# 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 supplier and manufacturer 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®

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# Windchill® Supplier Management Solution

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

Most manufacturing companies today are facing a major hurdle in selecting the optimal supplier and manufacturer 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.

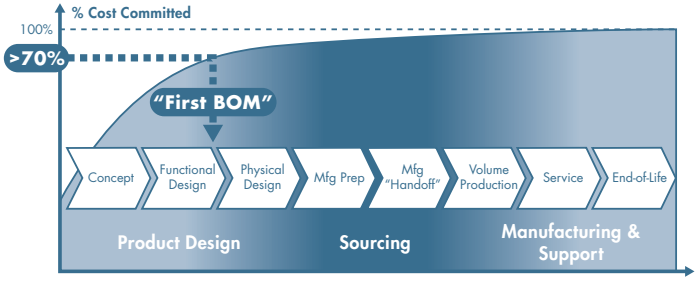
**Here are just a few of the key benefits you'll achieve with the Windchill Supplier Management Solution from PTC:**

Lower Costs

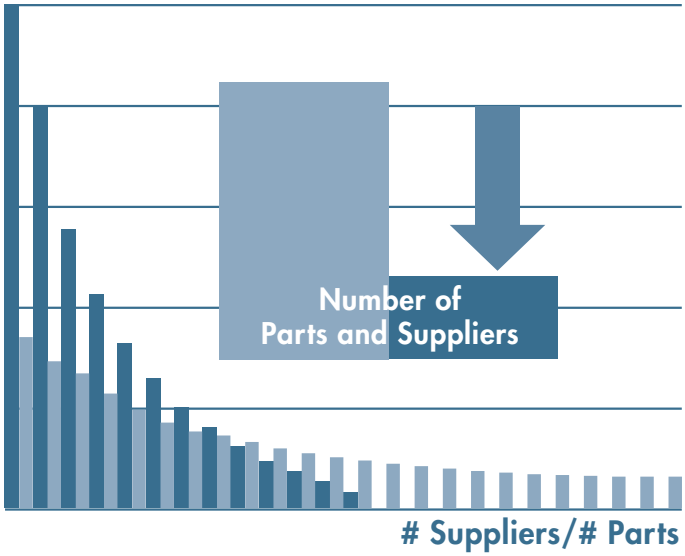
- Re-use preferred parts for new designs, optimized by geography, product line, program, and department
- Secure volume pricing by leveraging preferred suppliers
- Cut product costs by eliminating ineffective, uncompetitive suppliers
- Lower inventory and costs by uncovering and eliminating hidden part duplication
- Reduce supplier maintenance costs by eliminating redundant suppliers

Shorten Time-to-Market

- Speed product development via optimal use of global outsourcing partners
- Halt the duplication of design effort by re-using existing designs
- Eliminate the use of "hard to get" or obsolete commercial parts in new designs
- Prevent errors and redesigns by involving suppliers early in the design process
- Compress schedules by using only preferred manufacturers and vendors with good track records




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.

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

### 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

## Key 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

### Part Preferences

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

### Part Grading

- Automatically calculate a sourcing grade for an internal part, based on an analysis of its approved manufacturer list

### AML/AVL Definition and Change Management

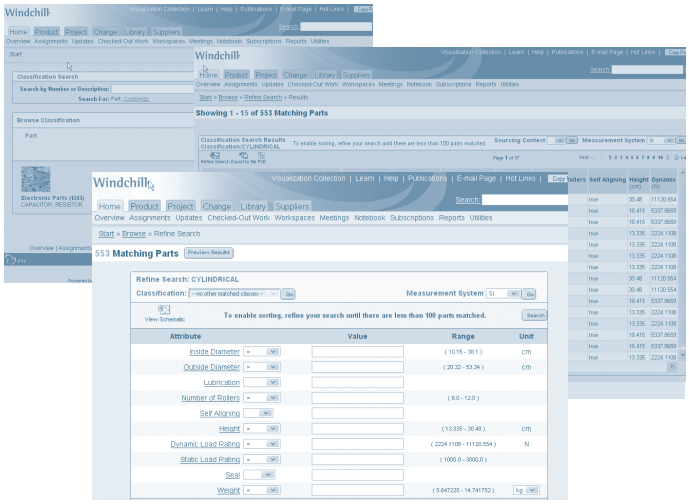
- Markup and apply changes to manufacturer and vendor parts
- Create new designs using a standardized New Part Introduction process
- Make design changes using a standardized Manufacturing Change Order process

### Define Manufacturers and Vendors

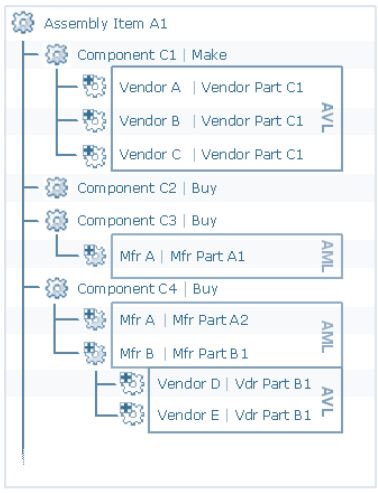
- Manage statuses of Manufacturers and Vendors (i.e., approved, pending, obsolete)
- Provide your organization with detailed contact information, status, and associated documents

### Define Default Supplier Preferences

- Identify default preferences based on part classification and context
- Automatically update your supplier preference list using configurable rules
- Develop predefined reports on supplier metrics




Windchill Classification improves part re-use.




Windchill AML/AVL enables users to meet the demands of complex global supply chains.

## Platform Support

- Pro/ENGINEER® Wildfire™ 2.0
- Microsoft Windows: XP, 2000, 2003 Server
- Unix: Solaris, HP-UX, AIX
- Browser: Internet Explorer v 5.0 and newer

## Contact Information

Visit www.PTC.com/support for specific operating system levels and compilers.

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