



PTC Codebeamer for Product and Software Innovation

Today, product value is increasingly delivered through software. For example, the average automobile runs on over 100 million lines of code¹.

Codebeamer is a new generation Application Lifecycle Management solution for product and software engineering teams. This open platform combines requirements, risk, and test management with agile engineering capabilities. Simply put, Codebeamer accelerates software delivery while simplifying regulatory compliance.

Full Lifecycle Support

Codebeamer manages the complete software lifecycle from initial idea through design, development, testing, deployment, and ongoing change management. It provides comprehensive support for all engineering disciplines, including software, systems, electrical, and mechanical. It empowers both engineering and non-engineering teams to:

- **Establish a common product development process**
- **Define and govern requirements**
- **Manage risk and quality**
- **Efficiently deploy software**
- **Comply with industry regulations**
- **Connect disparate teams**

Domain Knowledge Out-of-the-Box

Codebeamer excels at supporting industries with big ideas and stringent regulatory requirements: automotive, aerospace and defense, medical, and pharmaceutical. Hit the ground running using predefined yet flexible templates with deep knowledge of your industry. Quickly respond to queries using powerful forwards and backwards traceability. Safeguard strategic software assets and adopt industry-specific best practices with minimal effort. Codebeamer

supports dozens of industry standards, guidelines, and regulatory requirements—so you can respond to audits with confidence.

Innovation at Scale

Whether your team follows an Agile, Waterfall, Scrum, or Hybrid process, Codebeamer has you covered. Visualize and manage tasks with Kanban boards. Analyze team performance using burndown and KPI charts. Or create custom team metrics to keep everyone informed, aligned, and focused on the highest priorities.

Intuitive, Flexible, and Extensible

Codebeamer's rich feature set is so deeply configurable that it's hard to believe it's all in one platform. Customize permissions, features, workflows, work items, and more. Codebeamer integrates seamlessly with third-party development tools and can be used to augment, partially replace, or fully replace legacy toolchains. The result: an intuitive, simplified user experience that empowers teams to focus on innovation instead of tooling.



"In the end... Codebeamer won out. It was more intuitive. It had a better interface, and it was easier to learn.

Performance-wise, Codebeamer delivered great performance around the world. It could inject and pull data much better than DOORS ever could. And the traceability browser is probably the easiest we've seen."

– **IT ALM Engineering Manager, Veoneer**



"With the rise of software-defined products, particularly in safety-critical industries, requirements undergo

rigorous testing and validation to meet regulatory standards. Solution providers must equip end users with extensive test management abilities to ensure the highest product quality through automated systems that reduce human error. PTC achieves this with one of the best-in-market testing and validation management capabilities that extend throughout the product lifecycle for full product traceability to ensure functional safety. Further, the Company provides one of the most robust suites of ALM solutions and capabilities, enabling full traceability between all disciplines. This distinguishes PTC from many other providers in the software lifecycle management space."

– **Michael Azoff, Omdia Universe**



"We needed to capture customer needs and trace them down to product requirements, down to design, tests,

and source code. Codebeamer was the only tool that allowed us to do that in a smooth way... We have completely re-shaped our processes and have used Codebeamer as the instrument to drive that change."

– **Engineering Manager, Medtronic**



"PTC's ALM portfolio of solutions delivers an enterprise-ready, scalable software solution far beyond simple

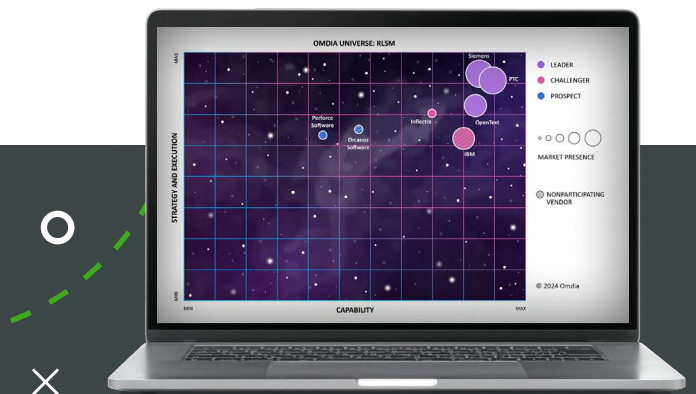
requirements management, making it a true end-to-end solution. Additionally, Codebeamer's built-in Agile capabilities drive fast and efficient software development - even for large organizations with thousands of employees and varied product lines. In safety-critical industries with increasing software demands, being able to deliver high-quality software quickly is essential."

– **Craig Brown, Executive Consultant CIMData**

1. <https://spectrum.ieee.org/this-car-runs-on-code#toggle-gdpr>

Get Started with Codebeamer Today

Schedule your demo with a Codebeamer expert today and learn more about how we can support your product development.



Award Winning, Market Leading

PTC was named a Leader in Omdia's 2024 Regulated Software Lifecycle Management Assessment.