



REQUIREMENTS REUSE HELPS MAJOR SEMICONDUCTOR MANUFACTURER STREAMLINE MOBILE TECHNOLOGY PROJECTS

More than 2,100 engineers, designers and stakeholders accelerate product development using Jama.

As a global leader, this Fortune 100 Company has made its mission to extend its leadership in mobile technologies, the fastest growing segment in its industry.

THE CHALLENGE

The company’s mobile technology development teams are located around the world. They work on three to five advanced, parallel projects, with each project lasting from six months to a year. Like many design and development projects, these related projects share functionality.

In fact, there was as much as 50 percent exact reuse from project to project, and even more that could be commonly shared among teams, creating redundant workflows. However, with a single configuration driving up to many parallel configurations across projects, the mobile groups saw urgency for the ability to reuse requirements and not have to continue to reinvent them.

In addition, significant resources had been invested in creating an integrated mobile platform model to support multiple product types. Because of this, it was vital to the success of those products to be able to trace elements and information during development cycles.

The teams saw an opportunity to streamline their project schedules, optimize workloads and reduce project costs. To do so, they needed a robust requirements management solution.



RESULT SUMMARY

- Reduced project costs
- Accelerated product development — from three people working six months to one person working one month
- Reuse of up to 50% of development and design requirements
- Traceability of configurations and vital information across projects

THE SOLUTION

One team's success story with Jama quickly spread throughout the mobile development group. Jama is now a part of their reference design, becoming the standard in requirements definition and management across the business unit.

According to Michael G, a requirements engineer, "The reuse capabilities in Jama help us accelerate mobile product development. We estimate this will save us a tremendous amount." The team has created a library of shared components, which consists of requirements, use cases and test cases. This has enabled the team to dramatically shorten the time it takes to get a design through the planning stage and into product development. Reuse helps them define projects, identifying which requirements are applicable to each generation. With Jama, they've also seen continuous improvement across project maturity levels.

RESULTS

With Jama, teams can create a set of assets once and reuse those assets across projects —eliminating the need to reinvent and reducing the threat of inconsistencies in standards. Jama has also enabled continuous improvement across types of projects and streamlined project management.

"What used to take three people six months to do now takes one person just one month."

- Michael G.,
Requirements Engineer

Now because of the ability to reuse a significant amount of development and design requirements, project schedules have been drastically reduced, enabling teams to bring products to market much faster. According to one requirements engineer, this reuse capability has also reduced the cost of development, saving time and money across projects.

In addition, traceability helps designers and engineers find and fix errors throughout and across projects, tracing the ripple effects and visible relationships within product development.

Jama has helped this Fortune 100 Company bring products to market faster while ensuring quality and cost-effectiveness.

ABOUT JAMA SOFTWARE

Jama Software is the definitive system of record and action for product development. The company's modern requirements and test management solution helps enterprises accelerate development time, mitigate risk, slash complexity and verify regulatory compliance. More than 600 product-centric organizations, including NASA, Thales, Boeing and Caterpillar have used Jama to modernize their process for bringing complex products to market. The company is headquartered in Portland, Oregon. For more information, visit <http://www.jamasoftware.com>.