

OmegaCube ERP

BOM Management & Integration

Data Sheet

BOM Management & Integration

OmegaCube ERP's Bill of Materials (BOM) management enables manufacturing enterprises to manage, track and document physical configuration of products, parts, and sub-assemblies which they manufacture or assemble.

The BOM module provides comprehensive breakup and relationship between parts, assemblies, sub-assemblies, components and raw materials.

BOM and Routings

- Generate single or multi-level Bill of Materials. Define multi-level BOM from templates or from scratch.
- Edit default routings and BOMs.
- Define rules for BOM generation based on option selection.
- Define rules for single or multi-level routings based on options.
- Associate phantom & standard item BOM to options.
- Setup conditional rules to BOM calculations.
- Define main and alternate BOM/routing.
- Allows pricing, BOM and routing rules.
- Explode BOMs from high level to lowest level.
- View item cost, quantity, procurement date, unit of measurement and part info.

BOM Import and Reconciliation

- Import BOMs from design software such as, Auto CAD and Solid works.
- Push newly created/updated BOMs to OmegaCube ERP.
- Auto-update of inventory based on BOM creation/update within ERP.
- Use scripting engine to create highly advanced rules to generate manufacturing BOMs based on configuration

Engineering Change

- Revision tracking for finished products, BOM items and routing changes.
- Ability to track revision numbers at every level of BOM.
- Full history of previous revisions.
- Recalculation of finished product cost based on change of BOM or routings Engineering change release.
- Automatically create master Item and BOM records from the product configurator.
- Use product configurator to select options and generate pricing, BOM and routing data.
- Information on the list of affected documents linked to the given item and revisions.



BOM & Manufacturing

- Dispatch BOMs via CAD interface to the shop floor.
- Release whole or part of BOM towards production.
- Select BOM routing from Work Order or Master.
- Communicate changes to BOM to the shop-floor before production.
- Track as-built Bill of Materials on re-manufactured equipment.
- Directly access respective BOM from within the Work Order that is scheduled on a particular work-center.
- Create work orders from a particular BOM. Provide BOM visibility to suppliers and vendors.

BOM & Cost

- Flexible cost rollup for single and multi-level BOMs.
- Auto-rollup of lower-level item costs to the higher-level item costs.
- Auto-reflection of changes done to a particular item across the entire BOM.

BOM & Quotations

- Copy top-level or multi-level BOM to quote estimate.
- Modify BOM and routing details after copying to quote estimate.
- Create BOM Routing Master From Quote.

BOM Revision Control

- Maintain a comprehensive revision history of BOM and routing.
- Save multiple BOM revisions and track its history right from its creation.
- Track and manage change requests through ECNs, edit history, user permissions and change approvals.

Since 1999, OmegaCube has consistently believed in building and delivering powerful products with a single philosophy,

No two companies operate exactly the same, and they need flexibility in their systems in order to sustain their competitive edge, always.

Begin your first step towards business growth through automation!
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