



BEST PRACTICE, BEST-IN-CLASS, PLM SAAS SOLUTION

How PTC Windchill+ and Microsoft Azure help
manufacturers accelerate digital transformation

Start here 



OPTIMIZE YOUR CLOUD INVESTMENT

As many manufacturers look to accelerate the pace of their digital transformation, they find themselves blocked by legacy systems and customizations impeding the efficiency and practicality of going modern. Software as a Service (SaaS) product lifecycle management (PLM) aligns with their goals to improve the cost, time, and quality of every process that touches the product definition. With a SaaS cloud PLM solution, they can:

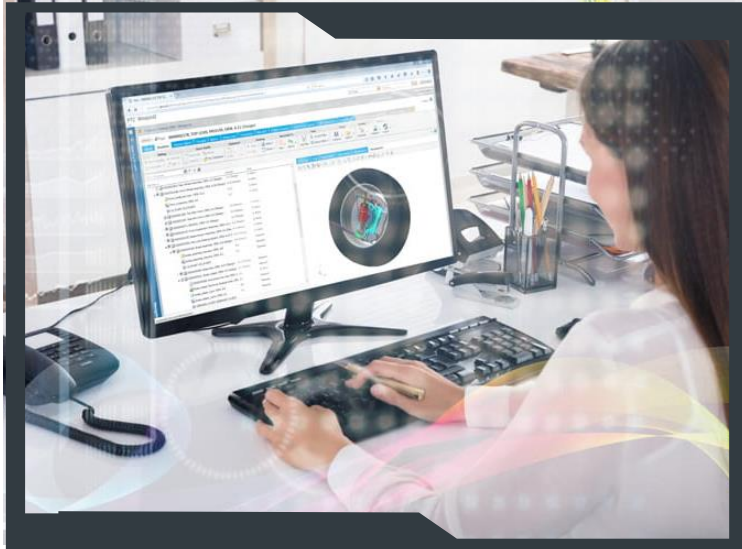
- Accelerate deployment of PLM capabilities
- Drastically reduce PLM time-to-value
- Improve adoption of PLM across their enterprise

PTC helps industrial companies achieve the promise of digital transformation. In this e-book, we'll discuss some common issues facing manufacturers today—and how SaaS and PLM can help them.



THE POWER OF INNOVATION

Manufacturers want the benefits of modern technology to help them efficiently build new solutions in place of their legacy systems and customization.



Accelerated time-to-market

Full product lifecycle management capabilities and digital tools speed the pace of progress and technology adoption.



Reduced cost and complexity of product development

Building an infrastructure on a modern foundation improves the ability and pace of responding to new markets and market disruptions.

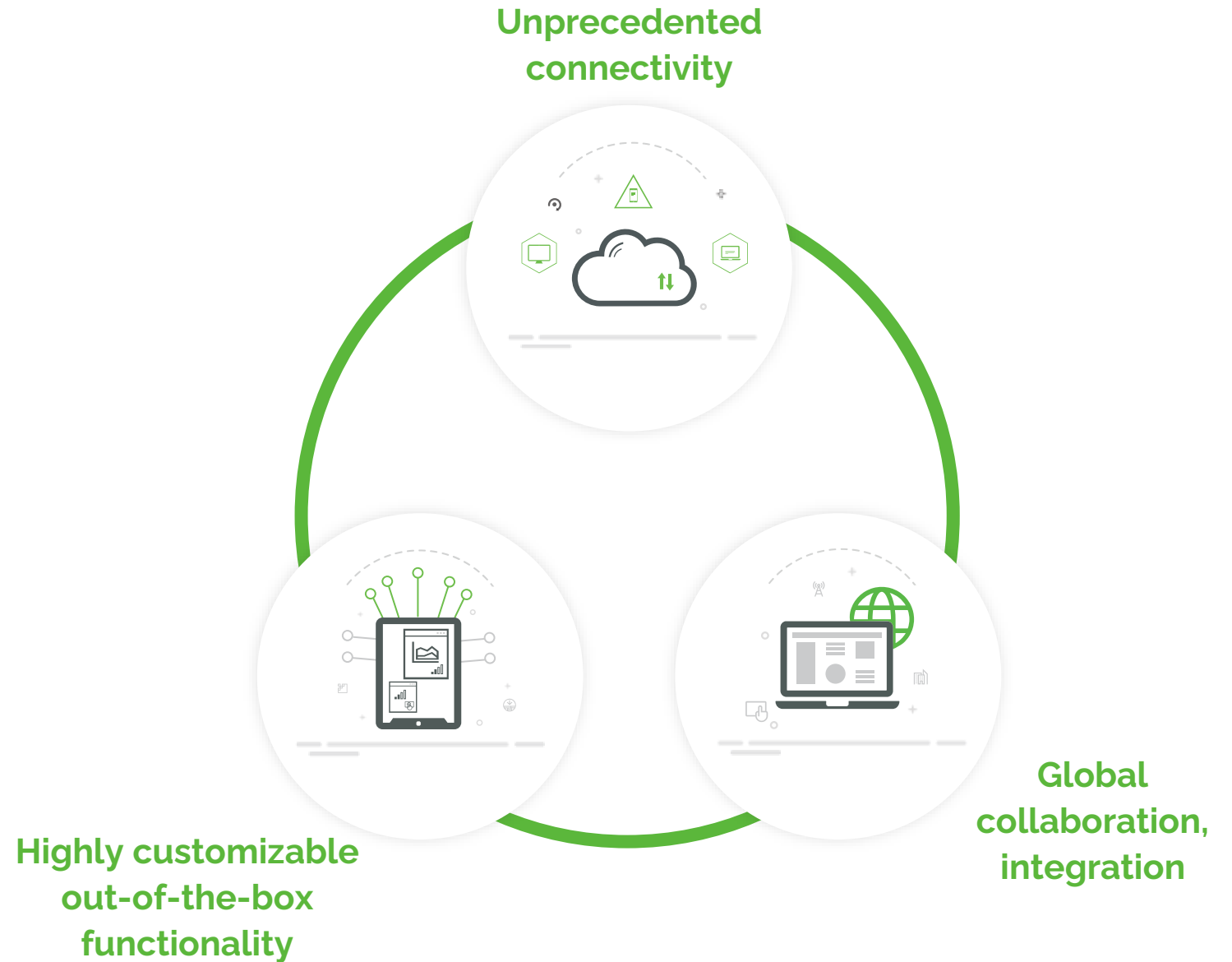


PLM across the entire enterprise

Flexible and open integration enables manufacturers to seamlessly expand PLM value across their entire organization.

ELEVATE PRODUCT DEVELOPMENT AND COLLABORATION

Windchill+, the first PLM enterprise solution as a service (SaaS), gives manufacturers all the benefits of SaaS with a foundation of PLM best practices. Offering best-in-class performance and security, Windchill+ accelerates time to value by enabling the frictionless adoption of PLM across the extended enterprise. Manufacturers receive unprecedented connectivity, global collaboration, integration, and out-of-the-box functionality.





90%

of manufacturing leaders say digital transformation is critical to success. Only 12% are recognizing digital transformation at scale.

Source: [Drive transformational outcomes and achieve impact at Scale](#)

ENHANCE PRODUCT LIFECYCLE MANAGEMENT

Windchill+ on Microsoft Azure offers a modern infrastructure that enhances real-time information sharing, dynamic data visualization, and the ability to securely collaborate.

With Windchill+ on Azure, you gain:

- **Optimized performance and maintenance**
- **Seamless, full-scale implementation and adoption**
- **A full stack of powerful built-in security**

The strategic partnership with PTC and Microsoft gives you all the benefits of Windchill+ and Azure in one integrated, powerful solution.

PTC AND MICROSOFT: A BETTER WAY TO THE CLOUD

Windchill+ on Azure increases security and reduces IT costs/risk. Customers get 100% compatibility with their on-premises solutions. Additionally, they can customize Windchill+, in much the same way as they do the on-premises version, helping them meet the fundamental principles of security, scalability, and upgradability.

Windchill+ seamless expansion of a company's PLM footprint delivers a significant ROI benefit that helps their overall bottom line. New capabilities and updates get automatically added to their PLM environment. Administrators can instantly provide as-needed access to PLM users and enable more functionality as business needs change.



Optimized performance and maintenance

- Exclusive deployment architecture enhances performance and scale
- Infrastructure is assured up and down the stack, eliminating questions of vertical compatibility
- A full stack service helps ensure that changes to hardware and software infrastructure don't impact operations



Seamless, full-scale implementation and adoption

- On-demand placement of modules ensures that new capabilities can be adopted reliably without straining IT resources
- Automated updates of the latest version eliminate the need for independent upgrades
- Regular roadmap enhancements enable continual software-driven innovation shifts



A full stack of powerful built-in security

- Always up to date with the latest security upgrades, preventing security gaps
- Full stack security, supported and managed by PTC, strengthens protection
- A single point of responsibility simplifies management and helps resolve any security incident



BALLUFF BOOSTS DEVELOPMENT WITH WINDCHILL+

Balluff, a leading provider of industrial automation technologies, hosts all its 40,000 products in Germany. Bandwidth constraints and system performance issues made it hard to connect the company's 3,600 global employees located across development centers, factories, and branches worldwide.

Balluff chose Windchill+ to replace every part of its end-to-end product development processes (engineering, testing, quality assurance, staging, and manufacturing engineering). The company's locations around the world can now access the platform from anywhere with the same level of speed and security, helping improve collaboration and accelerate development across countries and time zones.

"We need a development environment that supports us and is not an obstacle. With Windchill+, I see us perfectly positioned for that. We are fully transparent, fully digital, and moving at lightspeed."

Florian Hemle , managing director, Balluff

Benefits

- Reduced IT overhead
- Reduced risk
- Improved global collaboration and development
- Simplified coordination with external suppliers



Optimized performance
Seamless implementation
Powerful built-in security

Learn more about Windchill+ on Azure:

www.ptc.com/en/products/windchill-plus

