Cepheo Process Industries Solution

Cepheo Product Data Management Extension

Simplify product lifecycle and BOM management and enable customer-specific fulfilment.

With tight deadlines, narrow margins and increasing customer expectations, effective product data management processes can make the difference between project success and failure. Cepheo Product Data Management Extension introduces a range of enhanced capabilities across product lifecycle management, BOM and formula management and customer fulfilment processes to enable daily process efficiencies that give you the competitive edge you need to serve customers better and safeguard profitability.

Enable flexible lifecycle management for released products

From initial release to final blocking of availability, a product can pass through many lifecycle phases – each with different limitations on how and where the product can be used.

Cepheo Product Data Management Extension offers a more comprehensive alternative to the lifecycle capabilities available in Microsoft Dynamics 365 Supply Chain Management.

It enables more flexible definitions of lifecycle phases that you can use to control product availability and usage across purchasing, inventory (manufacturing) and sales operations, as well as the assignment of lifecycle-dependent MRP coverage group settings per product.

You can define lifecycle phases to enable common product lifecycle states, such as those below:

- Evaluation: The product can be purchased manually, but sale is blocked
- Phasing-in: The product can be purchased using MRP and then be warehoused, but sale is blocked
- Active: Nothing is blocked
- Phasing-out: The product can be sold, but purchasing is blocked
- Blocked: Both purchase and sale of the product are blocked

You can also define specific phases to meet your own unique lifecycle needs.

Advantages

- Save time and resources with advanced product data management capabilities
- Ensure that products can only be purchased, handled and sold based on pre-defined lifecycle rules
- Support common lifecycle states as well as your unique lifecycle needs
- Use the capabilities for management of both BOMs and formulas
- Save time and reduce errors when maintaining BOMs and formulas
- Simplify visualization and comparison of complex BOM and formula structures
- Serve customers better with unique, customer-specific sales order settings per product

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When you assign a phase to a product – or reassign a new phase to a product – the product automatically inherits the blocking and coverage group settings that are defined in that phase.

You can view product phase information on, for example, item lines in a BOM (or ingredient lines in a formula), in the BOM and formula designer and in Lookups on sales order lines.

Maintain and compare BOM and formula versions more easily

When working with complex BOM and formula structures, it can be difficult to see the differences between similar versions of the BOM/formula.

With Cepheo Product Data Management Extension, you can compare the detailed composition of two BOMs or formulas and see a simple, intuitive indication of differences such as:

- The relative quantities of individual items or ingredients that are included in both BOMs/formulas

- The quantity of items or ingredients that are only used in one of the selected BOMs/formulas

You can display a comprehensive overview of all records or simplify the comparison by filtering to only show records where there are differences.

Optimize fulfilment with customer-specific sales order settings

With Microsoft Dynamics 365 Supply Chain Management, you can define the default, minimum and maximum sales quantities for each product.

But your customers may have individual quantity requirements when they order these products from you.

With Cepheo Product Data Management Extension, you can define the default sales order settings for a product per customer or per customer group, regardless of the site and warehouse from which the product will be shipped.

Features

- Extends the lifecycle capabilities available in Microsoft Dynamics 365 Supply Chain Management

- Control product availability and usage across purchasing, inventory and sales operations

- See product phase information in BOM/formula lines, Lookups and in BOM/formula designer

- Assign product MRP coverage group settings based on lifecycle phase

- Enable automatic inheritance of blocking and coverage group settings from current lifecycle phase

- Compare BOMs/formulas in detail, or filter to see only the differences

- Define default product sales order settings per customer or per customer group

Read more on cepheo.com

Cepheo empowers businesses to adapt and succeed in a changing world. With locations across the Nordics, and decades of experience in implementing and evolving industry-specific solutions powered by the Microsoft platform, we help our customers use technology and data to make more informed decisions, optimize daily operations and bring out the very best in their people. Learn more at cepheo.com.

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