



CUSTOMER STORY

Semiconductor Giant Streamlines Mobile Technology Projects With Jama Connect®

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

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.

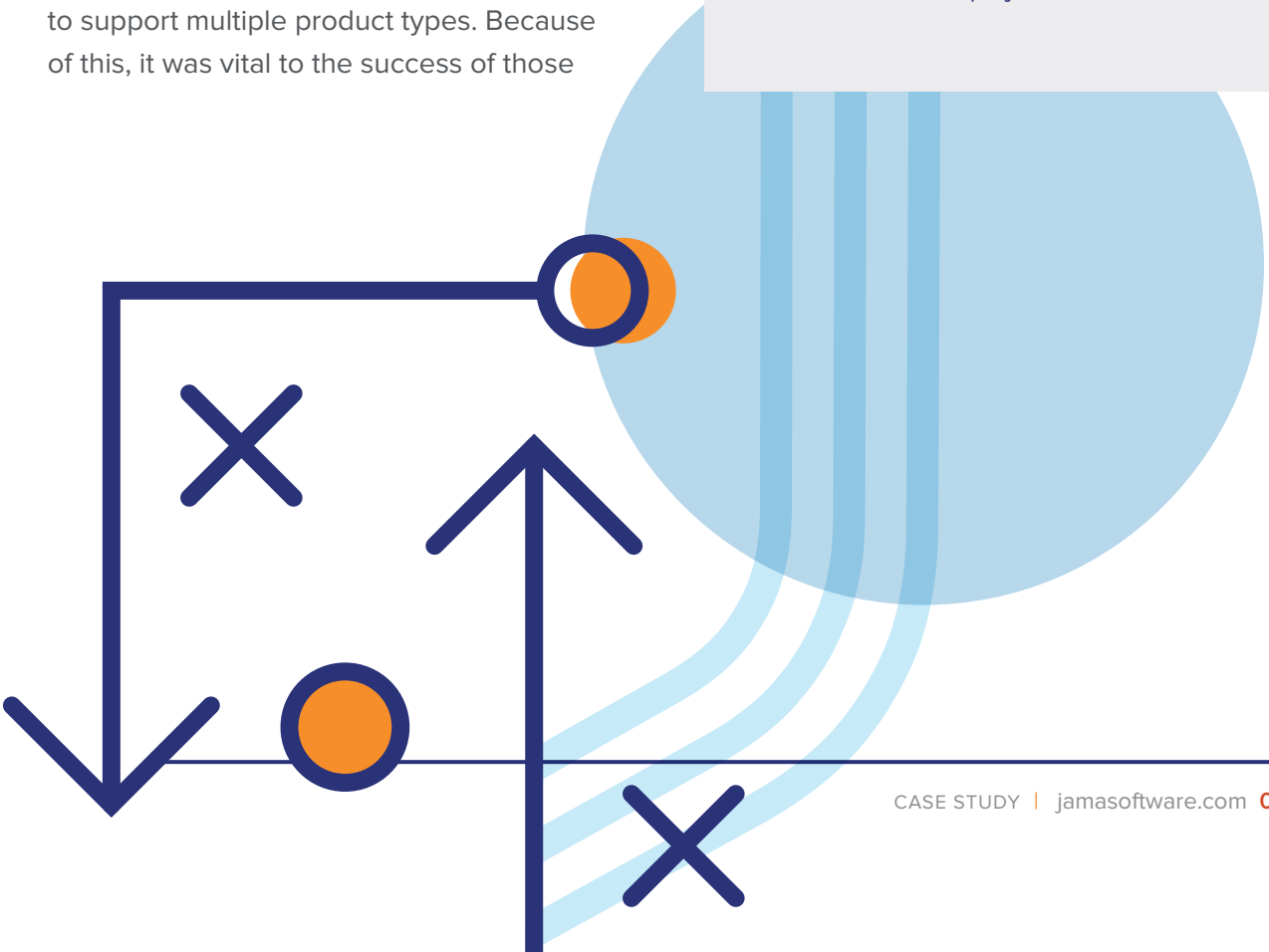
In fact, there was as much as 50% exact reuse from project to project, and even more that could be commonly shared among teams, creating redundant workflows. However, with a single configuration driving many parallel configurations across projects, the mobile groups saw a need for the ability to reuse requirements and avoid having to continually 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.

RESULTS 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 Connect 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.

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 Connect, they've also seen continuous improvement across project maturity levels.



The reuse capabilities in Jama Connect help us accelerate mobile product development. We estimate this will save us a tremendous amount.”

Michael G., Requirements Engineer



Results

Using Jama Connect, 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.

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.



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

Michael G., Requirements Engineer



ABOUT JAMA SOFTWARE

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.