

 **CAMEO**
DATAHUB™ for  **jama connect®**

Cameo DataHub™ for Jama Connect® empowers customers to establish Live Traceability™ between requirements in Jama Connect and architectural elements in CATIA Magic.

Cameo DataHub for Jama Connect® is a plugin for CATIA Magic, developed by Dassault Systèmes (www.3ds.com), to enable copying, linking, and synching of requirements and system model elements between Jama Connect and CATIA Magic solutions. Users can relate their requirements from Jama Connect to their system architecture and design in CATIA Magic, reducing risk by tracking and identifying changes for users to address. Customers benefit from the resulting [Live Traceability™](#) between requirements from Jama Connect and architectural elements in CATIA Magic, which allows engineers and stakeholders to access the latest and most complete information quickly and easily for any requirement at any time in the development process.

In addition to copying and synching requirements and model elements between the two solutions, users can navigate from CATIA Magic to Jama Connect and visualize which elements are linked. Sync a single diagram or entire package of modeling diagrams from CATIA Magic with a Jama Connect project. Cameo DataHub then converts the diagram into an image and copies it as an embedded object into the description field of the related Jama Connect project item. When synchronized, the image is updated in Jama Connect if the related diagram has changed in CATIA Magic.

This integration allows users to measure requirements traceability in an automated fashion with the Trace Score™ in Jama Connect. Your Trace Score provides insight into the quality of your traceability and coverage across disciplines and your organization's toolchain. This analysis and automatic risk detection can help you quickly and easily evaluate coverage, address any gaps, and proactively manage associated risks.

Combined with Jama Connect's Traceable MBSE™, this integration helps organizations integrate MBSE efforts into their entire development process to ensure alignment across engineering disciplines and inform enterprise and program decisions.

CATIA Magic users also now benefit from the Jama Connect Review Center which provides an iterative, collaborative approach to design reviews of requirements, tests and more in real-time.

Cameo DataHub + Jama Connect® Gives You More

PROVIDE SEAMLESS VIEW ACROSS TOOLS

Provides engineers with a seamless view between CATIA Magic and Jama Connect by synchronizing any model elements, diagrams, or traces.

ENSURE CONSISTENCY

Ensures data, relationship, and process consistency across each tool by eliminating the error-prone manual integration process.

ESTABLISH LIVE TRACEABILITY

Establishes Live Traceability between imported requirements from Jama Connect and architectural elements in CATIA Magic, allowing engineers and stakeholders to access the latest and most complete information quickly and easily for any requirement at any time in the development process.

PERFORM IMPACT ANALYSIS

Enables reaction to changes to requirements in Jama Connect that influence your system architecture in CATIA Magic.

EXPAND STAKEHOLDER REVIEWS TO INCLUDE DIAGRAMS

Benefit from the intuitive, authoritative reviews with stakeholders by viewing CATIA Magic diagrams together with Jama Connect managed requirements.



Solution for managing requirements, risk and tests for complex products, systems, and software.



Plugin for copying, linking, and syncing requirements and system model elements between Jama Connect and CATIA Magic.



- Exchange links between CATIA Magic model elements and Jama Connect items to enhance the traceability over the entire product development process
- Enables comparing and merging of the architecture model including their linked Jama Connect items

The screenshot shows the CATIA Systems Modeler interface with a hierarchy of requirements and system blocks. A 'Copy Data with Sync' dialog is open, showing the configuration for syncing requirements between the JAMA Connect Side and the Cameo Systems Modeler Side. The dialog includes options for sync direction, mapping mode, and a list of attributes to sync.

Requirements and Architecture Sync Between Jama Connect and CATIA Magic

Copy Data with Sync
Select all unmapped target types from the list and resolve them by defining the schema map. DataHub will create the DHLinks to maintain the nodes in the scope hierarchy.

Sync Direction: Two-way Sync One-way Sync from Cameo Systems Modeler One-way Sync to Cameo Systems Modeler

Mapping Mode: Group Type Mapping

JAMA Connect Side

- Stakeholder Expectation
- Stakeholder Expectation Set
- Standard
- Standard Set
- Subsystem Requirement
- Subsystem Requirement Set
- System Architecture
- System Architecture Set
- System Requirement
- System Requirement Set
- Text

Exclude all non-mapped nodes from DHLinks.

Define Target Type from Attribute Value

Attribute:

Default	Priority	Value	Target

Cameo Systems Modeler Side

Search: requirement

- Requirement

Set as default target type

Select Attribute to Sync

System Requirement (JAMA Connect...)	Requirement (Cameo Systems Modeler...)	Conversion Rule
<input type="checkbox"/> Derived?	<input type="checkbox"/> Name	<input type="checkbox"/> Global ID(Readonly)
<input type="checkbox"/> Description	<input checked="" type="checkbox"/> Project ID(Readonly)	<input type="checkbox"/> Name
<input type="checkbox"/> Global ID(Readonly)	<input type="checkbox"/> Rationale	<input type="checkbox"/> Edit rule
<input type="checkbox"/> Name	<input type="checkbox"/> Requirement Type	
<input type="checkbox"/> Project ID(Readonly)	<input type="checkbox"/> Source Document	
<input type="checkbox"/> Rationale	<input type="checkbox"/> Source Paragraph	
<input type="checkbox"/> Requirement Type	<input type="checkbox"/> Status	
<input type="checkbox"/> Source Document	<input type="checkbox"/> Verification Method	
<input type="checkbox"/> Source Paragraph		
<input type="checkbox"/> Status		
<input type="checkbox"/> Verification Method		

Buttons: Maximize, OK, Cancel



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