



## Collaborative Planning, Validation, and Alignment for Cybersecurity with Jama Connect® for Automotive

The growing focus on software-defined vehicles (SDVs) with complex networks and reliance on software for essential functions is creating numerous potential vulnerabilities. Many organizations attempt to address their cybersecurity needs with specialized teams using siloed processes and outdated tools. This results in a lack of understanding of the impact of changes, increased communication burdens, and confusion due to differing processes and terminology. Consequently, development slows down, and defects remain undetected until late in the process or not at all, leading to potentially disastrous and costly outcomes in the event of a successful attack.

Jama Connect® for Automotive offers cybersecurity capabilities for developing some of the necessary work products to help you comply with ISO 21434 for cybersecurity management. It covers everything from creating a cybersecurity plan, to performing threat analysis and risk assessment (TARA) with automatic risk calculation, to planning and validation of the work products for your cybersecurity case. The solution also ensures alignment with internal safety, security, and engineering teams.

### KEY BENEFITS:

- **Reduce risk through alignment and collaboration of specialized teams**  
Take a holistic, collaborative approach that enables security, safety, and engineering stakeholders to review documentation, identify vulnerabilities, share insights, and mitigate new threats.
- **Remove the guesswork from your threat analysis**  
Automatically calculate the risk score for a particular threat analysis utilizing integrated Excel functions in Jama Connect Interchange™, an add-on to Jama Connect.
- **Understand coverage and identify gaps**  
Traceability and verification coverage analysis metrics, dashboards and reports provide easy, high-level visibility to understand progress, identify gaps in plans, and provide documentation to auditors.
- **Launch projects faster through reuse**  
Easily construct a library for reuse of requirements and tests to avoid costly repetition when launching a new project.

### What's Included

**Jama Connect for Automotive includes the following cybersecurity elements:**

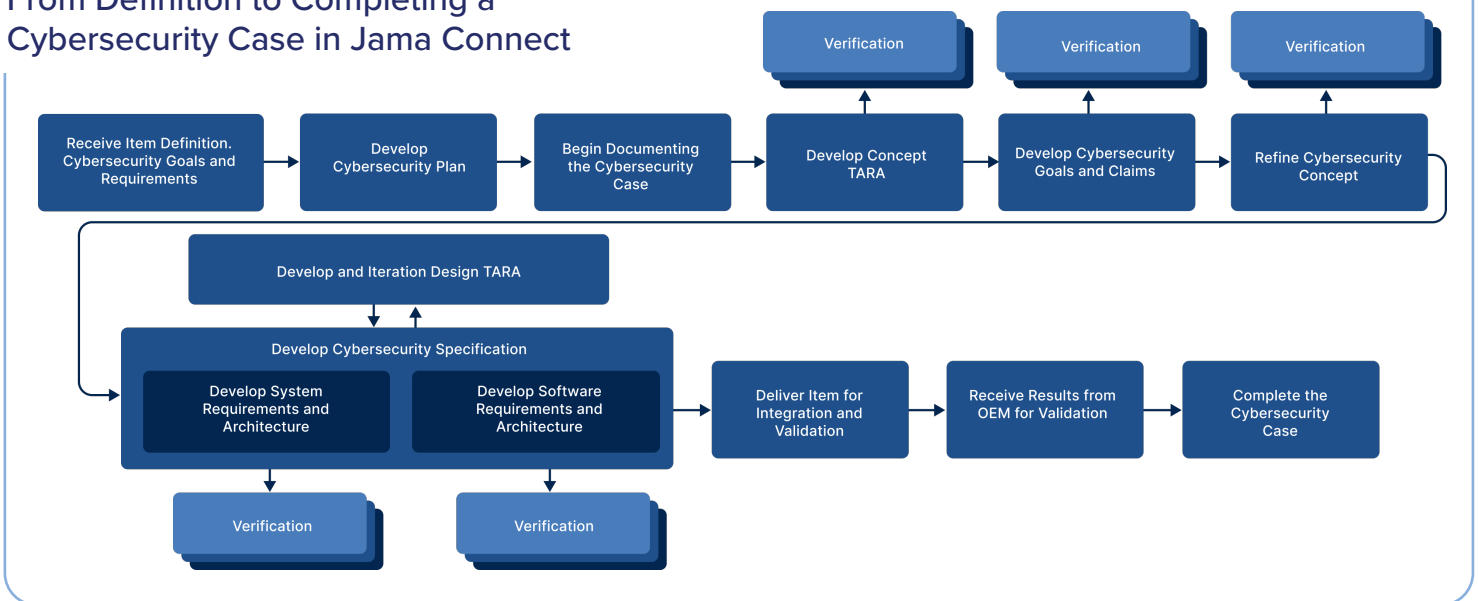
- Cybersecurity diagnostic
- Template for a cybersecurity plan
- Threat Analysis and Risk Assessment (TARA) template and example
- TARA report
- Configuration for a cybersecurity concept
- Template and configuration for managing a cybersecurity case
- Progress monitoring of completion of cybersecurity work products
- Procedure guide and configuration guide for cybersecurity
- Walkthrough configuration videos and webinars

We also offer Jama Connect Interchange™ which enables automatic risk calculation for threat analysis. This replaces having to manually determine and enter your risk score. In addition, to help customize your cybersecurity solution, consultation with an expert is available through the Jama Success Program's service offerings. Each of these are designed to help you achieve your business goals and can be purchased separately to suit your unique needs.

## What It Enables You to Do

- Gain alignment between specialized teams and reduce the risk of oversight by synchronizing workflows, sharing insights, and identifying vulnerabilities from multiple perspectives—allowing for a more holistic approach that considers both security and safety to ensure the right solutions are in place early.
- Iteratively construct your TARA with full traceability to mitigation and verification, and easily construct a library to reuse with each project. Use traceability views to understand progress and coverage, and then export a fully formatted report with a single click.
- Utilize integrated functions to automatically calculate the risk score for a particular threat analysis, removing the guesswork from the equation.
- Review your cybersecurity documentation collaboratively with cross functional stakeholders in real time—complete with traceability—to ensure that the right solutions are in place early in the project lifecycle. Quickly understand the impact of a new threat and make sure the right parties are involved to mitigate it.
- Keep visibility at the highest level with coverage analysis metrics and dashboards, allowing gaps to be easily identified, and progress against the full cybersecurity case visible. Easily prepare all documentation and traceability necessary for auditors, using Live Traceability™ in Jama Connect which eliminates the need to back fill any necessary connections.

## Automotive Cybersecurity: From Definition to Completing a Cybersecurity Case in Jama Connect



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](http://jamasoftware.com).