



SOFTWARE FOR MANUFACTURING & DISTRIBUTION
MICROSOFT DYNAMICS GP™
BUSINESS SOFTWARE DEVELOPMENT

mfgPOWERPACK

MFG PowerPack is a suite of tools and enhancements for Dynamics GP Manufacturing. It spans the Manufacturing, Service, Inventory, Purchasing, and Sales Modules, with the common denominator being a focus on providing tighter integration across the Dynamics GP core modules and Manufacturing.

Capable To Promise (CTP) Inquiry

calculates the maximum quantity of an item that could be made immediately given available inventory, and ranks the component items based on inventory availability to give the user a quick overview of which components are build-limiting factors.

Configurator - Require "Included" Options

prevents un-selecting configuration options in Sales Configurator that have been set as "Included" options.

Configured BOM Auto-Naming

automatically generates a BOM Name in Sales Configurator based on the SOP Number and SOP Line Number.

Item Copy

provides quick setup of new inventory items by copying all of the setup from an existing item to a new item. Among the records copied by Item Copy are:

- Item Maintenance (Item Vendors, Item Sites, Price List, etc)
- Bill of Materials (Mfg BOM, Super BOM, etc)
- Routings
- Sales Configurator setup
- Quality Assurance setup

Item Valuation Update

sets the Valuation Method of service items so they can be used on the GP Bill of Materials. Since

service items do not normally have a valuation method, the BOM Entry window will not allow them to be used.

Lot Number Mask

creates pre-defined lot numbering formats used to auto-generate lot numbers. You can define incrementing sequences that are maintained by the system. Lot Number Mask also adds the ability to auto-generate both Lot and Serial Numbers from every transaction in Dynamics GP (Sales Transactions, Purchase Order Receipts, Inventory Transactions, and Manufacturing Orders).

MO Document Types

provide the ability to have unlimited Manufacturing Order document numbering sequences.

- MO Document Types enables creating a Document Type (such as "PROTO" for prototype manufacturing orders) and a Document Number (such as "PROT0001").
- MO Document Types makes it easy to group particular types of orders together.

MO Split

splits a large Manufacturing Order into any number of smaller orders.

- MO Split divides one large order into smaller orders that fit better with work center capacity.
- The split MOs are still linked to the Sales Order.
- A new **SOP-MOP Inquiry** window shows a complete Sales Transaction with all of its linked manufacturing orders.

Picking Bin Update

enables quickly changing the Issue From and Issue To Bin for all items on a Picklist.

Power ATP

adds numerous enhancements to the Dynamics GP Inventory Available to Promise window, such as:

- Includes MRP Planned MOs and POs in the ATP calculation
- Color codes the ATP calculation to make it easy to spot shortages
- Allows changes to dates to see impact of rescheduling an MO or PO
- Allows changes to quantities to see impact of bumping up or down an MO or PO
- Can include multiple sites at one time in the ATP calculation
- Can create MOs directly from the ATP window
- Can include Lot Numbers by expiration date in the ATP calculation

Proposed Cost Update

Sets the proposed material cost equal to the last purchase price for purchased items in a Standard Cost environment. This utility automates an important first step in the Standard Cost Revaluation process, by automatically updating raw material costs.

Purchase Order Revision Levels

tracks an Item Engineering Revision Level for each PO Line. Maintain a change history of PO Line Rev Levels, and print the current Rev Level for the item on Purchase Order and Receiver. The Rev Level maintained on the PO Line can be different than the current Rev Level from Item Engineering.

Quick Disassembly

uses the GP Manufacturing Bill of Materials to disassemble inventory items into component parts. This tool creates a simple disassembly transaction based on an Inventory Adjustment, and is ideal for manufacturers needing a simple method to take apart an item and get the components back into inventory.

QuickWIP

When using backflushing, QuickWIP provides a way to set Actual Start/Finish date/time on a routing sequence, or to simply mark the Done box.

Serial Number Auto-Generate

automatically pre-assigns serial numbers when a manufacturing order is created.

- Especially useful when Sales Configurator is being used to create manufacturing orders, since the sales user normally does not have access to MO Entry.
- When creating manufacturing orders, this utility eliminates the manual step of pre-assigning serial numbers.

Serial Number Mass Entry

copies a list of serial numbers from an external source (Excel, text file, email), and pastes them into any Serial Number entry window in Dynamics GP. Save time and reduce errors over manual entry. Serial Number Mass Entry works with SOP, POP, Inventory, Manufacturing and Service.

Service Equipment Suite

The Service Equipment Suite consists of:

- Automated Configuration Builder - when an Equipment Record is created from Sales Transaction Entry, the Configuration Builder will automatically create a Configuration record using the SOP Number, add the Equipment Record to the Configuration, then search for all linked serial numbers in the MOP Serial-Lot linking and create Equipment Records for those linked serials. These new Equipment Records are also added to the

Service Configuration.

- Customer Class Extensions - provides the ability to specify warranty codes at the Customer Class level which override the default warranty codes specified in Service Setup.
- Equipment Customer Changer - swap the Customer assigned to an Equipment Record, and automatically roll that change through all levels in the Configuration.

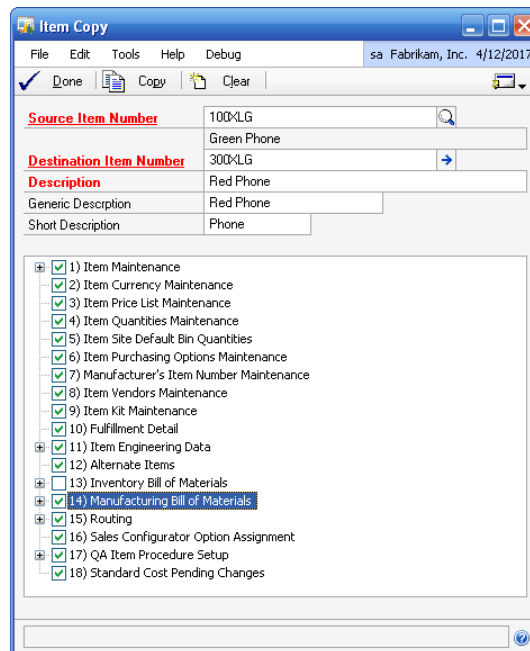
SmartParts

is a "logical" part number generating tool. It supports creating an unlimited number of Part Numbering Masks. The Mask then guides users in creating new part numbers by presenting lists of pre-defined selections for each segment of the part number.

Where Used Inquiry

displays the position of any component in a graphical, multi-level, indented bill of materials.

- All parent items that contain the component are displayed
- The bills are exploded to the level containing the component, which is clearly marked with a red dot to facilitate quick identification.



Item Copy quickly creates new Items by copying all of the setup data from a Source Item.