



WHITEPAPER

# Jama Connect<sup>®</sup>: A Modern Requirements Management Alternative to IBM DOORS

Lower project costs, shorten time to market,  
and strengthen innovation with Jama Connect

**“It is increasingly critical for tools to provide socially collaborative features, to automatically link critical development data from other tools and to present it in an easy-to-comprehend format for all development stakeholders.”**

VDC Research, The Global Market for Requirements Management/Definition Tools

In the past, IBM® DOORS® has been a widely adopted requirements management (RM) tool for teams working on complex products. Because it's often sold into the enterprise as part of a larger IBM suite, its widespread use is sometimes a matter of default rather than choice.

If you're like most of today's systems-driven engineering organizations, you're producing complex, finished products and components. You probably also work in a hybrid-Agile development environment and are working to scale that effectively. In business, processes change because needs change. These changes can come about from the rise of software-driven products, the business imperatives of on-time delivery, and extended supply-chain systems threaten to disrupt traditional manufacturing and engineering processes.

Despite these changes, teams are pressured to accelerate product delivery and manage growing complexity in distributed organization

and supply chains, within products, and across a network of interrelated and interdependent products.

### **THE OBSTACLE**

When building modern products, teams can't afford to waste time on tools that bog down critical processes. Tools that are difficult or frustrating to use, and require experts to operate, will not only slow down development, they will breed resistance and hinder adoption. Teams are constantly in a sprint leading up to launch and outdated, legacy solutions get in the way.

### **THE OPENING**

Product and system development requires highly collaborative solutions and methodologies. To accelerate system design and delivery, you need alignment across the engineering, business, and product-management life cycles.

If you need to improve on-time delivery, demonstrate compliance to process standards, link development artifacts, establish full impact analysis, and create full traceability, if you need to align teams around what they are building and why, then you need a modern requirements management solution. You need Jama Connect.

Jama Connect provides an intuitive user experience that's easy to work with and accessible to all. In Jama Connect's Review Center, engineering shares and validates specs and requirements, and management easily tracks progress and decisions.

Jama Connect serves as a contextual system of record and action for product-centric organizations such as NASA, Comcast, Caterpillar, and SpaceX to involve more people and greatly improve process and quality.

How effective is it? Using Jama Connect, more than 2,000 systems engineers at a Fortune 100 semiconductor company reduced its requirement process time by 83 percent.



## THE OPPORTUNITY

### Test Jama Connect and See for Yourself

Maintaining product integrity is tough. Ensuring that what your company envisioned when funding a new product becomes a reality requires careful coordination, attention to detail and—most importantly—context applied to every decision and action. Jama Connect is designed to make product development and management more efficient, faster, and much easier for teams to use.

So think big but start smart. First, talk to your team about Jama Connect. Then, we'll help you implement Jama Connect and tailor it to your specific needs.

### How is Jama Connect different?

In Jama Connect, you can easily see, grab, and reuse items, and be confident that they're current and include all related comments and status. Forget about wordy "reading assignments." You can share specific work components with your team for review and approval, without the risk of compromising security or access permissions that document shuffling causes. And when it's time to pull it all together again to submit or archive a controlled document version, Jama Connect can do that, too.

Systems engineering teams use Jama Connect to accelerate concept, design, and validation for faster times to market. They also improve productivity by eliminating lost information and communication. Jama Connect gives everyone the context and details they need to make more accurate decisions, faster.

# Read what analysts and customers say about Jama Connect

“Consider Jama Connect’s offering if you need to support ideation and requirements workflow in product-centric delivery organizations... Jama Connect’s product drives traceability from requirements to validation, with support for planning and management of tests. The focus of the vendor has been on ease of use and collaboration, and a key capability is the Jama Connect Review Center functionality.

Jama Connect offers a strong solution in requirements management, including traceability to test management and product delivery.

The vendor delivers ease of use that is apparent in viral adoption in requirements management... often, tools around requirements management readily become shelfware, but Jama Connect seems to have broken that mold. Jama Connect provides strong support for collaboration across teams, including connecting people who are not on the system. This drives resolution and management of both what is being built and the overall change process.”

Gartner Research, Magic Quadrant  
for Application Development Life Cycle Management, 2015

**“Jama Connect is instrumental in allowing us to document requirements and define the scope of our projects. It has allowed us to formally document our applications from change requests to formal functional and performance requirements and ensure traceability. Jama Connect has allowed our team to foster improved communication between engineering and product management. The review process facilitates discussion and leads to improved communication amongst the various teams in our organization.”**

Jonathan Kobaly CDG-Inmedius  
a Boeing Company

**“Reviews are tremendously valuable in Jama Connect. Likewise, the user interface is very intuitive for 90% of the features that users must quickly access. These are among the top reasons why we selected Jama Connect as the official Shure RM Tool. The excellent customer support that we get makes the Jama team (business, sales, and technical staff) feel like an extension of our Shure staff.”**

Tony Branch,  
Product Platform Planning Staff Systems Engineer  
Shure Incorporated



# Behind Closed DOORS: A Common Story

“DOORS is archaic. I’d been looking for a replacement because it was such a pain to use that hardly anyone did. Requirements and specs are all over the place. There’s no real traceability or collaboration between cross-functional groups due to the terrible user interface, and no intuitiveness for non-everyday users. We just couldn’t make it work like we needed it to.

In contrast, my team has been using Jama Connect and the difference is night and day. The user interface is intuitive and easy to use, whereas DOORS requires long and drawn-out

training just to learn the basics. With Jama Connect, implementation is relatively quick; you watch a couple of videos and you’re good to go.

The DOORS environment basically forces people to take longer to get work done, and this removes productivity. We need a solution replace tool that enables total collaboration, with better RM, traceability, usability and overall ROI, and that solution replace tool is Jama Connect.”

**“On our very first spec review session, senior engineers who were previously accustomed to documents-based reviews were adding all their comments, questions and decisions into Jama Connect. That speaks volumes on how easy it is to use, and how little time it takes to make and communicate decisions.”**

Kemi Anthony Lewis, IFE&C Systems Engineer,  
Melbourne Design Center LiveTV, LLC  
(a wholly owned subsidiary of Thales USA)



# Modernize Requirements Management with Jama Connect

## EASE OF USE

- Quick cross-departmental adoption thanks to Jama Connect's intuitive, accessible design
- Configure Jama Connect to support Agile, Waterfall, or Hybrid

## PURPOSEFUL COLLABORATION

- Find and connect with all users connected to an item
- Capture conversations and decisions tied to projects and requirements

## TRACEABILITY

- Easily navigate upstream and downstream relationships
- Understand the impact of change and coverage across development.
- Flag suspect or missing links for review

## CHANGE IMPACT ANALYSIS

- Understand potential outcomes of any changes to control scope
- Identify all files, models, and documents requiring modification
- Generate coverage and compliance reports

## REUSE

- Easily manage project variants and multiple product lines

## TEST MANAGEMENT

- Create, manage, and execute test cases in any number of test plans
- Quickly import and export test cases with test steps

## FLEXIBLE ENTERPRISE LICENSING MODELS

- Unlimited collaboration seats for stakeholders
- Bundled Jama Connect integrations for JIRA and other Agile tools

# Some of the most innovative companies in the world are using Jama Connect

Companies managing growing product and requirements complexity require a fully traceable and collaborative platform to support rigorous development processes.

Hundreds of companies, including eight of the top 10 contractors to the U.S. government, use Jama Connect to define, build, and test products and projects.

Our customers cite the follow reasons for choosing Jama Connect after comprehensive research and evaluations of RM options:

- Lower overall project costs
- Excellent stakeholder visibility
- Superior collaboration and communication
- Aligned organizational stakeholders
- Less time spent on RM workflow
- Shorter project cycle times
- Slashed project complexity
- Significant ROI



### GOVERNMENT AGENCY CUSTOMERS

- Air Force Air Mobility Command
- STRATCOM
- NASA
- NAVAIR
- Naval Research Lab
- Department of Health and Human Services
- JHU-APLSPAWAR (U.S. Navy)
- Environmental Protection Agency

### CONTRACTORS & SIS

- Deloitte
- Boeing
- Collins Aerospace  
(formerly Rockwell Collins)
- BAE Systems
- Leidos
- Biofire
- General Atomics
- Thales
- Raytheon
- Lockheed Martin
- General Dynamics

See first-hand how **Jama Connect** can transform the way you work and turn your product development process into a competitive advantage. Visit [jamasoftware.com](https://jamasoftware.com) for more information or get started with a free trial now: [jamasoftware.com/get-started](https://jamasoftware.com/get-started).



### ABOUT JAMA SOFTWARE

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](https://jamasoftware.com).