PTC Global Product Development Package II

Improve Product Development Processes Across the Entire Lifecycle

With a comprehensive suite of Product Lifecycle Management (PLM) capabilities, the PTC Global Product Development Package II increases design reuse, improves design efficiency, and optimizes the supplier and manufacturing selection process.

Today’s manufacturers are continuously striving to advance their product development processes so that higher quality products can be brought to market faster and at a lower cost. Yet, greater design complexity, globalized markets, and increased outsourcing make it a challenge to meet the growing list of customer and supply chain demands. An inability to keep pace with these ever-evolving conditions can have huge implications on product cost and time-to-market. To manage these complexities and secure a competitive advantage, the PTC Global Product Development Package II offers a proven data management approach that transforms processes across the entire product lifecycle.

Key Benefits

Reduce product development costs

With greater reuse of existing designs, companies can dramatically reduce part duplication and costs associated with carrying redundant components. Establishing standard change and configuration management processes reduces the chance of project delays due to incorrect design versions or erroneous part numbers.

Accelerate time-to-market

Connecting engineers with downstream functions such as procurement, sourcing, and manufacturing, provides them instant access to critical supply chain information (like preferred vendors) at the moment it’s needed. This information streamlines vendor selection and addresses lead-time issues.

Improve engineering productivity

Part searches can occupy up to 25 percent of an engineer’s time. With advanced search and qualification tools, engineers can quickly find the right part and thus reduce time spent on needless re-designs. Standard processes for design reviews, change management, and product release improves communication and speed development cycles.

Standard product structure and visualization
Features

• **Part classification and reuse:** Establish hierarchical component classifications to ensure rapid and freeform searching of part libraries including result filtering and attribute comparisons. Promote part reuse across all design teams with localized language and units.

• **Multi-CAD data management:** Check-in/check-out 2D drawings and 3D models directly from within SolidWorks®, Siemens® NX™, AutoCAD®, or Autodesk® Inventor LT™ using a common workgroup manager.

• **Document management:** Securely manage product documentation directly within Microsoft® Word®, Microsoft Excel®, or through an easy-to-use Windows Explorer® integration. Associate documents with product data for clear part and document relationships.

• **ECAD/MCAD integrations:** Share complex design information for ECAD and MCAD applications within a single environment using PTC Creo® View MCAD™ and PTC Creo View ECAD™. Improve cross-discipline collaboration with complete mechanical and electrical design reviews.

• **Configuration management:** Maintain complex product configurations as they mature through development. Save and store baselines and specific versions of Bills-of-Material (BOMs). Quickly identify differences between BOMs with online, color coded reports.

• **Change management:** Streamline change management with out-of-the-box processes and workflows that help users identify affected objects and quickly communicate changes to other team members. Capture design review comments and markups for change traceability. Run reports that return a change’s impact and status.

• **Approve Manufacture List (AML)/ Approve Vendor List (AVL):** Manage a central source of manufacturers and vendors and their status (e.g., approved, pending, obsolete). Use workflow to automate the new supplier introduction process and automatically calculate a sourcing grade for internal parts based on analysis of its approved status, including regionally based preferences.

• **Collaboratively manage partner and supplier projects:** Enable teams to work securely with external partners and suppliers through an easy to access, online collaboration site. Maintain critical product information including iteration control, 3D viewables, and design feedback throughout a project.

• **IP protection:** Secure product data through access control rights based on lifecycle status, project-level user rights, and content level protection including ITAR compliant security labels.
Language support

English, German, French, Italian, Spanish, Japanese, Chinese (Simplified and Traditional), Korean, and Russian

Platform specifications

- Server Operating Systems: Microsoft Windows, Unix, Linux (64-bit)
- Browsers: Internet Explorer, Mozilla Firefox®, Google® Chrome™
- Database: Oracle and SQL Server

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

To learn more about this package, please visit:
PTC.com/solutions/global-product-development/ or contact your local sales representative.

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