

# PTC Product Data Management: Less time managing data - more time designing

## Escape Inefficient Data Management

Without effective PDM, product design engineers are distracted from productively engaging in key design activities, resulting in time wasted searching for product information, recreating designs, updating systems, and responding to product data requests from the extended organization.

Today's manufacturing environment involves the use of multiple CAD tools, disparate teams managing a higher volume of more complex product data and a greater need for collaboration.

**Manage, Share, and Review Product Information with PDM** PTC makes data management easy with a single view to the latest multi-CAD and product data. Product design can securely share more consumable data with non-engineering stakeholders through role-based, self-service applications and 3D visualization technology. Based on Windchill software, PTC's PDM solution removes the burden of data administration and lets product designers get back to what they do best – design.



**The average engineer loses 25% of their time to data management."**

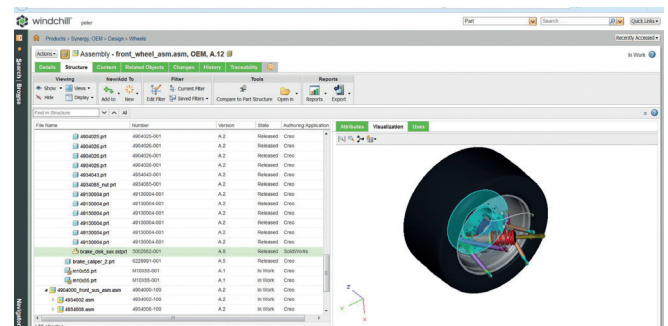
[PDM Buyer's Guide – Ensuring Maximum Value from PDM](#), Tech-Clarity

The most robust multi-CAD data management on the market

New PDM systems with the right capabilities provide important functionality that help engineers recoup productivity, including multi-CAD data management, in-context collaboration, cloud-based access, and flexible integrations.

[Recovering from the Trends Eroding Engineering Productivity](#), Lifecycle Insights

## Manage



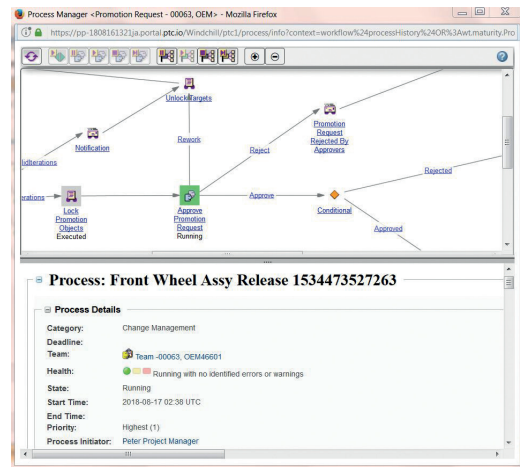
- Tight integration with Microsoft Office, desktop, and MCAD tools (Creo, Creo Elements/Direct Modeling, Creo Elements/Direct Drafting, SolidWorks, AutoCAD, Inventor)
- Ability to understand, capture, and manage CAD data relationships and dependencies
- File version/iteration control
- Workflow-driven review/release
- Simple search/reuse

**Share**

- ThingWorx Navigate role-based, self-service access to product data
- Controlled and secure project spaces for design collaboration
- Managed concurrent design environment
- Easy web access from desktop and mobile tools

**Review**

- Simplified CAD/document review, compare, and release process
- Automated publishing of lightweight 3D/2D product data for non-CAD users
- Traceability and history of online markups, redlining, and validation
- Life-sized review of 3-D designs through augmented reality



**What Less Data Administration Means for Engineers**

By allowing the PDM system to do the work, engineering is recouping a large percentage of their time spent on administrative tasks. By adopting a SaaS deployment in the Cloud, teams will have their PDM system up and running quickly with less downtime and greater confidence in the secure sharing of product information.

Additional benefits will be seen throughout the business. Product development costs will decrease due to greater engineering productivity, efficiency, and ecosystem collaboration. Product quality will increase because of reduced errors, rework, and faster throughputs.

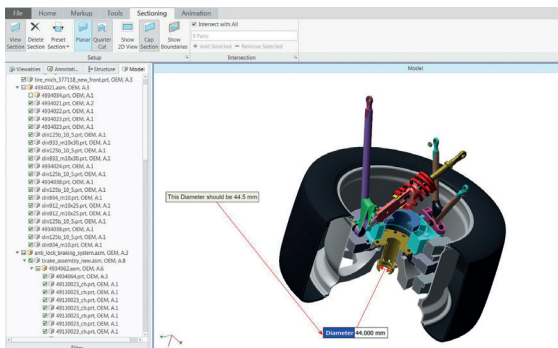
The best part? Engineers will have more time for design and development, leading to greater product innovation, and in the end...happier engineers.

**Deployment Options**

PTC's PDM is available on-premise as well as in the Cloud as a dedicated Software-as-a-Service (SaaS) instance, including benefits like automatic updates and upgrades as well as secure collaboration with industry-standard data protection.

**Access to PTC Product Lifecycle Management**

With PTC PDM you have access to PTC's PLM system allowing you to scale to your business requirements and grow as needed. There is no path or bridge needed. If you decide you need a PLM system it's already there waiting for you to access it. Built on the IOT platform and enabling AR for when you're ready to leverage these technologies to fully realize the value of closed loop product lifecycle management.



©2018, PTC Inc. (PTC). All rights reserved. Information described herein is furnished for informational use only, is subject to change without notice, and should not be taken as a guarantee, commitment, condition or offer by PTC. PTC, the PTC logo, Product & Service Advantage, Creo, Elements/Direct, Windchill, Mathcad and all other PTC product names and logos are trademarks or registered trademarks of PTC and/or its subsidiaries in the United States and other countries. All other product or company names are property of their respective owners. The timing of any product release, including any features or functionality, is subject to change at PTC's discretion.

J12056-PDM-DS-EN-0918

