



SOLUTION OVERVIEW

Jama Connect[®] for Traceable MBSE[™]

Accelerate Adoption of Model-Based Systems Engineering (MBSE) for Product Innovation

Jama Connect[®] for Traceable MBSE[™] is a single platform that combines requirements, architectures, behaviors, and V&V into a single model of the system by applying: structure for the data; rules for the data; and a consistent interface language between parts of the system. A Jama Connect model provides engineers, project managers, business analysts, or any stakeholder, an organized way to address all aspects of the system consistently with the assurance of completeness.



Accelerate Your Systems Development

Jama Connect for Traceable MBSE provides a path to companies embracing MBSE where the application of collaboration, modeling, and methods reduces time and effort across the lifecycle.

What's Included:

- Framework aligned to industry best practices from INCOSE and SEBoK
- MBSE Quick Start Guide
- Document export templates and reports aligned with systems development
- Standard features of Jama Connect including requirements management, test management, live traceability, review center, realtime collaboration, reuse & baseline management, workflow & configuration management, diagramming
- Consulting and training customized to your teams' MBSE processes



A Single Platform for Executing MBSE



Requirements Management

Manage and validate complex systems requirements while eliminating the risks and inefficiencies associated with static documents-based and legacy systems.



Constrainable Traceability Schema

Meet functional safety standards and identify and mitigate hazards earlier in development, helping teams avoid frustrating and costly late-stage design changes.



Quick Start Guide

Accelerate transition to MBSE and improve compliance using the framework and recommended procedures.



Built-in Diagramming

Accelerate adoption of MBSE and improve cross-team communication using the framework aligned with best practices.



Test Management

Align tests and requirements, run test cases, and instantly log connected defects when tests fail.



Export Templates

Support the MBSE systems development process with export templates developed for systems engineering teams.

Build Your MBSE Maturity

Jama Connect MBSE Maturity Model

Jama Connect can be used to streamline a collaborative, data-driven approach and provide more immediate systems engineering value to larger numbers of stakeholders. Jama Connect for Traceable MBSE lessens the learning curve for systems engineers by assisting with an organizational paradigm shift from document-centric to model-based systems engineering.

Key Solution Benefits:

With Jama Connect for Traceable MBSE, you can:

- Reduce time and effort to accelerate development.
- Design a system using models to enable early visualization and simulation, improving stakeholder buy-in and customer satisfaction.
- Enable collaborative, innovative design and maintenance of complex systems.
- Build MBSE organizational maturity with a ready-to-use framework and the option to connect to additional model tools.
- Create a textual and relational model across your requirements, architecture, and V&V data, creating structure and relationship diagrams, to support more effective model-based systems engineering.
- Make requirements, all of the data, and relationships of the data accessible across the organization.
- Integrate software, hardware, and systems engineering



Optimize Success for Your Organization

When you purchase Jama Connect for Traceable MBSE, our consultants partner with you to adapt the solution to fit your product delivery process and drive adoption of Jama Connect within your organization.

Alignment Phase

The alignment phase aims to determine and implement the best use of Jama Connect for your organization based on an understanding of your unique product development process, business objectives, and desired team workflow.

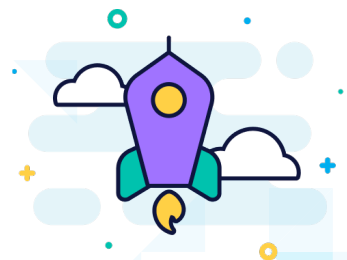


This phase includes:

- Preliminary project planning and discovery sessions to understand your people, processes, and data as it pertains to requirements management, and verification and validation for systems development
- On-site workshops or remote working sessions focused on alignment of processes to governing standards
- Consultants partnering with you to setup templates or utilize standard reports to produce the following document exports: checklist work product, requirement specification, review records, test results report, default export to Excel, default export to Word
- Your Jama consultant working with your core implementation team to prepare Jama Connect for use by end users, in remote working sessions if needed

Launch Phase

Once it's ready to use, your Jama Software consultant will lead a remote or onsite training to show your teams how to use Jama Connect. Following the training, your consultant will be available remotely to provide assistance, as needed, to support your initial implementation.





Jama Software® is focused on maximizing innovation success in multidisciplinary engineering organizations. Numerous firsts for humanity in fields such as fuel cells, electrification, space, software-defined vehicles, surgical robotics, and more all rely on Jama Connect® requirements management software to minimize the risk of defects, rework, cost overruns, and recalls. Using Jama Connect, engineering organizations can now intelligently manage the development process by leveraging Live Traceability™ across best-of-breed tools to measurably improve outcomes. Our rapidly growing customer base spans the automotive, medical device, life sciences, semiconductor, aerospace & defense, industrial manufacturing, consumer electronics, financial services, and insurance industries. To learn more, please visit us at jamasoftware.com.