



Manufacturing - Bill of Material

Fitrix ERP Manufacturing Module

“Everybody in the company touches it (Fitrix), which is the whole purpose of an ERP system. It’s clear we wouldn’t have been able to do the kind of business we’re doing right now without the package.”

John Maydonovitch
President and CEO
MCE, Inc.

The Bill of Material module identifies a standard list of items, or components, required to produce a different, or parent, item. It defines the relationships between items being produced and the items needed to produce them. A produced item can be composed of one or more items which might be purchased, assembled, fabricated or changed in some way to create a new item. This new item may be sold directly, or used itself to make another item in a product’s structure.

These bills of material are used by other modules within Fitrix to streamline business processes, provide effective planning tools, and to manufacture products in a consistent and timely manner.

Production Order Processing – uses standard bills of material when creating production orders to manufacture products. The standard bill is copied to the production order bill as a starting point

Material Planning – uses standard bills of material to plan strategic production and purchases, in support of a longer term production plan

Bill of Material

Generate multiple, single-level or indented bills of materials to plan and produce standard items, or customize for individual, make-to-order products.

Fitrix Bill of Material Module

Features/Function Highlights

Item Maintenance

Global entry option

Departmental entry option

80 character description

User-Defined units of measure

Purchase unit of measure with
conversion

Multiple user-defined reference
table entries

Multiple user-defined fields

Single-Level and cumulative lead-times

Phantom items

Inventory and non-inventory items

Unit cost breakdown includes Material, Labor, Setup,
Overhead, Outside Process

Direct access to additional maintenance for Bill of Material,

Standard Routing, Warehouse balances

Unlimited notes for additional description

Bill of Material Maintenance

User-defined component sequencing

Multiple uses of same component with same parent

Component links to standard routing

Bill of material copy

Component mass replace

Component mass delete

Bill of material delete

Component effectivity dates

Alternate components

Parent component notes

User Defined Tables

Product code

Group code

Commodity code

Accounting code

EOQ Calculator

Analyzes movement history to determine optimum order quantity

CMLT Calculator

Analyzes indented bill of material, standard routings to determine
overall time to buy/make

Level	Bill	Sequence	Component	Rev Lvl	Description	M/F	Pth	Quantity Per Unit	User 1	User 2
1	MFG	07	PC OS		PC OPERATING SYSTEM	P	0	1.000000		
1	MFG	08	PC OTHER OS		PC OTHER SOFTWARE	P	0	1.000000		
1	MFG	09	SYSTEM UNIT	A	SYSTEM UNIT ASSEMBLY	M	1	1.000000		
.2	MFG	0901	ENCLOSURE		DESKTOP ENCLOSURE	P	0	1.000000		
1	MFG	01	DISK DRIVE	A	HARD DISK	P	0	1.000000		
1	MFG	02	KEYBOARD	A	KEYBOARD 102-KEYS	P	0	1.000000		
1	MFG	03	MONITOR	A	24" MONITOR	P	0	1.000000		
1	MFG	04	MOUSE	A	MOUSE	P	0	1.000000		
1	MFG	05	USB KIT	A	USB FLASH DRIVE	M	1	1.000000		
.2	MFG	0501	USB ADAPTER	A	USB ADAPTER	P	0	1.000000		
.2	MFG	0502	USB CABLE		USB CABLE 6FT	P	0	1.000000		
1	MFG	06	ROUTER		WIRELESS ROUTER	P	0	1.000000		
..3	MFG	090101	POWER SUPPLY		PC POWER SUPPLY	P	0	1.000000		
..3	MFG	090102	WIRING STRAPS		PC WIRING STRAPS	P	0	2.000000		
.2	MFG	0902	I7 PROCESSOR		I7 PROCESSOR	P	0	1.000000		
.2	MFG	0903	PC MEMORY		MEMORY CHIP 2 GB	P	0	2.000000		

Inquiries

- Item - departmental format
- Bill of material:
 - Single level format
 - Indented format
 - Access to notes
- Component where-used:
 - Single level
 - End item

Reports available include:

Reports

- Item list - departmental formats
- Sales catalog - quick reference for pricing, description
- Bill of material:
 - Single level format
 - Indented format
- Component where-used:
 - Single level
 - End item