Manufacturing

BENEFITS

Manufacturing Bill of Materials in Microsoft Dynamics GP

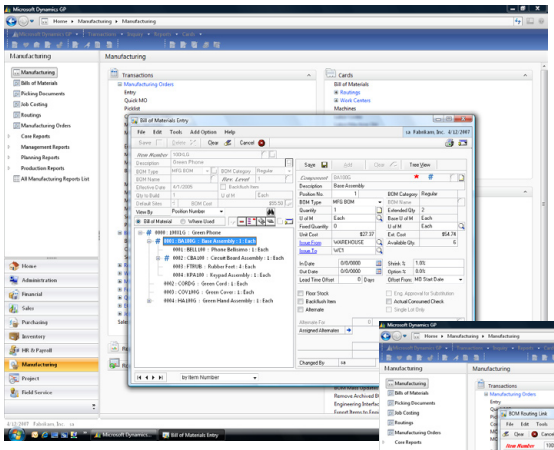
Deliver complete, consistent, and current product information. Manage materials, components, and assemblies more precisely—including costs, locations, and routing sequences—to gain tighter control of finished goods, reduce costs, and increase productivity and profitability.

By tightly integrating different types of bills and customized definitions into manufacturing operations, Manufacturing Bill of Materials in Microsoft Dynamics™ GP helps you improve performance, support time-to-market and time-to-volume objectives, and respond to shortages. This enables you to ensure that materials are where they should be, when they are needed.

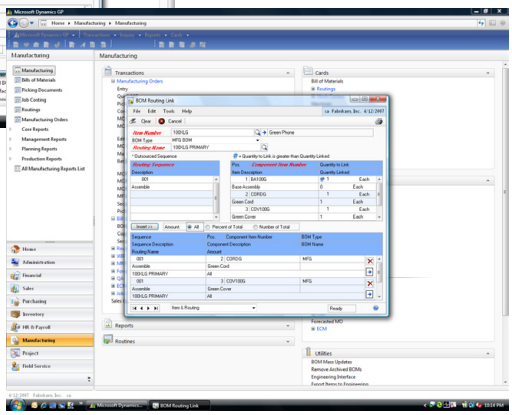
Build better, more flexible bills of materials. Create different types of bills that meet the specific needs of your products: engineering bills, manufacturing bills, configured bills, archived bills, even super bills that manage all options on the configurable products you produce.

Track with greater accuracy. Maintain an active bill of materials for each item to track components currently in use and manage bills in production. Engineering bills make visible the effects of engineering change orders on costs and integrate easily with other applications.

Improve production processes. Exert more control over manufacturing by precisely managing the details of product components. Getting a firm handle on parameters like start and end dates, lead times, and shrinkage factors can help drive down cycle times, increase throughput, and make you more competitive in accelerating markets.



GAIN FLEXIBLE CONTROL over inventory and production processes with a tree-view graphical bill of materials for entry and inquiry.



DELIVER MATERIALS where they are needed by linking components in routings for bills of materials.

Microsoft Dynamics GP

BILL OF MATERIALS

Work easily with intuitive, graphical bills for entry and inquiry. By keeping bills of materials precise and up to date, and helping to ensure materials are available when needed, you can improve inventory record accuracy and production process efficiency.

- Update entries, edit revision levels, and save revision histories.
- Modify existing bills of materials and change categories—for example, from Phantom to Regular—at any time.
- Trace components back to their parent items.
- Maintain an unlimited number of archived bills, as well as create phantom bills for subassemblies that do not get stocked as an inventory item.
- Modify component attributes such as lead time offset, effective dates, and shrinkage factors.
- Implement changes quickly by adding, removing, or editing a component on multiple bills of materials in one step.

FEATURES

Manufacturing Bill of Materials	
Graphical Bill of Materials	Access an easy-to-use interface that makes it easy to complete data entry, edit revision levels, save revision histories, and change categories—for example, from Phantom to Regular—at any time.
Reference Indicators	Help ensure error-free production with reference designators that indicate where a component will be used on a finished good.
Recipe or Formula Production Support	Specify the order in which items appear on the bill of materials (BOM) and pick list with BOM position numbers. Include multiple instances of an item used in different production sequences.
Mass Update of Bills of Materials	Implement changes quickly by adding, removing, or editing a component on multiple bills of materials in one step.
Easy Access to Engineering	Attach an unlimited number of drawings to bills of materials to ease understanding of critical elements and build instructions.
Easy Subcomponent Identification	Where-used lookups simplify identification of subcomponent usage within other products.
Usage Assessment	Attain better insight into materials utilization. Set subassemblies or raw materials to be backflushed or record real-time usage during production. Assess genuine usage by applying scrap and shrinkage factors to components.
Rich Component Tracking Detail	Track component quantities per finished good unit, as well as a fixed quantity per manufacturing order.

Manufacturing Bill of Materials	
Multiple Measurement Capability	Bill components may be entered in any unit of measure that exists on the components Unit of Measure schedule.
Designated Security Levels	Set up bill preferences to reflect the information you want to be available to specific users.
New Engineering	
Mission-Critical Information Management	Maintain precise management control of mission-critical information for key production parameters like effective dates for finished goods and components, revision levels, shrinkage factors, Issue From and Issue To sites, and make/buy status.
Comprehensive Tracking	Track shipping weights as well as units of measure.
Fulfillment Designation	Define production methods as Make-to-Order or Make-to-Stock.
Lot Management	Enter the number of days from purchase or manufacture to when the items in the lot are no longer suitable for use.

For more information about Manufacturing Bill of Materials in Microsoft Dynamics GP, visit www.microsoft.com/dynamics/gp.

Microsoft