

## Validate, Adapt, and Collaborate Faster with Jama Connect Defense Software-Intensive Systems Framework

Developing modern defense systems is a monumental challenge, as these heavily regulated projects increasingly rely on complex software architectures for mission-critical functionality, coordination, and control. When teams attempt to manage requirements, design, and change decisions using disconnected documents, spreadsheets, and siloed repositories, the results are often costly rework, scope creep, and misalignment between stakeholders. This approach makes it incredibly difficult to maintain visibility from early mission requirements through deployment, complicating vital tasks like frequent software updates, patch management, and long-term sustainment planning.

Jama Connect Defense Software-Intensive Systems framework provides a unified, data-centric environment that bridges the gap between systems engineering and agile software development. By establishing a digital thread for systems engineering with Live Traceability™ across your entire ecosystem, the framework ensures that the constantly evolving, contextualized needs of the warfighter are communicated clearly and instantly to software developers. This dynamic visibility allows program managers to make informed decisions and adapt quickly to shifting mission parameters, ensuring hardware and software teams stay aligned when following complex standards like MOSA, FACE, and CMOSS. Reasonable AI for requirements and tests can radically increase the speed of development.

Jama Connect fosters a collaborative, secure, and efficient environment that enables organizations to maintain a competitive edge while achieving their operational objectives with confidence.

### KEY BENEFITS

#### Accelerate Validation of Warfighter Needs

Empower the warfighter to collaborate earlier in the development lifecycle, ensuring the final system accurately reflects their operational realities on the ground.

#### Adapt Swiftly with Live Traceability

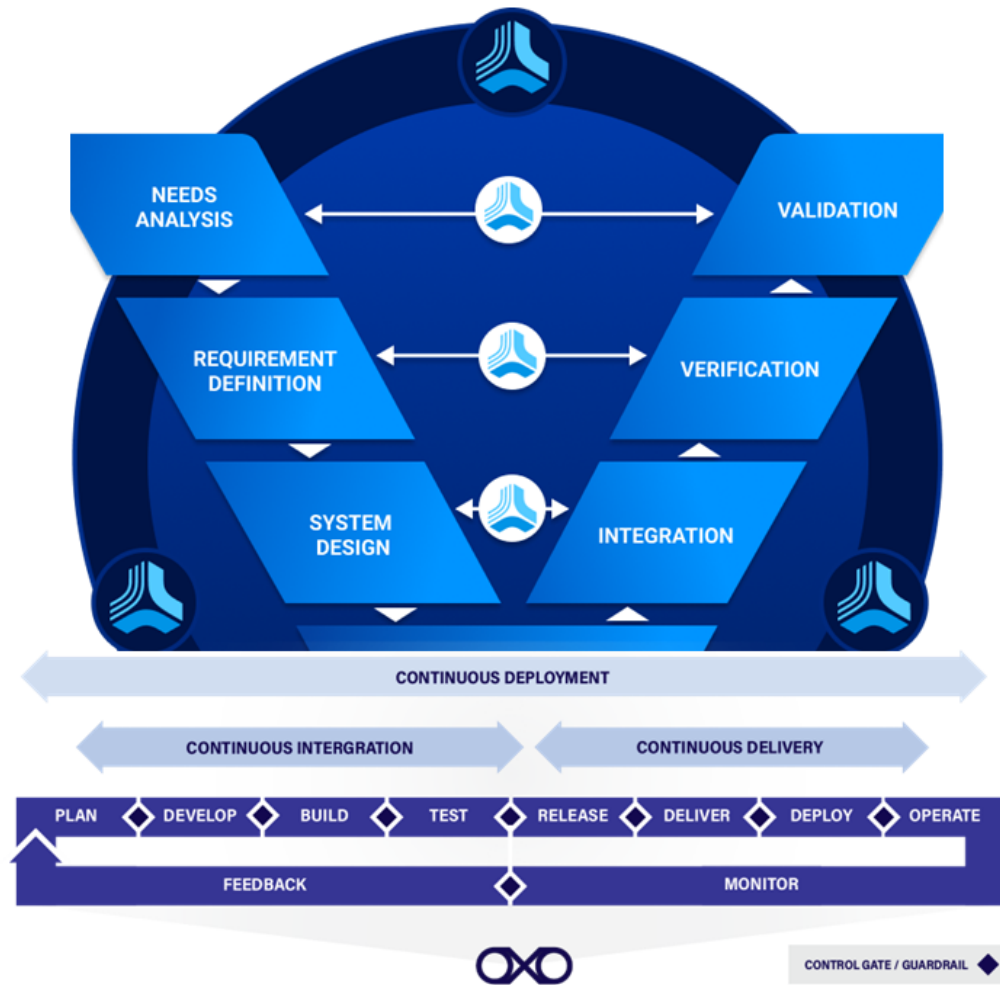
Create trace between code and requirements at the moment implementation occurs. This eliminates end-of-cycle trace construction and reduces audit preparation effort.

#### Ensure Visibility and Reporting

Customizable dashboards and reporting provide clear visibility into project progress, enabling informed decision-making at every stage.

## What the Framework Contains

Built on a V-Model overlaid with a modern CI/CD pipeline, this comprehensive, out-of-the-box configuration equips your organization with everything needed to manage requirements and design through to testing. The framework includes a dedicated defense software framework featuring pre-configured item types, pick lists, views, and relationship rules carefully aligned with defense agile systems. In addition, it contains supporting agile process workflows, sample projects, and CI/CD integration best practices, giving your team the visual and numerical insights required to confidently navigate complex development lifecycles. This framework is available as part of the Space & Defense dataset.



To learn more about how the Jama Connect Defense Software-Intensive Systems framework can enable you, visit [www.jamasoftware.com](http://www.jamasoftware.com)



Jama Software is focused on accelerating product velocity with AI-driven development across multidisciplinary engineering organizations. Using Jama Connect, engineering organizations can now adopt AI-driven development while intelligently managing the complexity and compliance of parallel development, automated pipelines, and industry standards. Our rapidly growing customer base spans aerospace & defense, automotive, medtech & life sciences, semiconductor, industrial manufacturing, consumer electronics, infrastructure, robotics, and energy. For more information about Jama Connect services, please visit <https://www.jamasoftware.com>.