



Hirschmann Customer Success Story

Hirschmann chose Codebeamer to ensure traceability and compliance with ISO 16949 and automotive SPICE standards



Hirschmann Car Communication selected Codebeamer as a Project Lifecycle Management solution that enables collaboration among employees at all remote locations, and helps ensure that all internal processes are compliant with standards such as automotive SPICE

Problems & Challenges

Prior to introducing Codebeamer as an integrated ALM solution, the company was using MS Office to manage requirements and development, resulting in huge numbers of Excel spreadsheets and Word documents, with virtually no traceability, change management and no approval process. Hirschmann was in need of an integrated ALM platform to achieve complete traceability throughout the lifecycle, to reduce defects, and to implement adequate QA processes in order to comply with mandatory standards more efficiently.

As a TIER 1-2 level automotive industry supplier, Hirschmann Car Communication needs to comply with ISO and SPICE standards, manage the requirements of OEMs, and trace the entire production lifecycle. Due to the complexity of the processes involved, this is a real challenge for all automotive suppliers.

Solution

Hirschmann Car Communication evaluated a number of Application Lifecycle Management (ALM) solutions based on criteria including technical requirements, security, and traceability, as well as the reputation of software providers and the usability of their software. As a result of the evaluation, Hirschmann decided to implement Codebeamer. The functionality covers Requirements Management, Change Management and QA & Test Management to ensure gapless traceability for all customer-generated requirements along the entire development cycle. The total system usage is now companywide with more than 200 users, and Codebeamer is in mission critical use.

Benefits

Hirschmann Car Communication has benefited from the implementation of Codebeamer solution in many ways. The company has achieved full traceability in their software development projects, which was the primary goal. Hirschmann has also profited from:

- Direct access to the vendor/developer of Codebeamer
- Easier customization and support availability
- Integration via APIs and WS to other internal/external systems
- Limited consulting and training effort during the implementation thanks to Codebeamer's user-friendly architecture & UI
- Codebeamer's affordability and competitive total cost of ownership
- Codebeamer's previous automotive experience with OEMs and TIER-X suppliers
- Project monitoring, task management, and status reports are supported

Codebeamer Integration Points

As a flexible, easily configurable Application Lifecycle Management solution, Codebeamer comes with several integration points out of the box, while its REST API allows you to build your own integrations. By default, Codebeamer handles the round-trip exporting and importing of MS Office documents (Excel, Word), is integrated with IBM DOORS, Enterprise Architect, and offers ReqIF file support. What's more the system also offers a seamless JIRA® sync function to ensure data consistency across platforms.

About Hirschmann Car Communication GmbH

Hirschmann Car Communication GmbH, based in Neckartenzlingen, near Stuttgart, Germany, is one of the leading providers of transmission and receiver technologies for mobile communication. The portfolio includes antenna, tuner and infotainment systems for the automotive industry as well as customized M2M and telematics solutions. Hirschmann Car Communication has locations in Germany, Hungary, France, China and the USA. In 2012, the company generated a revenue of €127 million with a global workforce of more than 800 employees. Since 2012, Hirschmann Car Communication belongs to VOXX International Corporation (USA). Further information can be found online at www.hirschmann-car.com or at www.hirschmann-solutions.com.

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About Codebeamer

Codebeamer is an Application Lifecycle Management (ALM) platform with unique configurability and product line configuration capabilities.

Codebeamer X is an integrated Engineering Lifecycle Management (ELM) platform for life sciences companies with regulatory process & compliance support.

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