

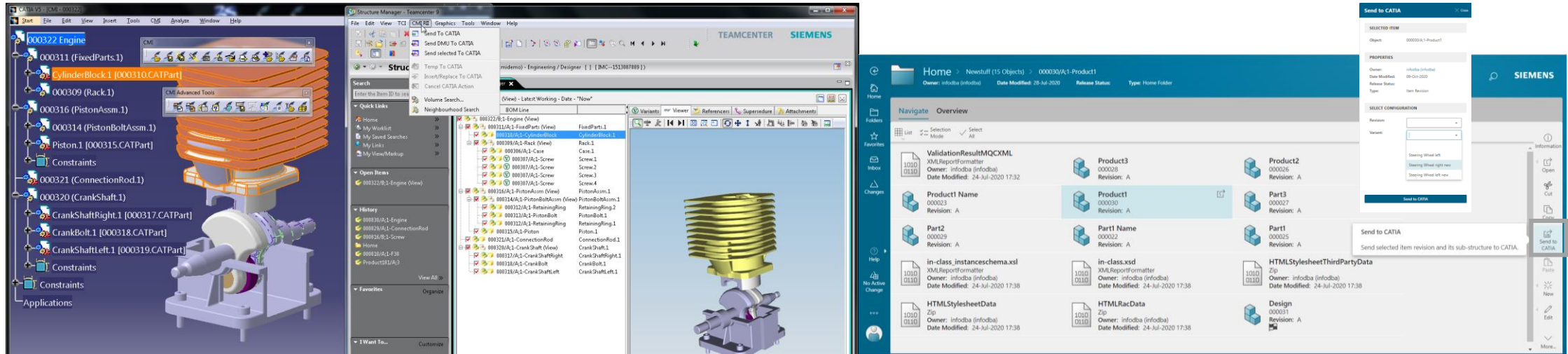
CMI RII - CATIA Teamcenter Integration

T-Systems PLM Applications

 **T Systems**



CMI RII – CATIA Teamcenter Integration Overview



CMI RII is the comprehensive, bi-directional CATIA V5 integration to Teamcenter

- Integrated in the Teamcenter Rich Client UI (My Teamcenter, Product Structure Manager)
- Is the superior solution for PDM managed CAD design with CATIA
- Works with all combinations of versions of Teamcenter (Ver. 10.1 onwards) and CATIA V5 (R22 onwards)
→ no upgrade of Teamcenter is required when CATIA V5 is upgraded and vice versa.
- Highly configurable and many customizing capabilities

T-Systems PLM Solutions

Our Partners

Siemens PLM Software

Technology
Partner

Digital Industries
Software



- Development Partnership
- Reseller Agreement for CMI
- Service Agreement
 - JT Open Partner
- COM/FOX JT CATIA Converter

Dassault Systèmes



- CAA V5 Gold Partner
- DS V6 apps Community Partner
 - SAP Integration
 - Teamcenter Integration
 - Aras Innovator Integration
- Service and Integration Agreement

CMI RII – CATIA Teamcenter Integration License Model and Commercial Aspects

T-Systems delivers a Commercial off-the-shelf pure CAA product

- Customers doesn't require any CAA RADE or PX1license.
- T-Systems' CATIA integration products are approved by Dassault Systèmes.

T-Systems offers a flexible license model

- Concurrent Licenses can freely float in the network allowing flexible usage of the licenses.
- Company License on request for maximum flexibility with an unlimited number of licenses.
- T-Systems offers discounted prices based on the total installation licenses.

CMI RII – CATIA Teamcenter Integration Support

Flexible support model – Customers can choose their preferred way to communicate

- Support via SPLM support channel GTAC.
- Direct support by T-Systems by 2nd level hotline:
 - Discussion of customer requirements
 - Analyze use cases of customers
 - Best practice
 - Customization support

T-Systems is visible and tangible

- No firewall between customers and our T-Systems development team.
- On-site and over the web support.
- Implementation and support of customer specific requirements and provision of specific releases on demand in weeks.

CMI RII – CATIA Teamcenter Integration Ability and General Characteristics

Proven Ability

- Proven PLM Integration for large enterprise environments with thousands of users.
- Solution can be tailored to various design process needs allowing to work efficiently with the existing and proven methodologies.
- CMI comes with a comprehensive description of use cases to support the customers design processes.

General characteristics

- CATIA dialogs are natively in CATIA (made with CAA).
- Clear distinction between PDM and CAD allow lean design methods.
- Solution contains countless use cases from large customers, also many methodologies from VPM.

CMI RII – CATIA Teamcenter Integration

Use Cases and Functionality

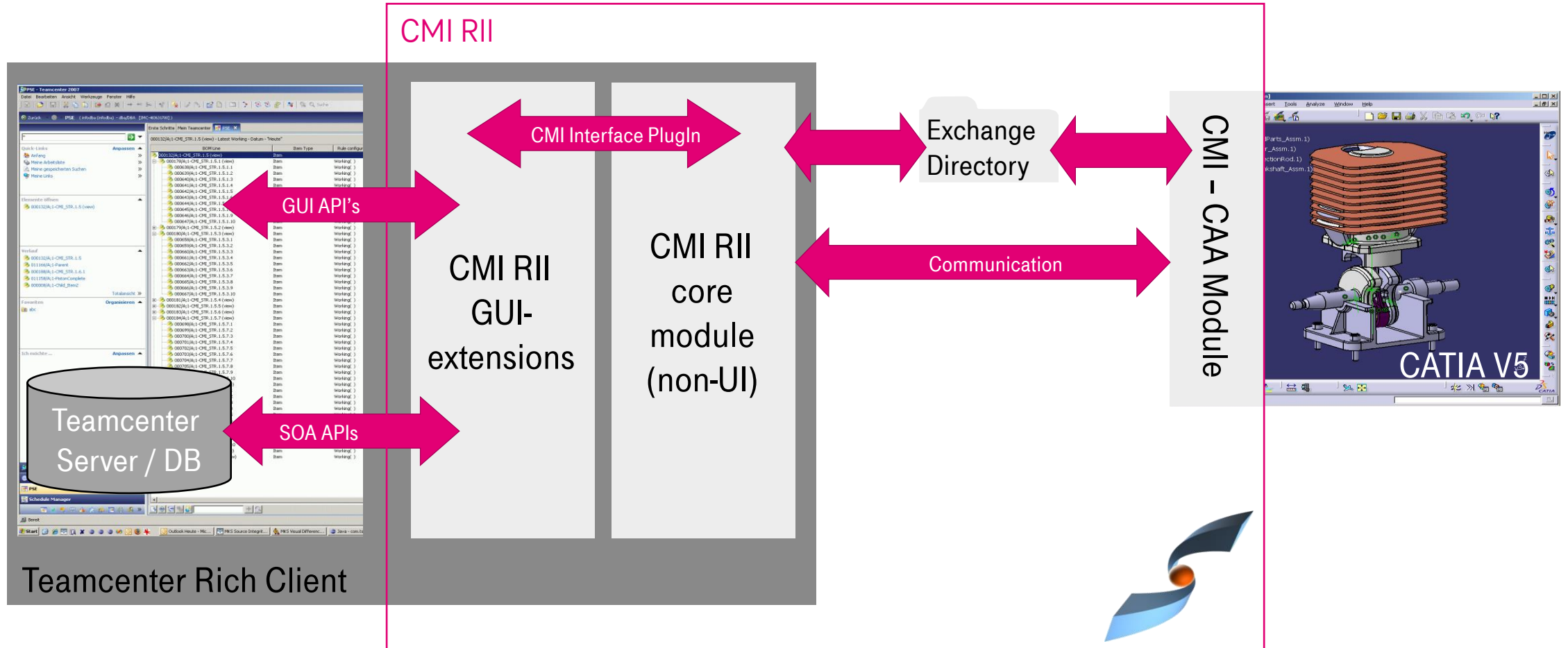
OOTB available use cases

- CMI Caching Concepts – Administration and Functionality
- Local Cache and Released Cache
- CMI CATDUA Integration
- DMU with CMI
- Import – Export - Reconnect
- Standard Parts management
- Synchronization of CATIA V5 data structures
- CMI Archive data management
- Management of Referenced Documents (MML)
- Work with CATIA Design Tables
- Export / Import of CATIA Structures

Other features and functions

- Load in CATIA / Load for management
- compare / Add Temp / Load selected
- Update & Synchronize
- Position Matrices management
- CATIA Property / Teamcenter Attribute mapping
- Local Cache / Visualization support
- CATDrawing and Drawing Frame management
- CATIA Design Table management
- Design and Drawing link
- Store Inertia information
- Check In/Out
- PDM Info in CATIA / Highlight
- Export / Import feature
- Insert from Teamcenter
- Activate / Deactivate of PS nodes in CATIA
- CATIA Templates in Teamcenter
- DMU – Neighborhood search and Volume based search
- Revise in CATIA

CMI RII – CATIA Teamcenter Integration Architecture



CMI RII – CATIA Teamcenter Integration

Supported Versions

CATIA Versions

CATIA V5-6R2012 to CATIA V5-6R2025

Teamcenter Versions

Teamcenter 10.1

Teamcenter 11.2

Teamcenter 12.0

Teamcenter 13.0

Teamcenter 14.0

Teamcenter 2312

Teamcenter 2406

Teamcenter 2412

Older versions on demand

- CATIA versions and Teamcenter versions can be freely combined

CMI RII – CATIA Teamcenter Integration Customer Reference Project @ TATA

Customer

- CMI standard product customization
- Onsite Workshops
- Multi-Quantity and CATALOG support
- LINUX Server support
- CMI RII Teamcenter Unified CATIA Integration



Locations

- TATA Motors in Pune, India
- TATA European Technology Centre
- DAEWOO, Korea
- Trilix, FEV

PDM Project

- Project name : PDM2
- 864 floating CMI licenses
- over 2500 PDM seats

Applications

- CATIA V5 / V4
- Teamcenter / Teamcenter UA
- VIS MockUp

TATA Engineering Network – Powered By CMI

