

Cameo connectors for Teamcenter and Polarion

Powering collaboration across architecture and design



Overview

Modern product development demands seamless collaboration across various teams, integrating requirements management, system architecture, design, testing and more. HCLTech's Cameo connector solutions (for Teamcenter and Polarion) enable seamless, bi-directional data integration between **Dassault Systemes CATIA Magic** (NoMagic Cameo Systems ModelerTM) on one end, and **Siemens Teamcenter PLM or Siemens Polarion ALM** on the other.

Our connectors ensure synchronized workflows across diverse teams, providing real-time data updates and robust traceability. Designed for flexibility, our solutions support industries such as aerospace, automotive and software adapting to diverse development methodologies to drive efficiency and collaboration.

Our Solution

HCLTech's Cameo connectors are advanced integration solutions that seamlessly bridge Model-Based Systems Engineering (MBSE), Product Lifecycle Management (PLM) and Application Lifecycle Management (ALM) tools. Its flexibility and scalability empower industries such as aerospace, automotive and software to achieve seamless data flow between Cameo Systems Modeler, Teamcenter PLM and Polarion ALM. The solution is engineered to tackle the complexities of modern product development by:

Enabling seamless data synchronization

across teams by ensuring that your system models, requirements and design data stay up-to-date and aligned across all tools



Optimizing cross-functional collaboration

by integrating different development domains, allowing teams to work together more efficiently and with greater insight



Improving traceability and accountability

by providing a clear, continuous link from initial requirements to design and testing, ensuring full visibility at every stage of the development lifecycle



Features

Cameo connector for Teamcenter



Model management

Seamlessly manage file-based (.mdzip) and Teamwork Cloud models within Teamcenter



Export diagrams and data

Easily transfer diagrams and elements from Cameo to Teamcenter



Drag-and-drop integration

Seamlessly drag Teamcenter objects into Cameo models



Bi-directional sync

Automatically sync attributes between tools, ensuring consistency



Custom mappings

Tailor integration settings with extensible mapping options



Element-level traceability

Navigate across elements to ensure thorough traceability and downstream analysis



Project traceability

Maintain continuity and traceability across multiple projects and versions

Cameo connector for Polarion



Import work items

Bring live documents and work items from Polarion into Cameo for detailed modeling



Publish data to Polarion

Transfer derived requirements and diagrams from Cameo to Polarion for easier management



Effortless navigation

Quickly access corresponding items in Cameo and Polarion



Custom mappings

Align data flows with your unique processes through customizable mapping definitions



Bi-directional sync

Ensure continuous synchronization between Cameo and Polarion



Support for baselines

Manage baselines and pinned items for accurate tracking and consistency

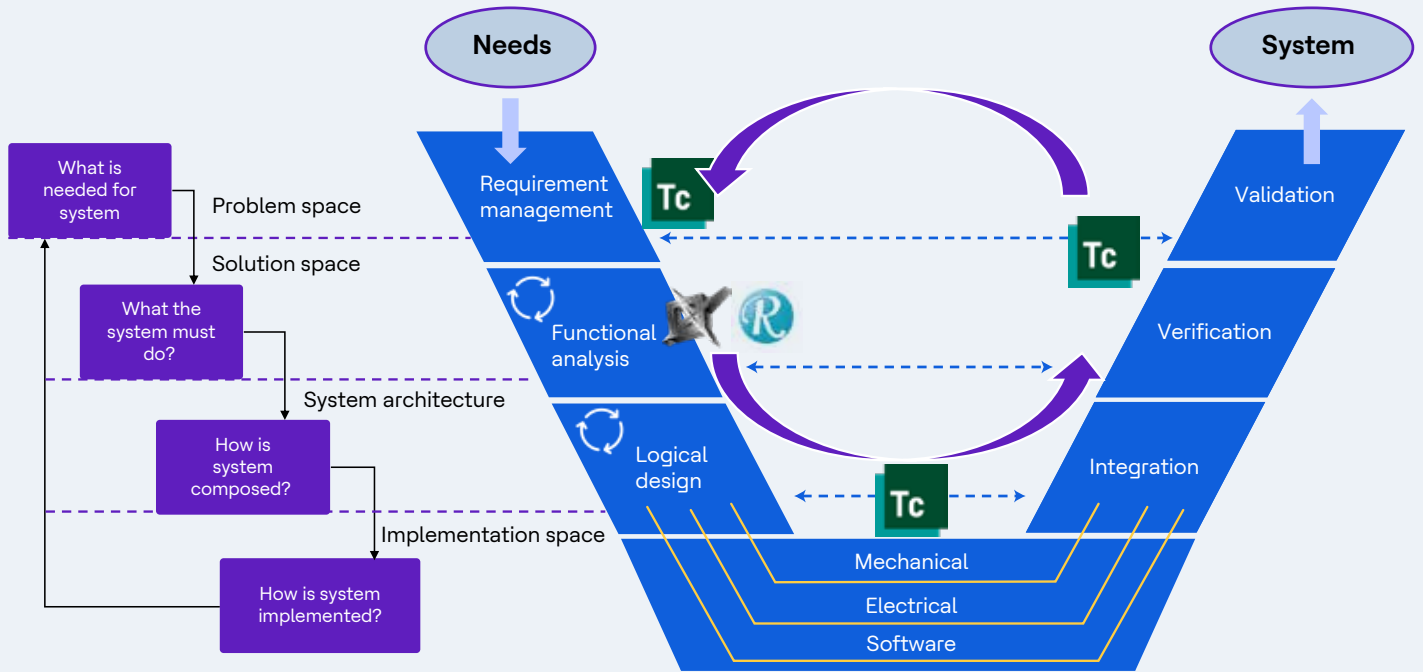


Direct linking

Simplify cross-tool interactions with direct linking for easier traceability

Solution Workflow

HCLTech's Cameo connectors streamline the product development lifecycle by enabling seamless data synchronization and collaboration across MBSE, PLM and ALM tools. Below is a breakdown of how the tools interact within the solution framework:



Key Benefits

HCLTech's Cameo connectors for Teamcenter and Polarion, organizations achieve significant improvements in efficiency and product quality:



Optimized data management

Sync ALM/PLM data into system models, ensuring consistency across tools



Comprehensive traceability

Track requirements to system models, maintaining clear audit trails



Faster time-to-market

Speed up development with early collaboration and faster decision-making



Increased reusability

Reuse models and requirements to reduce redundancy and improve efficiency

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