



Intelligent Engineering Management with Jama Connect® Live Trace Explorer™

Automate Traceability Analysis and Risk Detection to Improve Visibility and Action Taking

Adhering to systems engineering best practices, industry standards, and even governmental regulations requires an organization's product and engineering teams to have the most up-to-date and complete information across all phases of a product's lifecycle.

To achieve this, companies have historically relied on disparate data sources, informal communication, inefficient meetings, and loosely coupled data sources, which result in unsuccessful attempts to deliver timely insights into the development process and potential risks to success.

Live Trace Explorer™ in Jama Connect® brings comprehensive and detailed insights into your complex product, systems, and software development processes – automating the measurement of requirements traceability and coverage across disciplines and your organization's toolchain.

This level of visibility helps eliminate the biggest frustration for engineers – rework due to out-of-date information; and the biggest fear for engineering leadership – that the greatest risks to a project are unseen until it is too late.

Automate Risk Detection

Continually monitor sources of risk such as changed and late requirements, requirements not addressed downstream, missing test cases, and more.

Assess Traceability at Any Stage

Traceability must reflect the latest changes and their impact to avoid inaccuracies that could lead to a false sense of confidence or chaos. Live Trace Explorer continually calculates the overall project Trace Score™, measuring the comprehensive requirement and test coverage at all stages of product development to present the latest, most accurate information.

Optimize Product Development Without Changing Your Toolchain

Engineers across disciplines can continue to work in their chosen, best-of-breed tools for software development, test management, and other functions while accessing the most up-to-date information.

Move from Analysis to Action

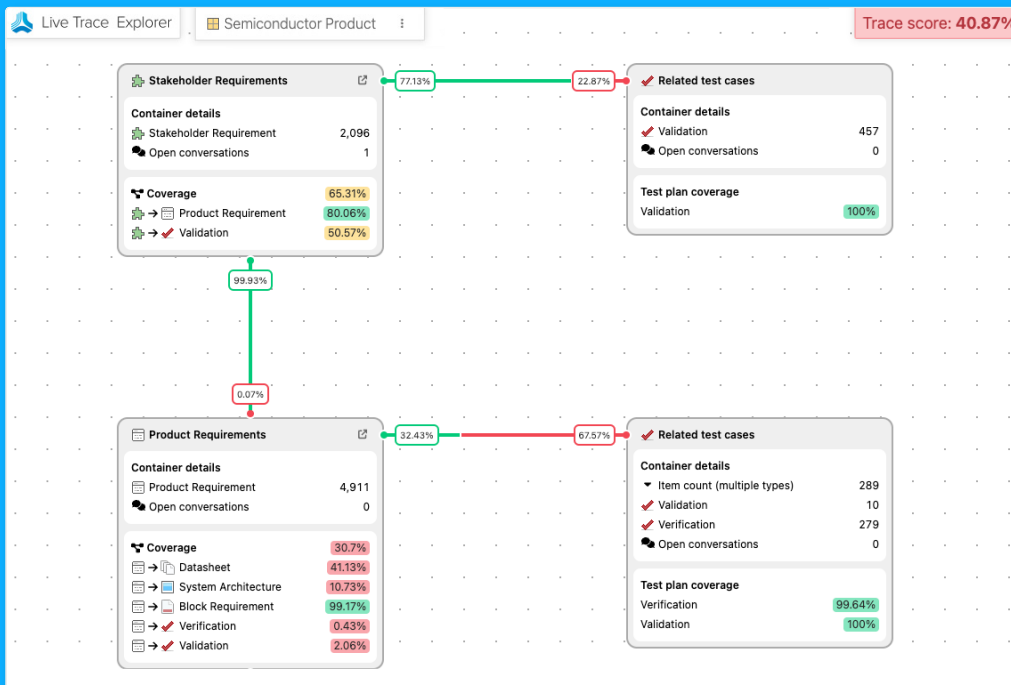
Failing to discover and address issues in a timely manner causes delays. Avoid costly rework and accelerate project cycle times through improved visibility and pathways to correct gaps in traceability earlier in the product development process.

How It Works

Live Trace Explorer provides an at-a-glance snapshot of the traceability of your product development process to help you quickly and easily evaluate coverage, address any gaps, and proactively manage associated risks by answering two key questions:

- 1. How complete is my traceability?** Completeness is measured by comparing the real-time progress made on requirement decomposition versus what was expected to determine the coverage percentage and overall Trace Score.
- 2. What is the quality of my traceability?** Paths between any two tiles represent all of the relationships that exist between the items of those two tiles. Suspect links appear red to let you know the quality of traceability in your project is at risk.

Here's an example of Live Trace Explorer highlighting the overall Trace Score for the product while providing further detail within the tiles to identify specific areas that are at more risk than others.



Live Trace Explorer™
in Jama Connect®
brings comprehensive
and detailed insights
into your complex
product, systems, and
software development
processes.

To learn more: If you are a Jama Connect customer, please contact your administrator. If you are not yet a customer, sign up for your free trial at: www.jamasoftware.com/trial



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.