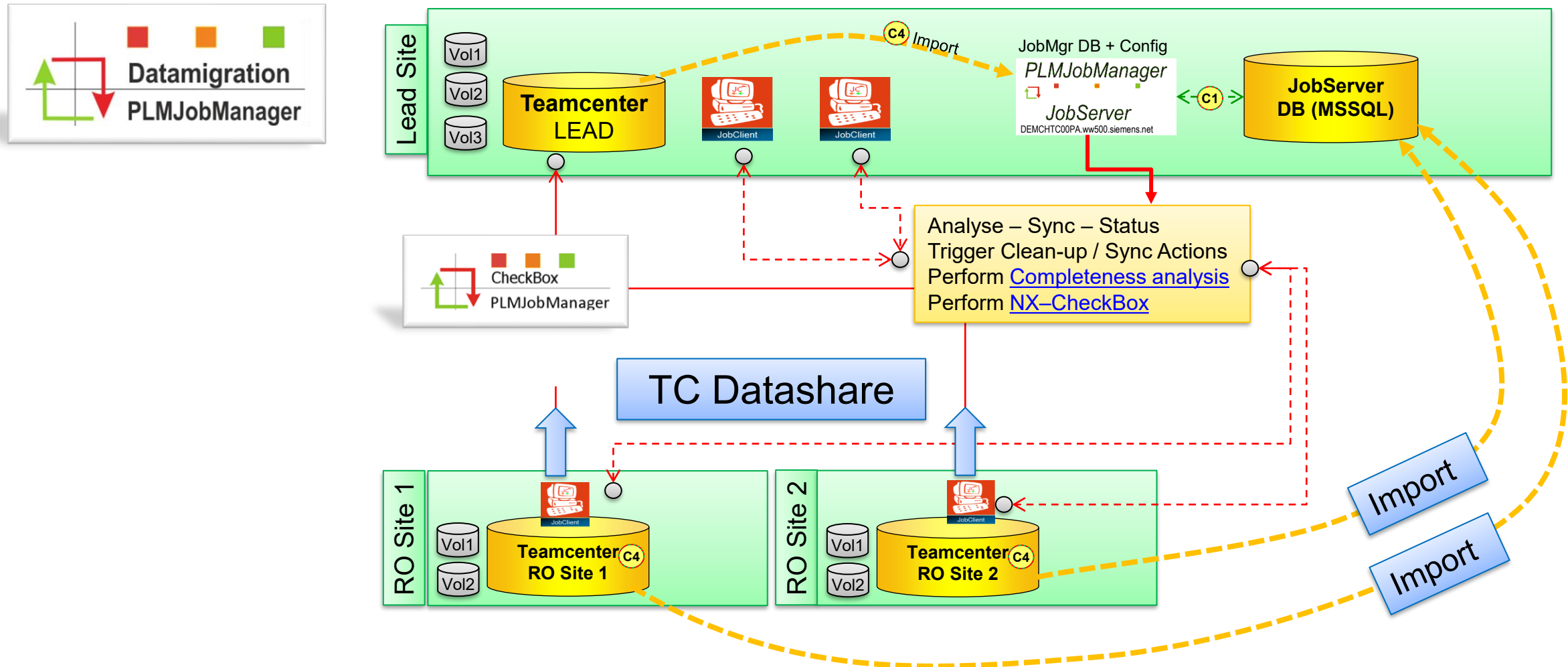
Workflow System - sketch



This method makes it possible to capture all texts from all NX drawings + Tif drawings.
The drawings can be found using search terms.

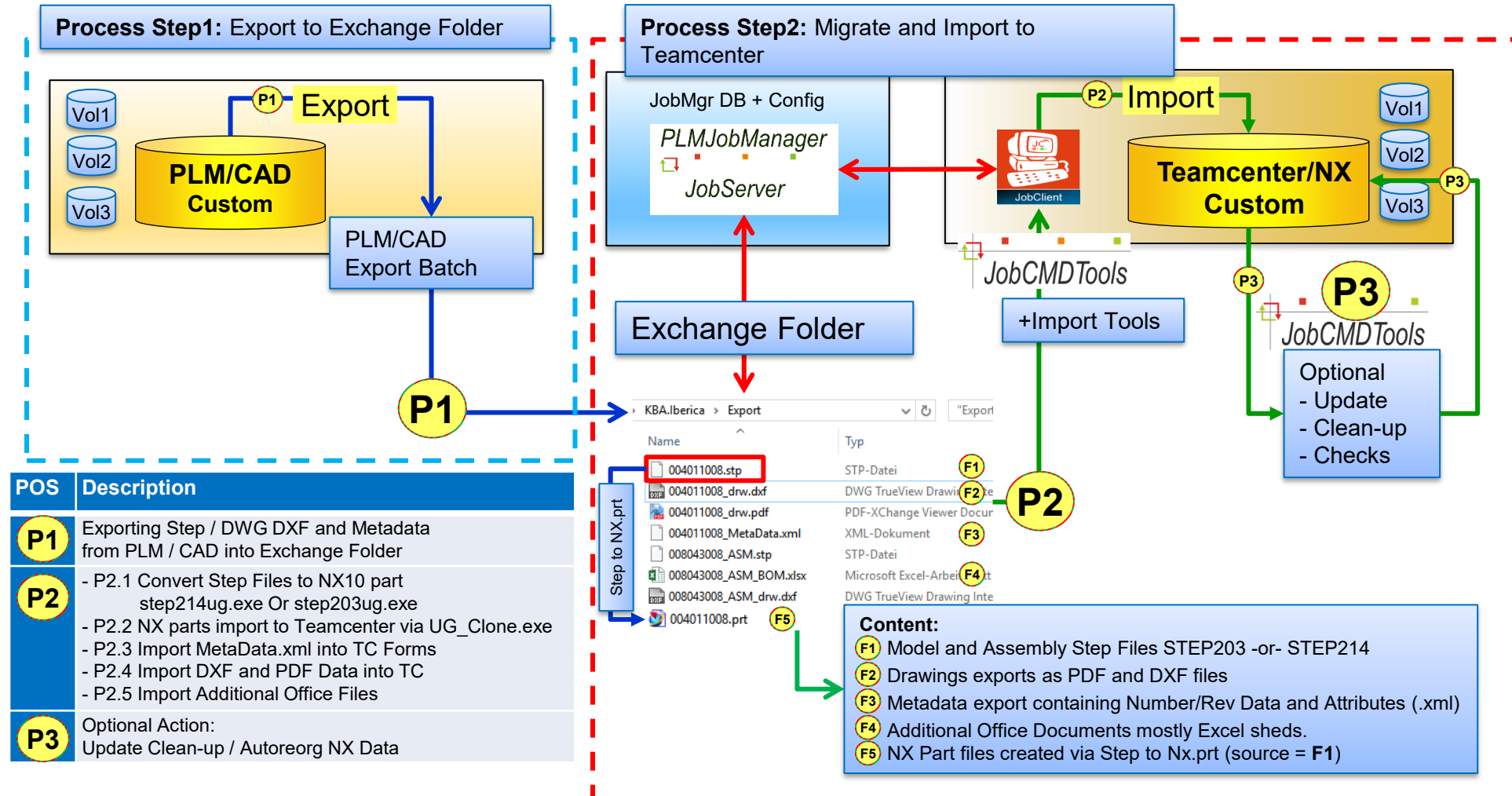
Process: TC Site Consolidation

Automation to consolidate TC-Sites



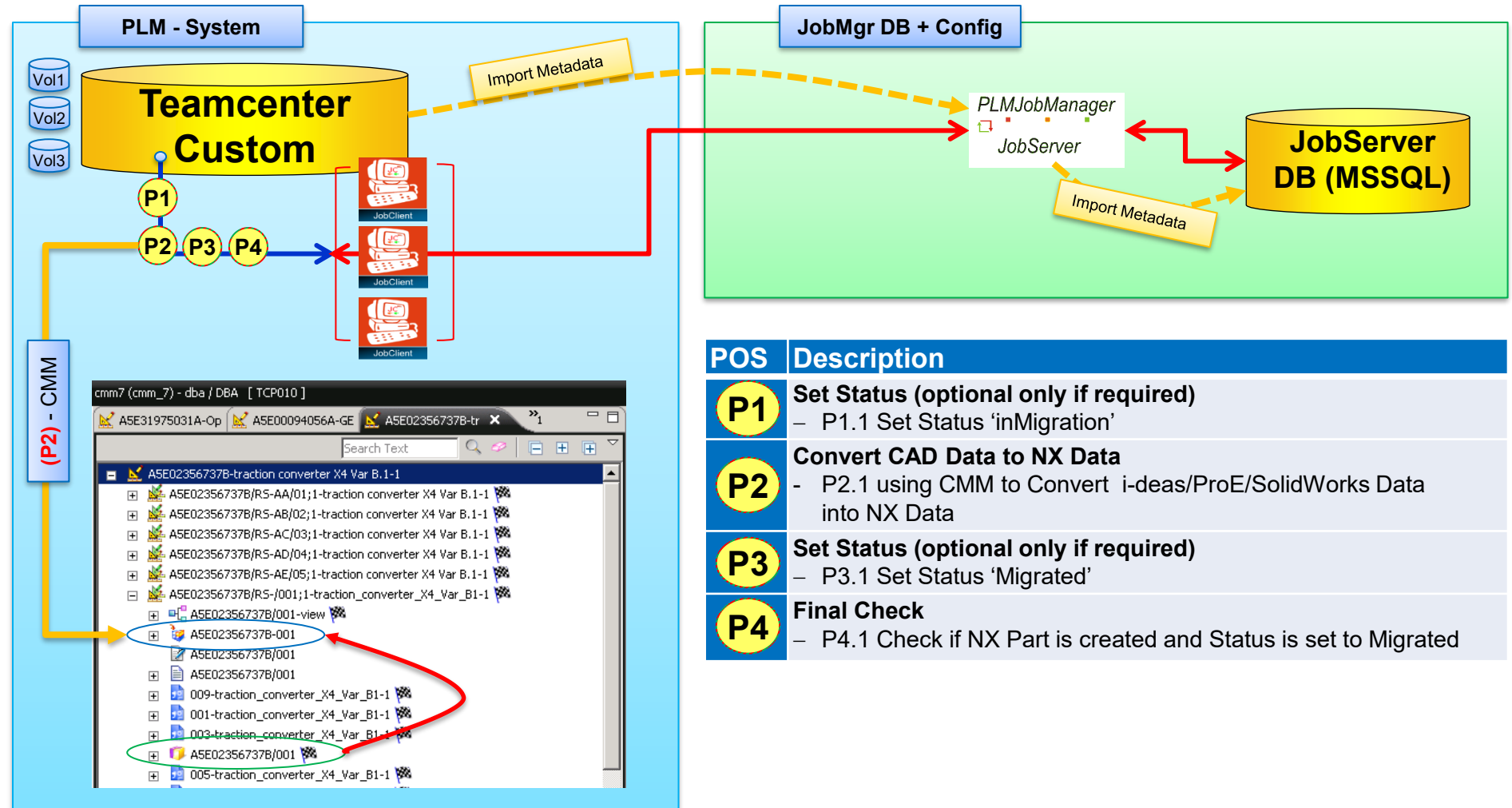
Process: Migrate Step Data as NX Parts to TC

Workflow System - sketch



Process: Migrate CAD parts as NX Parts via CMM in TC

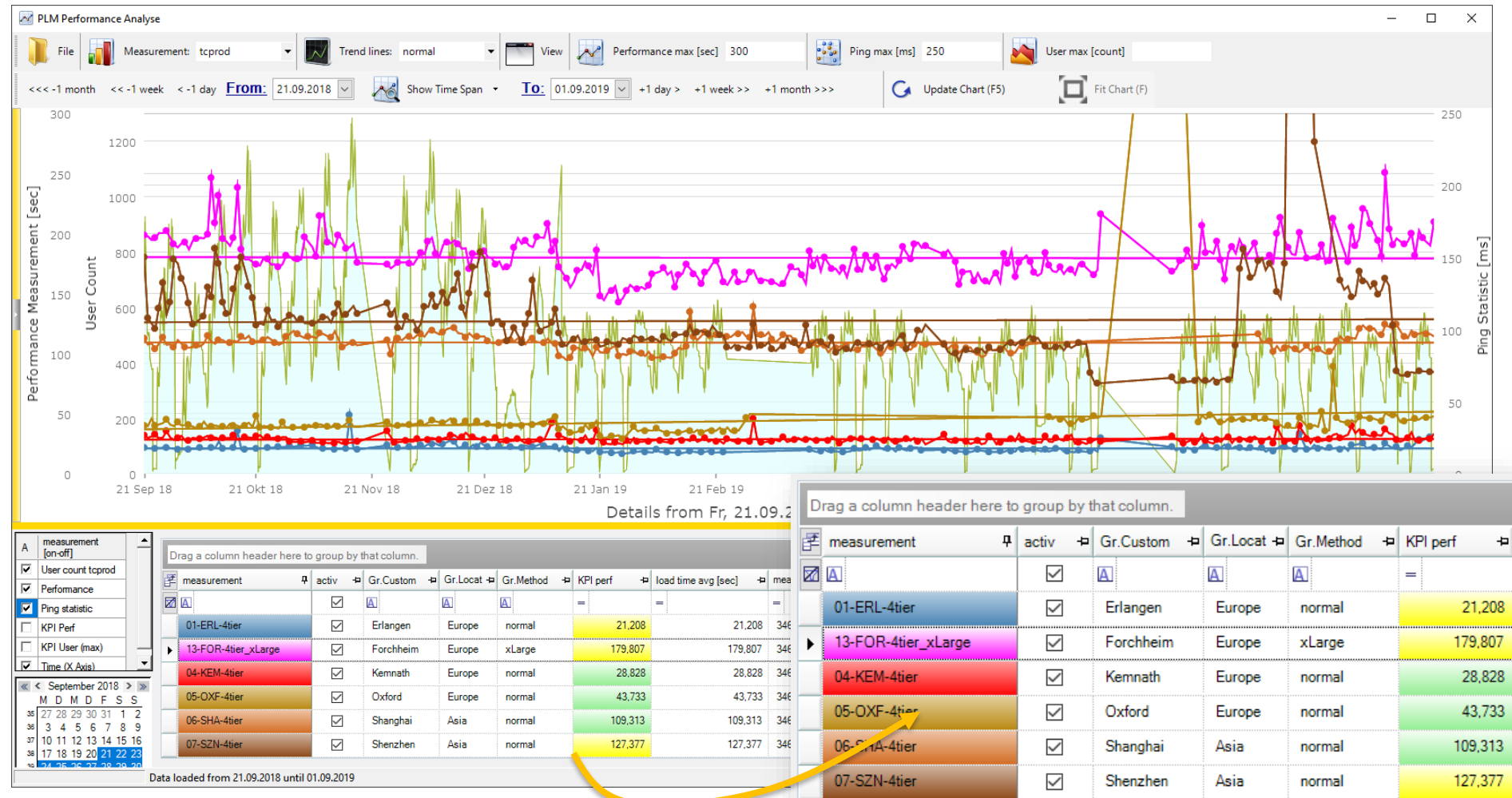
Workflow System - sketch



POS	Description
P1	Set Status (optional only if required) – P1.1 Set Status 'inMigration'
P2	Convert CAD Data to NX Data – P2.1 using CMM to Convert i-deas/ProE/SolidWorks Data into NX Data
P3	Set Status (optional only if required) – P3.1 Set Status 'Migrated'
P4	Final Check – P4.1 Check if NX Part is created and Status is set to Migrated

Produkt: PLM Performance Monitoring and Analysis

Long-term / Time Span - View



Business content addPLM - GmbH:

**The company has the business activity in PLM environment.
With the main focus in mass data processing of NX and Teamcenter Data.**

Services in PLM NX and Teamcenter:

- Project analyses and consultation
- Project Acquiring and realization
- Project support documentation

Description off typical consulting services:

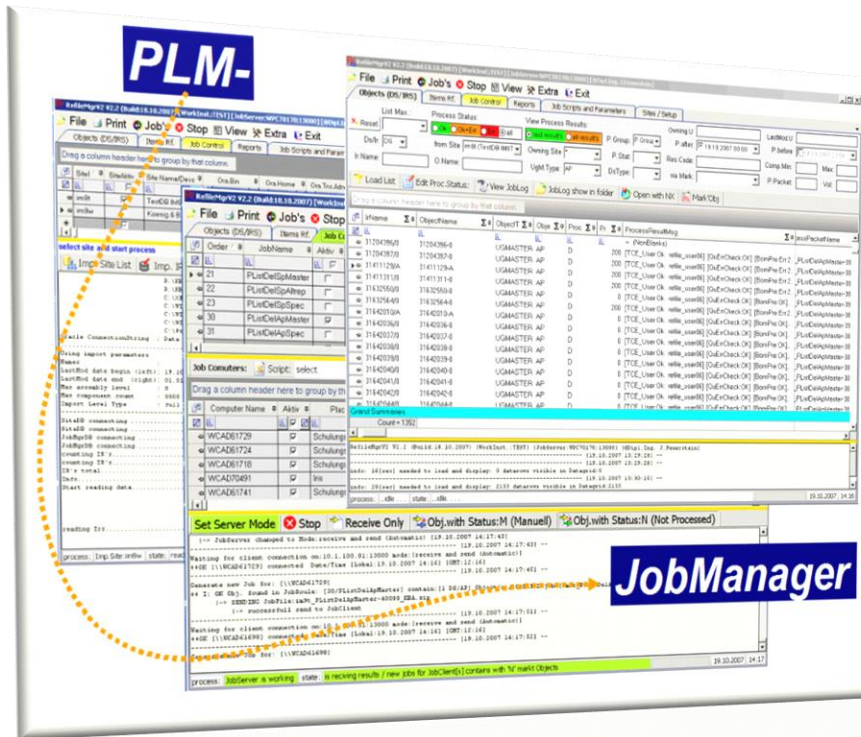
- Nx PartUpdate und CheckBox Projekte
- TC Multisite Data migration → TC Site Consolidation
- Data migration CAD to NX via CMM processes
- PLM Performance analyse for TC/NX

Product: PLMJobManager

- Software Development
- Optimization Refile and CheckBox process
- Enhancing generic Job processing methods

Product: PLM Performance Analyse

- Software Development
- Enhancing generic Job processing methods



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