Windchill® PartsLink™ Classification and Reuse

Fast, intelligent part selection

Quickly and effectively find and reuse preferred parts by comparing important functional, physical, supply chain, and environmental compliance characteristics.

As an optional module that's integral with Windchill® PDMLink®, Windchill PartsLink Classification and Reuse provides comprehensive parts management, including part data development, cleansing, validation, publication, control and change management. With guided navigation tools, it dramatically increases the likelihood that users will find and reuse parts instead of creating new, redundant ones.
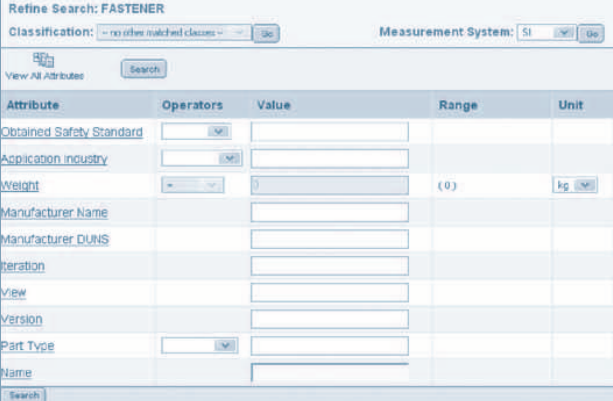
Key Benefits

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

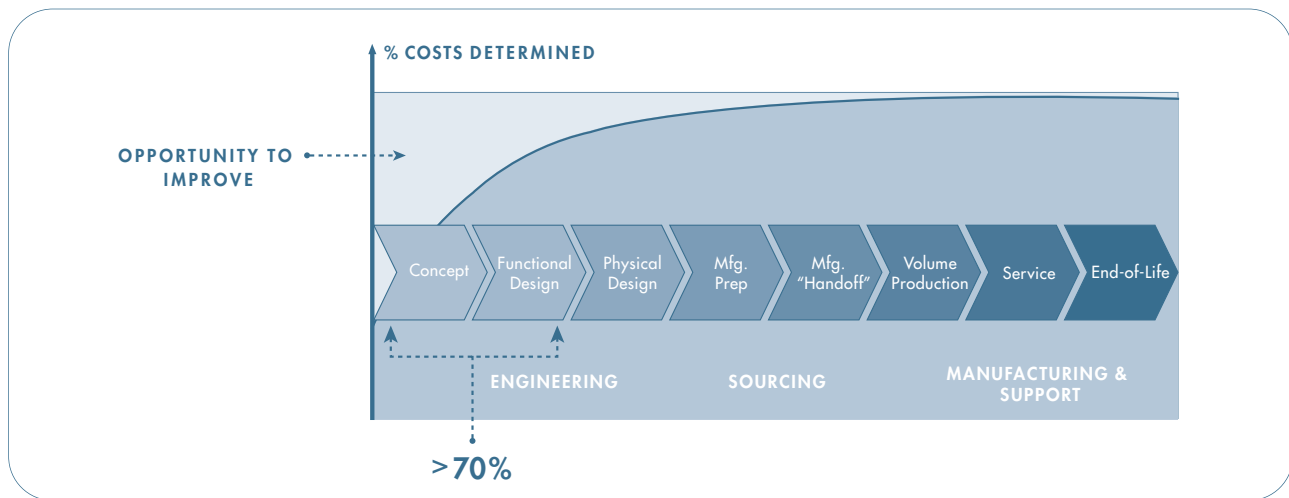Search for parts using multiple attributes.

Features

Manage Parts

· Define and maintain the comprehensive, enterprise part record

· Change management process workflow

· Advanced usability features such as part count, query reuse, and find similar parts

Build Content

· Create customized classification structures and attributes

· Prepare, cleanse, and rationalize content

· Classify, validate, and load content

· Includes classification structure examples

· Link to 3D CAD graphical models quickly and easily

% COSTS DETERMINED

OPPORTUNITY TO IMPROVE

Concept | Functional Design | Physical Design | Mfg. Prep | Mfg. "Handoff" | Volume Production | Service | End-of-Life

ENGINEERING   SOURCING   MANUFACTURING & SUPPORT

>70%

Part selection capabilities can heavily influence product cost since 70% of costs are locked in by the end of functional design.

Integral with Windchill PDMLink

- Standardized part introduction and change management workflows

- Leverages 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

Advanced Tools for Parts Cleansing, Classification and Enrichment

- Create and manage classification structures and attributes

- Standardize data terminology, units of measure, values, and constraints with industry-leading data engineering technology

- Map and import legacy parts data to standardized classification and attribute schemas

- Create and update parts classification using Microsoft Excel

High Performance, Web-Based Search

- Sub-second response times allows rapid searching of libraries with millions of parts

- Unlimited scalability for number of parts or attributes

- Keyword or parametric search with guided navigation

- Search on an unlimited number of attributes

- Toggle measurement systems and units of measure from within search results

Platform Specifications

- Prerequisite: Windchill PDMLink

- 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 v 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

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To learn more about Windchill PartsLink Classification and Reuse, visit: https://www.single-sourcing.com/

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