

 **jama connect® + isograph**

Isograph Integration: Ensure Data Consistency and Accuracy to More Easily Meet Regulatory Requirements

Providing an integrated solution for complex product development to optimize safety, security analysis, and requirements management.

Integration Overview

The strategic partnership between Jama Software® and Isograph empowers organizations to meet their regulatory obligations by seamlessly linking requirements management with their safety and security analysis models. Integration ensures that product design teams comply with safety and security standards such as ISO 26262, ISO 21434, J3061, DO-356, ED-203, ARP4761, and IEC 61508.

Isograph's Reliability Workbench and AttackTree products are seamlessly linked to Jama Connect® ensuring the consistency and integrity of data. This enables the automation of requirements management linkage to safety and security methods such as fault and attack tree analysis, FMEA (failure mode effect analysis), and hazard assessment.

Reduce the Effort Required to Ensure Safety and Security Are Met

Product and design teams can dramatically reduce the effort required to ensure that safety and security targets are met. Changes to requirements in Jama Connect are directly flagged in the safety or security model. Changes in the safety and reliability models that affect key requirements parameters are flagged in the associated items in Jama Connect.

Links between items in Jama Connect and Isograph safety or security models are achieved using the Data Link Manager. There is full flexibility in allowing any item parameters in Jama Connect to be connected to any safety or security element parameter in Isograph's products. Data flow can be Isograph to Jama Connect, or Jama Connect to Isograph.

ISOGRAPH + JAMA CONNECT® KEY BENEFITS

- **Speed Development**
Automate the transfer of requirements between Jama Connect and Isograph to speed up development and synchronization
- **Resolve Issues**
Maintain links and apply consistency checks to more quickly resolve issues arising from changing requirements or updates
- **Ease Validation**
Verify quantitative goals and requirement coverage for validation during product development
- **Avoid Redundancies**
Eliminate the unnecessary repetition of data to avoid redundancy which saves time and re-work



- Product Development Teams
- Test Engineers
- Network Designers

Benefits of the Integration

Jama Software's industry-leading platform, Jama Connect, helps teams manage requirements with **Live Traceability™** through the systems development process for proven cycle time reduction and quality improvement. By partnering with Isograph, customers can leverage an integrated solution that can be used to synchronize requirements management and provide product safety and security analysis for their models.



Isograph's integrated software products provide a powerful and comprehensive suite of tools to solve complex reliability, safety and availability problems. These products have been in continuous development since 1986 and are used across the globe by companies ranging from the smallest consultancies to the largest multi-national corporations.

Isograph's software is used in over 1900 companies, across 12,000 sites in 75 countries. We're ISO 9001 & Cyber Essentials certified.



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, visit us at: jamasoftware.com.