

Windchill® Supplier Management

Manage, analyze and communicate supply chain and compliance-related information

Most manufacturing companies today are facing a major hurdle in selecting the optimal suppliers for products that involve multiple lines, programs, and geographies. Making the wrong choice can have huge implications in product cost and time-to-market.

Windchill Supplier Management from PTC establishes a key link between your design and downstream functions such as procurement, sourcing and manufacturing. The result: designers have instant access to critical supply chain and compliance information during the component selection process, which means better, more cost-effective decisions—right from the outset of the development process.

Key Benefits

Lower Costs

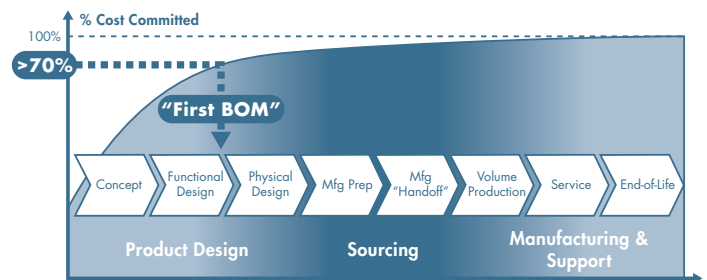
- Re-use preferred parts for new designs, optimized by geography, product line, program, and department
- Secure volume pricing by leveraging preferred suppliers

Shorten Time-to-Market

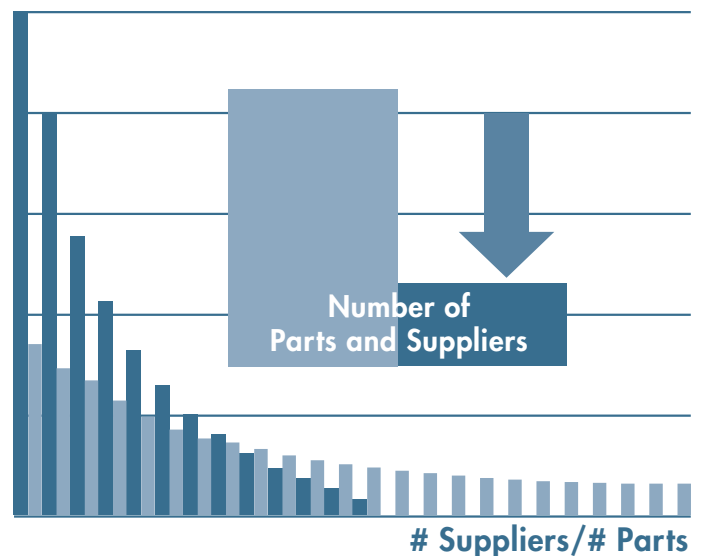
- Prevent errors and redesigns by involving suppliers early in the design process
- Eliminate the use of “hard to get” or obsolete commercial parts in new designs

Meet the Demands of Complex, Global Supply Chains

- Optimize manufacturer part sources and vendor selection with approved Manufacturer and Vendor Lists
- Improve supply chain communication and collaboration with a secure, Web-based project portal
- Gain control of complete enterprise component record by creating a single secure content vault
- Extend change management best practices to encompass suppliers and manufacturers



By engaging outsourced manufacturers and vendors early in the design process, companies can lower development costs dramatically.



By reducing the number of suppliers and parts, you lower costs significantly.

Improve Quality

- Improve product quality by re-using known-quality parts and by managing part preferences
- Minimize design and manufacturing errors by using approved suppliers and manufacturers
- Decrease design errors by establishing a standardized Manufacturing Change Order process with outsourcing partners
- Reduce outsourced product errors both by markup and by applying changes to manufacturer parts, vendor parts, and preferences

Features

Approved Manufacturer and Vendor Lists (AML/AVL)

- Define one or more manufacturer parts that can be used for a company's internal part
- Define one or more vendor parts that can be used for a company's internal part

Define and Classify Manufacturer and Vendor Parts

- Define detailed functional characteristics
- List hazardous material content
- Identify cost and availability
- Record lifecycle risk information
- Include all associated documents

Standardize Processes

- New Part Request process provides a standard approach for creating a company's internal part number with all of the required information such as manufacturer and vendor information
- Manage supplier introduction with workflows

Part Preferences

- Assign part preferences based on unlimited contexts such as product line, lifecycle, location or function

Load supplier information

- Easily import and export supplier part information with Microsoft Excel

Part Grading

- Automatically calculate a sourcing grade for an internal part, based on an analysis of its approved manufacturer list
- Create rules for part grading based on supplier, sourcing context and commodity codes or classification

AML/AVL Definition and Change Management

- Markup and apply changes to manufacturer and vendor parts
- Create new designs using a standardized New Part Introduction process
- Make design changes using a standardized Manufacturing Change Order process

Define Manufacturers and Vendors

- Manage status of manufacturers and vendors (i.e., approved, pending, obsolete)
- Provide your organization with detailed contact information, status, and associated documents



Number	Actions	Version	Name	Sourcing Status	Context	State	Quantity
10-30-4503-22	Actions	A.2 (Design)	NG Graphics Card		NG Graphics Card	In Work	
0000000004	Actions	A.8	CAP Tantall 1.0 uF	Preferred	NG Graphics Card	In Work	16 each
0000000005	Actions	A.8	CAP Alumin 30.0 uF	Do Not Use	NG Graphics Card	In Work	5 each
0000000006	Actions	A.8	CAP Tantall 10.0 uF	Not AML	NG Graphics Card	In Work	1 each
0000000007	Actions	A.8	Res, thick film, 10 ohm	Approved	NG Graphics Card	In Work	60 each
0000000008	Actions	A.8	Res, thick film, 681 kohm	Approved	NG Graphics Card	In Work	51 each
0000000009	Actions	A.8	CAP Tantall 6.9 uF	Do Not Use	NG Graphics Card	In Work	22 each
0000000010	Actions	A.8	CAP Tantall 10.0 uF	Preferred	NG Graphics Card	In Work	21 each

Manage the sourcing status of each component in your assembly.

Define Default Supplier Preferences

- Use workflow to automate new supplier introduction process
- Identify default preferences based on part classification and context
- Automatically update your supplier preference list using configurable rules
- Develop predefined reports on supplier metrics

Platform Support

- Server Operating Systems:
 - Microsoft Windows (32-bit and 64-bit): XP, Vista, 2003 Server
 - Unix (32-bit and 64-bit): Solaris, HP-UX, AIX
 - Linux (64-bit): Red Hat Enterprise Linux 4
- Browser: Internet Explorer 6.0 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



To learn more about Windchill Supplier Management, please visit our website at: <http://www.single-sourcing.com/>

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

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