PTC® Windchill® PartsLink™ Classification and Reuse

FAST, INTELLIGENT PART SELECTION FOR REUSE

Quickly and effectively find and reuse preferred parts by comparing important functional and physical characteristics.

PTC Windchill PartsLink Classification and Reuse provides comprehensive capabilities that allow customers to standardize parts, perform high-speed parametric classification searches and promote reuse of components across the organization. It can dramatically increase the reuse of existing parts as opposed to creating redundant components.

Key Benefits

Lower Product Costs

- Select the “right” parts early in design – the point where 70% of product costs are determined
- Reduce warranty costs by increasing reuse of known “good” parts
- Optimize volume pricing opportunities by focusing spend on a small number of strategic suppliers*

Improve Engineering Productivity

- Find the “right” parts faster and reduce time searching for parts, which can occupy up to 25% of an engineer’s time
- Allow effective design reuse of preferred parts and suppliers*
- Reduce near-duplicate designs

Achieve Faster Time-to-Market

- Reduce new product redesigns by avoiding obsolete, non-compliant, or long lead-time parts
- Accelerate sourcing and qualification of new critical-path parts*
- Search for parts using multiple attributes

Features

Taxonomy Management:

- Create and manage standard organization hierarchy for parts
- Tailor specific business attributes unique to individual classification nodes
- Define valid attribute characteristics and constraints
- Layout and group attributes
- Attribute and group inheritance
- Localization of classification node and attributes
- Multiple measurement system and units of measure
- Import and Export schema

*When used with PTC Windchill Supplier Management
Part selection capabilities can heavily influence product cost since 70% of cost are locked in by the end of functional design.

Classification:
- Multiple classification definition for a part
- Classification on one or multiple nodes
- Utilize wizard to classify multiple parts
- Create and update parts classification using Microsoft Excel

Browsing and Searching:
- Sub-second response times allows rapid searching of libraries with millions of parts
- Unlimited scalability for number of parts or attributes
- Free form searching
- Classification structure browsing
- Classification-based parametric attribute searching and refining
- Find Similar Part based on attributes

Integral with PTC Windchill PDM Link
- Standardized part introduction and change management workflows
- Define and maintain the comprehensive part record
- Leverages PTC Windchill PDMLink security and access control business rules

- Manage security by part record
- Scalable, Web-based architecture
- Determine where parts were used, with seamless visibility to product structures

Platform Specifications:
- Microsoft Windows®, UNIX® and Linux®
- Browser: Internet Explorer®, Mozilla Firefox®
- Database: Oracle® 11 and SQL Server 2008
- Languages: English, Chinese (Traditional and Simplified), French, German, Italian, Japanese, Korean, Spanish, Russian

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

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