Windchill® PDMLink®

Control All the Content and Processes that Drive Product Development

Windchill PDMLink not only captures, configures and manages product information during every step of the product lifecycle, but it also effectively supports your company's initiatives to optimize key business processes. The result: you can finally align product development with strategic corporate goals, and improve your business results.

Windchill PDMLink gives global manufacturers the ability to con-solidate scattered product information and bring order to chaotic development processes. With its powerful content, configuration and change management capabilities, Windchill PDMLink helps you drive product success.

Windchill PDMLink enables you to manage the complete digital product definition.

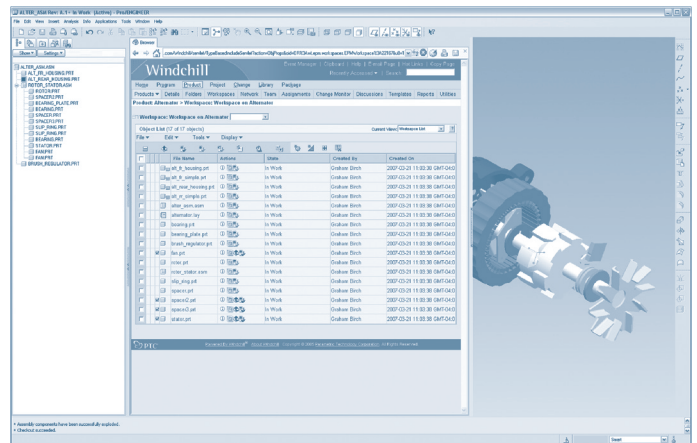## Key Benefits

Improve Product Quality

With a single complete digital product definition, Windchill PDMLink enhances product quality by eliminating mistakes associated with duplicate or incomplete data. Potential problems can now be iden-tified earlier in the process. With all levels of content – from final assembly structures to individual components–configured, managed and stored in a one central repository, everyone within the enterprise can now immediately access the same product information.

Reduce Process Errors and Engineering Rework

Windchill PDMLink includes a comprehensive Change Management process that can both 'fast-track' your simple, low-cost changes and 'full-track' extensive modifications, all while automatically documenting revision and iteration histories. Problems caused by miscommunication or delays in conveying product changes are eliminated.

Support Global Product Development

Windchill PDMLink was designed to support distributed product development with a Web-based architecture that can coordinate replicated databases around the world. Now anyone, anywhere within the enterprise or extended supply chain can communicate and collaborate on product development. Regardless of location, activities and events can now be monitored, allowing you to iden-tify potential bottlenecks or duplicate tasks.

Features

Powerful Configuration Management

- Manage the evolution of configurations over time using out-of-the-box lifecycle templates that can be modified and reused

- Create and manage multiple product structure views such as "As-Designed" and "As-Planned"

- Establish rules for interchangeability, including the use of alternates and substitutes

- Create new part numbers for significant changes, while maintaining existing numbers for minor changes using revision/iteration levels

- Utilize date, lot, product or component serial number effectivity methods

- Define and manage customer-specific product variations based on a defined set of available options

Out-of-the-Box, Best Practice Change Management Process

- Create, manage, route and track problem reports, change requests, and change notices using customer-defined terms and templates

- Apply simple procedures for simple changes, mass changes, and thorough procedures for high-impact changes. Preview content for print, PDF and Web media

- Use the online dashboard to report trends in volume, severity and cycle time of changes

- Manage deviations and waivers with the manufacturing team

Comprehensive Product Content Management

- Securely vault all product data using check-in/check out, history, search and access control

- Track, store and share multiple versions/iterations of product structures, product definition data, Pro/ENGINEER models, CoCreate Drafting drawings, and (optionally) other MCAD and ECAD systems, including AutoCAD®, CADDS® 5, CATIA®, I-deas® TDM, Unigraphics®, Mentor Graphics®, Zuken®, and Cadence®

- Manage and associate other product content, such as require-ments, product specifications, technical publications, simulation results, production plans, engineering calculations and 3D viewables

- Query for any product-related information using the embedded search engine

- Create and manage packages of design information (Parts, CAD Models, Change Objects, Documents), view, baseline and interact on-line and share with external partners off-line

Business Process Automation and Reporting

- Graphically define or extend pre-defined, workflow-driven processes to automate and manage the progress of product development tasks

- Assign automatic notifications for key events, such as a revision to an assembly BOM or the release of a design document

- Enforce deadlines with escalation policies for proactive and follow-up notifications

- Use the Cognos Reporting Engine to generate pre-built reports; optionally create your own reports, or modify existing ones, using the Cognos framework

Pervasive Visualization

- Easily identify parts by viewing thumbnail images that are automatically created upon CAD check-in

- Easily view, collaborate, investigate and markup dimensionally accurate 2D and 3D product information using the embedded visualization capabilities powered by PTC's ProductView® Lite

Integrated with Other Applications

- Download and upload product data with Microsoft Excel

- Microsoft Outlook email and meeting integration

- Optionally integrate with Rational ClearCase to share binaries or software code

- Integrate with PTC's Arbortext® product information delivery software to optimize and streamline your technical publications process

- Integrate with PTC's Mathcad® software to capture, search and reuse engineering calculations

- Optionally integrate with legacy and enterprise systems such as ERP

Scalable and Secure

- Intelligently replicate content to remote file vaults for use by distributed design teams

- Fully scalable–capable of handling thousands of concurrent users

- Define security at the domain (user, group, role), maturity (lifecycle state) or instance (individual folder, document, part) level

- Support for Export Control access control policies

Platform Specifications

- Server Operating Systems:

  - Microsoft Windows (32-bit and 64-bit): XP, Vista, Windows 2003 Server

  - Unix (32-bit and 64-bit): Solaris, HP-UX, AIX

  - Linux (64-bit): Red Hat Enterprise Linux 4

- Browser: Internet Explorer v6.0 and 7.0, Mozilla Firefox v2.0 and higher

- Database: Oracle 10g and SQL Server 2005

- Languages: English, Chinese (Traditional), Chinese (Simplified), French, German, Italian, Japanese, Korean, Spanish

For the most up-to-date platform support information, please visit: **www.ptc.com/partners/hardware/current/support.htm**

Note: The timing of any product release, including any features or functionality, is subject to change at PTC's discretion

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