

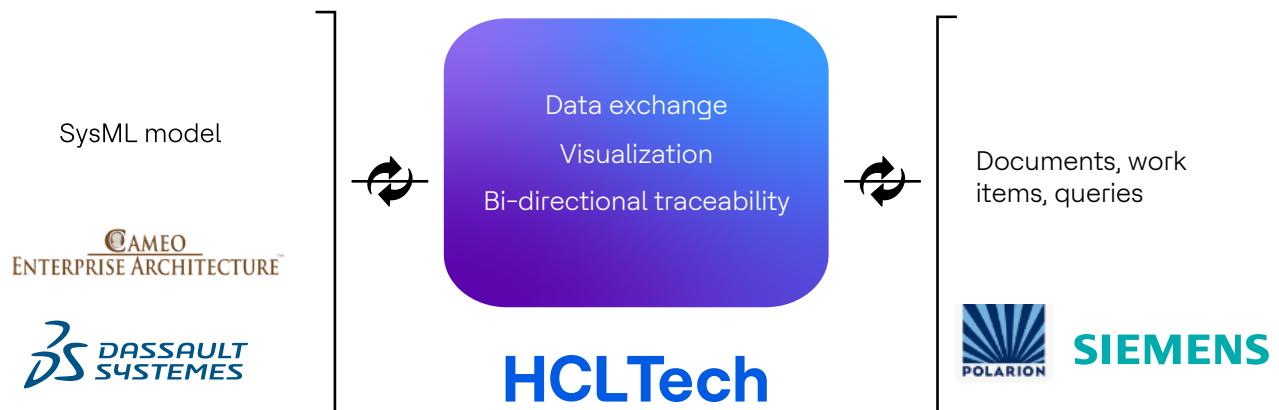
Cameo Connector for Polarion

Enabling seamless information flow between architecture and application development

There is a growing trend to use formal MBSE (Model Based Systems Engineering) models to develop and define complex, multi-disciplinary architectures. However, it is important to maintain consistency between requirements managed in ALM and those used and elicited during architecture development. MBSE and ALM integration is essential for digital transformation and consistent information flows across the engineering discipline.

In contrast to the conventional document-based approach MBSE helps in creating model-based executable specifications of multi-disciplinary systems, HCLTech has developed "Cameo Connector for Polarion" to enable seamless collaboration between architecture models in a systems modelling tool and data managed in Polarion. It delivers capability to integrate product development for organizations using Polarion for requirement management and system modelling tool for MBSE.

Cameo Connector for Polarion



Key use cases

ALM data exchange

Import Polarion work items, creating corresponding system modeling elements based on semantic mapping

Export information about traceability to system design using surrogates

Bi-directional traceability

Maintain traceability to information authored in respective tool, enabling debugging and impact analysis of changes

Update/synchronize changes in original data

Visualization of ALM data

Visualization of requirements/work items in embedded Polarion window in Cameo System Modeler

Navigate to corresponding item from Cameo System Modeler to Polarion and vice-versa

Key functionalities



Solution benefits

Effective ALM data management



This connector allows system designer to import ALM data and reference imported work items in specification of model elements for business, software or systems architecture. Imported items can be synced to latest or baselined versions. Derived specifications and artifacts can be exported to Polarion.

Enable collaborative design process



Enable collaboration with enterprise team through simplified data exchange. System designers can access, edit, publish and synchronize requirements with ALM system without leaving Cameo System Modeler.

Accelerated product development



Saves time and resources by working with integrated platform for requirements, processes, and design. It minimizes the unnecessary rework and expense.

Traceability



Traceability across requirements/tests/defects to system model by closing the loop between downstream implementation and upstream plans.

For more information contact: Philip Balmforth philip.balmforth@hcltech.com, Hemant More hemant.more@hcltech.com