Jama software®

SOLUTION OVERVIEW

Jama Connect® for Airborne Systems

Accelerate Product Innovation and Simplify Safety-Critical Compliance for Airborne Systems Development

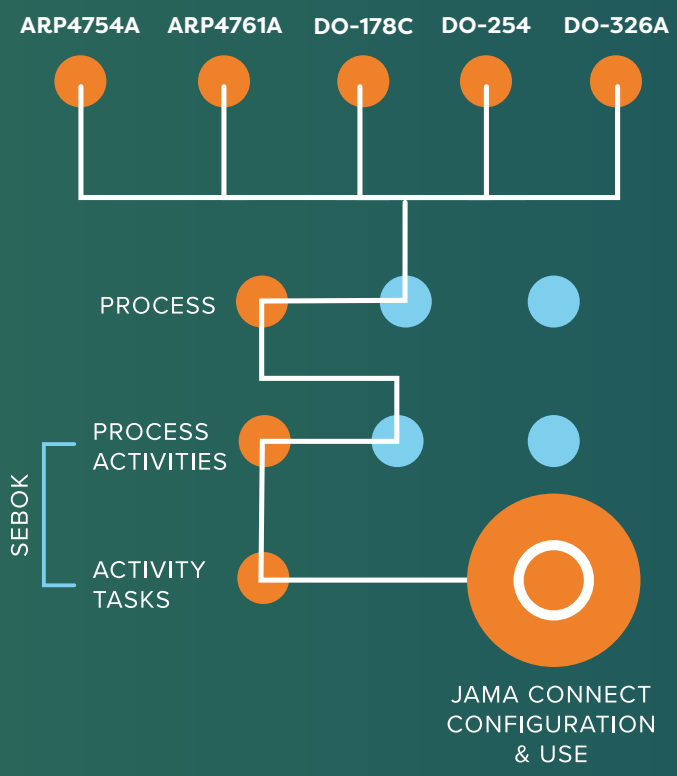
Jama Connect® for Airborne Systems provides a single platform for development teams to build safety-critical systems, while accelerating time to certification, with frameworks and templates aligned to aviation industry standards: ARP4754A, ARP4761A, DO-178C, DO-254, DO-326, and the Systems Engineering Body of Knowledge (SEBoK).

Accelerate Your Airborne Systems Development

Jama Connect for Airborne Systems is designed to help you get ramped up quickly with templates aligned to aviation industry standards of ARP4754A, ARP4761A, DO-178C, DO-254, DO-326, and the Systems Engineering Body of Knowledge (SEBoK).

What's Included:

- Templates aligned to key industry regulations
- Procedure and configuration guides specific to airborne systems development activities
- Document export templates and reports aligned with airborne systems development
- Pre-imported Library of Regulations from CFR Parts 21-59
- Standard features of Jama Connect including: requirements management, risk & hazard analysis, test management, live traceability, review center, real-time collaboration, reuse & baseline management, workflow & configuration management
- Consulting and training customized to your teams' airborne systems development processes



A Single Platform for Building Safety-Critical Products

Requirements Management

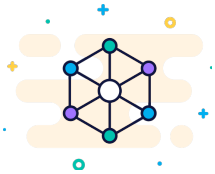
Manage and validate complex systems requirements while eliminating the risks and inefficiencies associated with documents-based and legacy systems.

Hazard Analysis & Risk Assessment

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

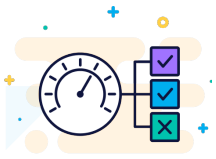
Procedure and Configuration Guides

Accelerate adoption and improve compliance using frameworks and recommended procedures aligned to key industry regulations.



Standard Frameworks

Accelerate adoption and improve compliance using frameworks aligned to key industry regulations: ARP4754, DO-178C/ED-12C, DO-254/ED-80.



Test Managment

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

Export Templates

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

Exchange Requirements Seamlessly

Supply Chain Collaboration

Data Exchange for Jama Connect is used to import, export, and update data to create an ongoing exchange of requirements throughout the product development process. This solution is designed to process data according to Requirements Interchange Format (ReqIF) standards as published by the Object Management Group. These services provide Jama Connect with the ability to import and exchange data with IBM® DOORS® and other ReqIF-supported products.

Key Solution Benefits

With Jama Connect for Airborne Systems, you can:

- Increase confidence and decrease time to value with an established scope and direct alignment of requirements
- Reduce deployment time with defined and justified configuration and export templates
- Adapt Jama Connect to meet the unique needs of your organization with flexible system and template modifications
- Trace verification procedures to requirements, run test cases, and log connected defects to ensure quality across the systems engineering process
- Import, export, and update data to create an ongoing exchange of requirements with external teams throughout the development process
- Reduce deployment time with defined and justified configuration and export templates aligned to your airborne systems engineering teams
- Accelerate adoption and reduce the impact of change to your teams, with training aligned to your people, processes, and data

Optimize Success for Your Organization

When you purchase Jama Connect for Airborne Systems, 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 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 airborne systems development
- Onsite workshop or remote working sessions focused on alignment of processes to governing standards ARP4754, DO-178C/ED-12C, and DO-254/ED-80
- Consultants partner 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 will work 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.