BILL OF MATERIALS (BOM)

Latitude ERP

Turning parts into profit

In today's competitive market, system assemblers must be in absolute control of every aspect of their production and replenishment operations. Managing shared inventory for sales and assembly, tracking warranties, accurate asset valuations and maximizing purchasing power are critical. Latitude's Bill of Materials module gives you the control and the integration to manage your assembly as an integral part of your overall business. With BOM, you'll be able to track everything from drawing and change order numbers to quality control and personnel.

What's the information worth?

Component costing and support lets you know, to the minute, the value and volume of your resources on the production floor. During order entry, Latitude's BOM can generate cost estimates based on last or standard costs. You can also add the expense of non-asset costs like labor and overhead. Latitude's Bill of Materials standard or actual costing methods can be calculated in multiple currencies against multiple cost factors allowing you to take advantage of the global environment.

With Latitude's BOM integrated into the other Latitude operational modules, you have a powerful tool for increasing the efficiency of your production process. When a sales order is generated, a production order of the assembly of components can automatically be processed through BOM and Inventory Control. When new inventory is allocated for a production run, the inventory is immediately reduced from the "available for sale" quantity and reflected as component usage on the standard replenishment reports. The Replenishment Management module will automatically replenish component stock as necessary which eliminates any confusion between disparate departments.

Plan and execute light assembly happening on or off premises using recipe based BOM's or fully nested or embedded BOM's.

- Use any type of product as a component
- Display any BOM components on-line to assist in the determination of product assembly information
- Attach notes and assembly instructions at any point in the BOM
- Track bills by comparing two revisions of a BOM on-screen at the same time
- Accurately price and assemble using powerful Unit of Measure conversions
- Track everything from drawing and change order numbers to quality control and personnel
- Add expenses of non-perpetual costs such as labor
- Create lotted or serialized bills and lotted or serialized components
- Identify sub-bills during the order process, edit them, and display them in a multi-level hierarchy
- Know that stock on hand for sales and replenishment recognizes BOM commitments.

Apero Solutions
ERP • WMS

Quite frankly, it's one of the most robust and flexible suites of inventory management applications available.

Component and system tracking

Latitude's Bill of Materials processor provides a complete environment to create complex manufactured or assembled products when you need to keep track of all your raw material and subassemblies. Latitude's BOM allows for the production of serialized or lotted bills and serialized or lotted components, maintaining full warranty tracking for all serialized or lot products. Full integration to the RMA module ensures absolute accuracy, enhancing your customer service and maximizing your supplier's responsibility.

Planning and configuration

In order to facilitate product configuration, Latitude's unique inventory attribute systems can be attached to the bill. Attributed bills can have product default components with overrides or additions at the attribute stage. When you're dealing with complex components, you can identify sub-bills during the BOM process, edit them, and display them in an indented multi-level hierarchy.

BOM allows unlimited planning. Multi level bills can be produced in various quantities to provide multiple production scenarios and to minimize product costs. The ability to compare any of the multiple revision levels, one against another, allows you to evaluate effective cost control methods.

Bill of Materials helps to streamline production by prioritizing production orders, sorting production worksheets in user determined sequences, defining minimum production run sizes, identifying potential production bottlenecks based on production orders or component quantities ordered, and even storing production lead times for application to later orders.

To clarify any of these processes, unlimited text can be associated at any point in the BOM using Latitude Notepads.

Corporate wide integration

Bill of Materials is completely integrated with Inventory Management, Purchase Order, and Distribution Management. This integration ensures that the entire company is always working with the same inventory and the same information.

Latitude brings it all together in one clean and consistent solution so that you can focus on outputs and profit.

Apero Solutions
ERP • WMS