



# jama connect Advisor™

Fast, accurate product requirements authoring with Natural Language Processing (NLP)

## Well-written requirements are critical for the successful development and market acceptance of products and systems.

Successful product delivery starts from having the right user needs and requirements. Efficient, precise, and professionally written requirements form the foundation of the product development process so that various teams (design, software, and hardware systems) can all work together with a shared and clear understanding of the project goals.

Jama Connect Advisor™ is a state-of-the-art requirements authoring guide and optimizer powered by natural language processing for engineering that helps a system engineer, or a product developer, write effective, well-organized requirement specifications based on industry-accepted **INCOSE** (International Council on Systems Engineering) rules and the **EARS: Easy Approach to Requirements Syntax**, originated by **Alistair Mavin**.

## Reduce Late-Stage Errors and Streamline Development

Requirement errors in complex product development can consume between 70 and 85 percent of all project rework costs. Better requirements authoring reduces late-stage development errors streamlining testing and validation in meeting user needs.

### Relative Cost to Correct a Requirement Error\*

Stage Error Is Discovered	Relative Cost to Correct
Requirements Development	1x
Design	2-3x
Construction	5-10x
System or Acceptance Test	8-20x
Operation	68-110x

\*Karl Wiegers, Principal Consultant Source: Process Impact

## Why Use Jama Connect Advisor?

- Improve the quality and usability of your requirements.
- Save time authoring, reviewing, and updating requirement statements.
- Continuously enhance team requirement authoring skills with regular use.
- Deliver programs and projects on time and on budget with long-term success.

## With Jama Connect Advisor, teams can:

- Leverage natural language processing for efficient assessment of alignment to industry-leading practices for requirements authoring based on INCOSE Rules and EARS Notation: The Easy Approach to Requirements Syntax.
- Get advice delivered during the authoring task, and directly within Jama Connect to optimize workflow efficiency.
- Have a direct integration within Jama Connect® cloud as an add-on capability.

## Key Benefits

### Authoring Guidance Based on Systems Engineering Industry Leading Practices, INCOSE Rules, and EARS

INCOSE rules and EARS have been crafted to work together to dramatically increase the quality, accuracy, and efficacy of your product requirement statements, reducing product development risks, thus helping teams meet and exceed user requirements and accelerate program on-time delivery:

- Increase requirement clarity up front to minimize the chance of authoring errors that may cause an increased risk of late-stage issues or rework.
- Streamline development team success, standardizing the way your organization's requirements are written. Enable dramatic efficiency, shortening new product development time to reduce time-to-market.
- Helps prevent misinterpretation of requirements for downstream teams which can prevent errors in design, testing, and validation.

### Clear, Easy-to-Interpret Guidance

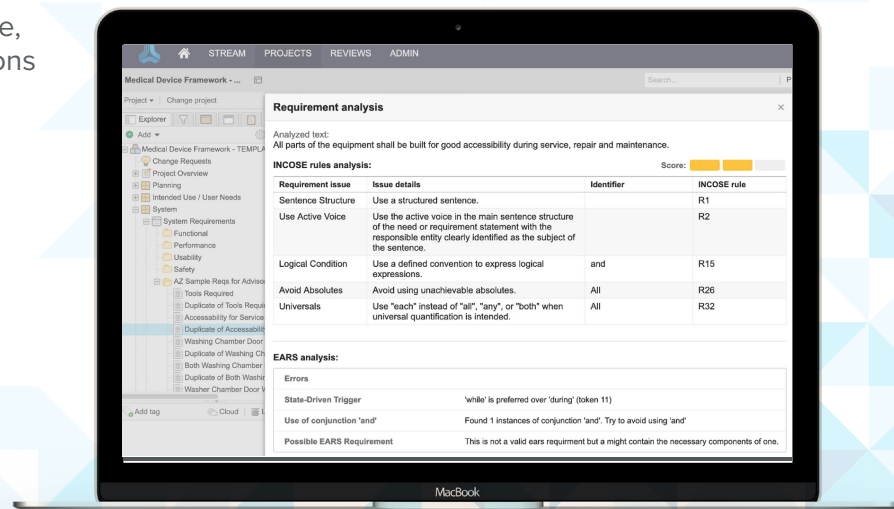
Jama Connect Advisor includes direct, online, individual-statement improvement suggestions to optimize the quality and accuracy of requirements statements.

### Optimized User Experience

Contemporary, purpose-built, intuitive, optimized user interface.

Fully integrated in Jama Connect cloud:

- Fast, easy access to advice reporting.
- Work directly in Jama Connect content authoring and editing.



### Jama Connect Advisor Adheres to Jama Connect® Security Protocols.

Built on Jama Software's Secure and Scalable Cloud Platform



Data transferred is secured and encrypted



Jama Connect Advisor is hosted by SOC2 Type 2 certified web service



Ensures strong privacy management practices



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).