LeanMFG is a complete manufacturing suite for Dynamics GP specifically designed for smaller manufacturers, and those whose processes include disassembly, batch, and multi-product production. Targeted for the Business Essentials customer, LeanMFG provides flexibility and ease-of-use which appeals to all users. It does not require Dynamics GP Manufacturing, and can be used alongside it to provide disassembly.

**Lean MFG includes:**

- **Bill of Materials**
  
  The Bill of Materials supports Regular, Phantom, Reverse, Disassembly, Batch and Multi-Product bills of material. The BOM was designed to comply with the guidelines of the National Electronics Manufacturing Initiative (NEMI) Perfect BOM Team

- **Electronic Router**
  
  supports detailed work instructions, and electronic capture of in-process data entry

- **Manufacturing Order**
  
  supports easy, on-the-fly changes to consumed materials

- **Extended Lot Attributes**

**Bill of Materials Maintenance**

The LeanMFG BOM supports a multi-level standard and phantom bill. Additionally, the Reverse and Disassembly Bills allow deconstructing a starting material into its component parts.

The Batch Bill, shown above, allows creating a formula bill where the component quantities are calculated in relationship to a specified Batch Quantity.

The Multi-Product bill supports multiple inputs and outputs on a single work order.
Bill of Materials support Regular, Disassembly, and multi-product bills.

**Manufacturing Order Entry**

The MO Entry window clearly displays inputs and outputs, and allows the user to quickly add additional materials as needed. Create new manufacturing orders based on existing BOMs, or create a Manual MO by adding items on-the-fly. Create regular assembly orders, or disassembly, multi-product, or reverse orders.
Extended Lot Attributes

Extended Lot Attributes (ELA) provide the ability to create an unlimited number of user-defined Lot Attributes. ELA can be licensed alone, without LeanMFG. With ELA you can set Lot Attributes as required, turn an attribute into a Lookup field, automatically calculate Expiration Date based on Manufactured Date, and more.

Lot Attribute Maintenance setting a Required Attribute

And new Item Lot Attribute Maintenance window allows editing Lot Attributes on existing Lot Numbers.