



TRANSITION
TECHNOLOGIES



windchill®



codebeamer™

The background of the slide is a deep purple color. It features a large, faint graphic of interlocking gears and circuitry. In the center-right, a hand is shown with the index finger pointing upwards, as if interacting with a digital interface. The overall theme is technology and engineering.

Seamless integration of Windchill and Codebeamer: Comprehensive product lifecycle management

ALM & PLM in one system – optimize your
product lifecycle

Why is this integration truly seamless?

Seamless integration isn't just a buzzword—we make sure **Windchill** (PLM) and **Codebeamer** (ALM) **work in perfect harmony**. Here's how:



OSLC-based integration

Connect components and requirements in real time.



Bi-directional traceability

Any change in one system instantly reflects in the other.



Proven implementation methodology

Smooth transition with minimal disruption.



Expert support from TT PSC

Your trusted guide throughout the entire integration journey.

Unlock the future of product development

The ability to develop cutting-edge products efficiently is a competitive advantage in today's fast-paced industries.

PTC Windchill (PLM) and **PTC Codebeamer (ALM)**

offer a seamless, end-to-end solution that connects hardware and software development, ensuring smooth collaboration across teams and enhancing product lifecycle management.

Struggling with fragmented workflows, compliance challenges, or slow product launches?

Integrating ALM and PLM can transform your development process—boosting efficiency, ensuring traceability, and accelerating time-to-market.



The benefits of a unified ALM + PLM solution



End-to-end product lifecycle management

From initial design to production and beyond—achieve full product lifecycle control.

By integrating PLM and ALM, organizations achieve end-to-end visibility across all aspects of development, ensuring streamlined collaboration between engineering and IT teams.



Improved traceability & compliance

Never lose sight of critical changes and regulatory requirements.

With bi-directional traceability, changes in one system are automatically reflected in the other, ensuring full compliance with automotive, aerospace, MedTech, and defense industry regulations.



Enhanced cross-team collaboration

Eliminate silos and miscommunication with a unified digital thread.

With OSLC-based integration, Codebeamer and Windchill allow real-time linking of components and requirements, enabling cross-functional teams to work in sync.



Increased efficiency & faster market entry

Adapt quickly to evolving market demands and customer needs.

A combined ALM-PLM system enables companies to react faster to changes, reduce errors, and bring high-quality products to the market faster.

_Designed for industries where accuracy matters, such as:



Automotive

Meet safety and compliance standards efficiently.



Aerospace & Defense

Ensure security and traceability across complex projects.



Heavy industry

Optimize production processes and resource management.



Medical devices

Maintain strict compliance with regulatory frameworks.

_How to make Windchill & Codebeamer integration effortless?

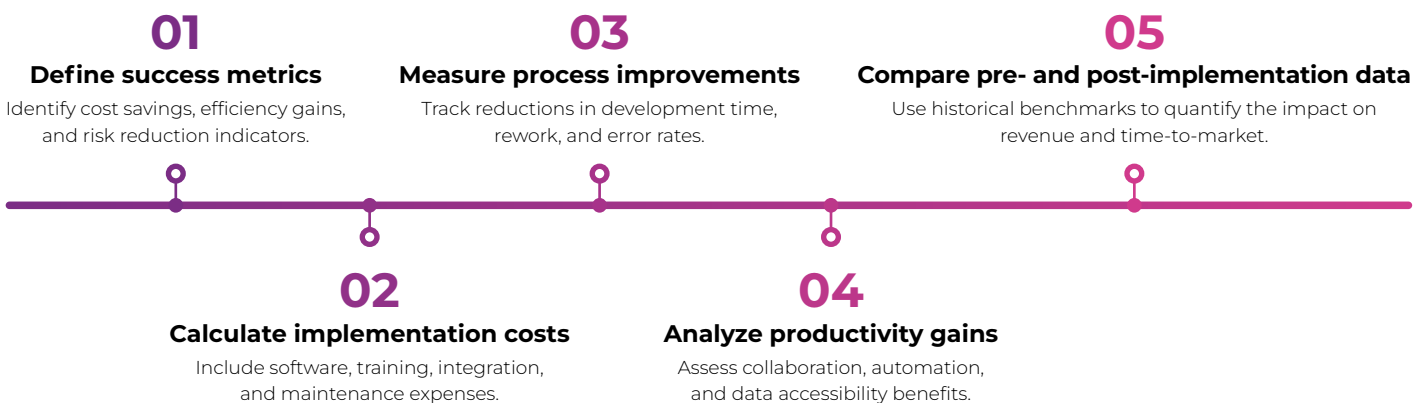
For a truly seamless connection between ALM and PLM, follow these essential steps:

- 01 Define integration goals**
Pinpoint pain points and set clear success metrics.
- 02 Map data flows**
Ensure smooth and logical information exchange.
- 03 Leverage OSLC connectors**
Enable real-time collaboration with built-in tools.
- 04 Ensure traceability & compliance**
Set up bidirectional linking for full visibility.
- 05 Test & validate**
Run pilots, iron out inconsistencies, and ensure flawless deployment.

Not sure where to start? Let's craft the perfect integration strategy together – **[contact us today!](#)**

_How to measure ROI for ALM and PLM integration?

To accurately assess the return on investment (ROI) of your ALM and PLM implementation, follow these key steps:



Looking for expert guidance on integrating Codebeamer and Windchill?
Learn more about our [**PLM integration offer here!**](#)

Trusted Us



SCHAEFFLER

SOLARIS

SaMASZ

AIRBUS
HELICOPTERS

SEG
AUTOMOTIVE

GENTHERM

Codebeamer & Windchill: A Powerful Duo

It's no secret that organizations are under pressure to bring innovative products to market quickly while ensuring high quality and compliance. Here comes **Codebeamer** and **Windchill** duo.

This powerful combination provides a holistic approach to product development, blending software development strengths with complete visibility across the entire product lifecycle.



Understanding Codebeamer

Codebeamer is a powerful Application Lifecycle Management (ALM) platform designed to streamline complex development processes. It enhances ALM with advanced product line configuration and unparalleled flexibility. Key capabilities include:

- ✓ **Requirements management**
Maintain transparency, traceability, and seamless team collaboration.
- ✓ **Agile & scalable development**
Leverage Kanban boards, burndown charts, and agile workflows to boost efficiency.
- ✓ **Comprehensive test & risk management**
Oversee test cases, execution, and results while proactively identifying and mitigating risks.
- ✓ **Regulatory-ready templates**
Simplify compliance with industry standards.
- ✓ **Full traceability & integration**
Seamlessly connect requirements, code, and tests for complete lifecycle visibility.

With its robust features, Codebeamer empowers teams to manage development efficiently while ensuring compliance and quality.

Want to know more?
[**Discover our ALM services here**](#)

Understanding Windchill

Windchill is PTC's powerful Product Lifecycle Management (PLM) solution, designed to manage every stage of a product's lifecycle—from concept to retirement. It provides a centralized system for seamless collaboration and data-driven decision-making. Key features of Windchill are:

- ✓ **Comprehensive parts & BOM management**
Organize and control product structures, including components and assemblies.
- ✓ **Product data management**
Securely manage CAD files, specifications, and documentation in one place.
- ✓ **Efficient change & revision control**
Streamline change requests, approvals, and version tracking.
- ✓ **Seamless cross-team collaboration**
Enable real-time teamwork between engineering, manufacturing, and compliance teams.
- ✓ **Robust quality & compliance management**
Maintain consistency, reduce defects, and meet regulatory standards.

Windchill empowers organizations to optimize product development, improve efficiency, and drive innovation.

Want to know more about Windchill?
[**Check here**](#)

See how we helped Merit with Codebeamer!
[***Read the success story here***](#)



How we support your integration journey

At TT PSC, we ensure a smooth and effective ALM-PLM integration with:



Proven expertise

100+ successful projects and 18+ years as a global PTC partner ensure deep industry knowledge.



Seamless implementation

End-to-end support from planning to deployment, including training and 24/7 assistance on demand.



Compliance & efficiency

Streamline workflows, enhance traceability, and meet regulatory standards.



Cost-effective & tailored

Competitive pricing, partner discounts, and custom solutions to maximize ROI.



Watch a video

Mastering Windchill and Codebeamer Integration for Holistic Product Lifecycle Management.



Scan the QR code or [***click here***](#) to watch the video.

Based on:

[***https://www.ptc.com/en/resources/application-lifecycle-management/product-brief/codebeamer-windchill-a-winning-combination***](https://www.ptc.com/en/resources/application-lifecycle-management/product-brief/codebeamer-windchill-a-winning-combination)

Contact us!

Transition
Technologies PSC

[***contact@ttpsc.com***](mailto:contact@ttpsc.com)
[***www.ttpsc.com***](http://www.ttpsc.com)



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