

Product Data Management for Microsoft Dynamics® AX

AX
Microsoft
Dynamics

Enhance quality, increase productivity and accelerate innovation with advanced product information, lifecycle management and change control.

What would it mean to your business if you could streamline the communication of product design and manufacturing details among everyone needing product information?

How much more confidently could you ensure quality production if you had the right information available as "one version of the truth" within your core business system?

How much more quickly could you introduce product innovations if you had a well-structured, enterprise-wide process for managing them from idea to execution?

Cincom's advanced product data management capabilities add item revisions, lifecycle phases, date effectivity and many other features to better document and control your products.

Extensive release, revision and engineering change controls manage new product introduction and product change across your organization. Multiple types of BOMs such as Engineering and Manufacturing show "As designed," "As planned" and "As built" configurations. Additional effectivity methods manage timing and efficiently utilize inventory throughout the change process. Cincom Product Data Management creates an efficient, effective bridge between engineering systems and Microsoft Dynamics AX throughout the product lifecycle. You can manage every aspect of product information, from items to materials, processes and documents as products move from prototype to production, service and end of life.

Item no.	Base	Revision	Revision name	Product name	Search name
K0001	<input type="checkbox"/>	A	Black tol +/- 2...	Resistor	Resistor
K0001	<input type="checkbox"/>	B	Silver tol +/- 1...	Resistor	Resistor
K0001	<input type="checkbox"/>	C	Gold tol +/- 5%	Resistor	Resistor
K0001	<input type="checkbox"/>	D	Special	Resistor	Resistor
K0002	<input checked="" type="checkbox"/>	A	2 ohm 5%	2ohm resistor	2 ohm
K0002	<input type="checkbox"/>	B	2 ohm 3%	2ohm resistor	2ohm resist
K0002	<input type="checkbox"/>	C	2 ohm 1%	2ohm resistor	2ohm resist
K0002	<input type="checkbox"/>	D		2ohm resistor	2ohm resist

Lifecycle phases with user-defined usage blocking rules manage the progression of item revisions over time.

Use for:

- Discrete manufactured products
- All phases of a product's lifecycle
- Engineering release and revision management
- Engineering change control
- Engineering and manufacturing BOM types

Benefits:

- **Maintain control and visibility of all the information** about your products throughout the entire lifecycle.
- **Maintain the details** of each part, process step and document related to every level of the bill of material.
- **Speed new product introduction and delivery of product innovations** using approval workflow with electronic signatures and instant access to product information.
- **Communicate product changes** across all areas within your organization.
- **Eliminate costly write-offs, rework, field changes and customer returns.** Use change controls, formal or informal revision management and use-up effectivity to ensure well-coordinated and cost-effective implementation of product changes throughout your supply chain.
- **Increase flexibility to produce exactly the product desired by customers.** Enable simultaneous production of multiple revisions of the same product with clear visibility and control of differences.

Microsoft Partner
Gold Independent Software Vendor (ISV)

Features

<p>Configuration Management: Extended item and BOM information as well as advanced release management, revision control and effectivity methods needed by all discrete manufacturers.</p>	
<p>Extended bill-of-material information</p>	<p>Engineering and manufacturing BOMs with advanced features such as multiple substitute/alternate items, BOM find numbers, reference designators and BOM compare provide the basis for full lifecycle configuration management. Project-specific BOMs and routes support Project Supply Chain.</p>
<p>Engineering release management</p>	<p>Pending and released engineering release statuses and configurable product lifecycle phases with activity-blocking rules allow for the orderly transition of items from design through prototype, production and end of life.</p>
<p>Item revision</p>	<p>Approval workflow and optional formal or informal revisions by item ensure close coordination between engineering and manufacturing.</p>
<p>Use-up effectivity</p>	<p>Minimize excess/obsolete inventory by providing control over when and how production uses up older revisions and substitutes before replenishing stock and placing remaining demand on the latest revisions.</p>
<p>Document flowdown</p>	<p>Enable documents, specifications and clauses to be flowed down from source entities like items, customers and projects to production orders and purchase orders to ensure that everyone in the supply chain, including vendors, has the required visibility of current customer and product requirements.</p>
<p>Multi-organization engineering</p>	<p>Enable flexible ownership and control of individual configuration entities (items, BOMs, routes and documents) within centralized or decentralized engineering sites.</p>
<p>Engineering Change Control: Adds capabilities to provide formal control of changes to items, BOMs, routes and documents.</p>	
<p>Engineering change control</p>	<p>Formally track the progression from change request (ECR) to effectively integrate changes into manufacturing and supply chain processes.</p>
<p>Cost impact analysis</p>	<p>Capture a summary of cost and revenue impacts of the change and make it available to all approvers. Optionally link to an estimate developed in the Cincom estimating application.</p>
<p>Approval workflow</p>	<p>Use electronic workflow and signatures to provide the level of control needed to closely manage the change process across your entire organization.</p>
<p>Configurable change control policies</p>	<p>Tailor the level and method of control to exactly what is needed in your organization's particular environment. Keep it simple where appropriate; ensure a highly controlled process where needed.</p>

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