

# Distribution - Solomon



Define, analyze, and manage your company's products with Microsoft® Business Solutions–Solomon Bill of Materials. Comprehensive features in three important manufacturing categories – bill of materials, production routings, and product costing – provide support for costing and production of manufactured and assembled goods.

B E N E F I T S

## BILL OF MATERIALS

### View

costs, change orders, inventory information, and site information for any bill of materials component.

The screenshot displays two windows from the Microsoft Business Solutions–Solomon software. The top window, titled "Bill of Material Structure (11.320.00)", shows a hierarchical tree of components for "DUCKCART01" (Duck, 4-wheeled Cart, with tether). The tree includes sub-components like AC-DUCKASSY, AC-CARTASSY-01, AC-WHEEL02, AC-AXLE 6, AC-CART01, AC-TETHER01, AC-ROPE 3/8-30, AC-TBALL, AC-GLUE C01, and AC-GLUE C01. The "BOM Info" tab is active, showing current K11 costs (indented) for various categories: Direct Material (229.95), Direct Labor (0.00), Direct Overhead (0.00), Labor Fixed Overhead (0.00), Labor Variable Overhead (0.00), Machine Fixed Overhead (0.00), Machine Variable Overhead (0.00), Material Fixed Overhead (0.00), and Material Variable Overhead (0.00), with a Total Standard Cost of 229.95. The bottom window, titled "Mass Component Maintenance (11.510.00)", shows update options (Replace, Delete, Insert, Modify) and a table of component changes. The table has columns for Original Component ID, Original Site ID, New Component ID, New Site ID, BOM ID, and BOM Site ID. The data rows are as follows:

Original Component ID	Original Site ID	New Component ID	New Site ID	BOM ID	BOM Site ID
AC-GLUE C01	MFG	AC-GLUE 02	MFG	HORSECART01	MFG
AC-GLUE C01	MFG	AC-GLUE 02	MFG	DUCKCART01	MFG
AC-GLUE C01	MFG	AC-GLUE 02	MFG	AC-CARTASSY-02	MFG
AC-GLUE C01	MFG	AC-GLUE 02	MFG	AC-CARTASSY-01	MFG

### Manage

bulk deletion, replacement, insertion, or modification of a component across multiple bills of material.

### Manage product structures

View product structures using a familiar "explorer" type tool, navigating up and down the tree that represents the parent/child relationships between parts. Identify items to be used in the manufacturing process and what quantities are required, adjusted by designated scrap factors.

### Define production routings

Define and document how the parts to be used in the manufacturing process are to be assembled and processed. For each bill of material, you may define a corresponding routing—from simple, using minimal labor information, to complex, focusing on move and queue time.

### Roll up standard costs

Build on product structures and routings to help you roll up standard costs, whether you are valuing your inventory at standard cost, or using one of the actual costing methods supported by Microsoft Solomon Inventory. The robust update and rollout cost tools will make your job easier.

### Execute plans flawlessly

Use your pre-established multi-level bill of material to relieve inventory for all components and increment inventory for final assembly using the rolled-up cost. Flexible production entry helps you to easily execute your manufacturing plans.

### Monitor inventory

Using backflushing inventory deductions, production entry can explode sub-assemblies into component requirements, helping ensure that you keep accurate inventory levels for component, sub-assembly, and finished goods items.

AVAILABLE WITH:

- SOLOMON
- SOLOMON STANDARD

## BILL OF MATERIALS | FEATURES AND FUNCTIONALITY

<b>Powerful Product Structuring</b>	Define product structures on a multi-level basis, along with the instructions for how to build the manufactured item. Use these definitions to establish and manage standard costs.
<b>Multi-Level Flexibility</b>	“Nest” single-level bills in any order to define a multi-level bill, thereby facilitating the multi-level manufacturing, documentation, and cost rollup processes.
<b>Robust Inventory Control</b>	Maintain a unique bill of material for each site defined in your inventory system. The same graphical representation is used to find where a particular part is used throughout your Microsoft Solomon Bill of Materials definitions.
<b>Integrated Work Order Support</b>	Build the products you have engineered using work orders to track work-in-process, including product structures and production routings.
<b>Simplified Kitting and Assembly</b>	Robust product definition—including parent/child relationships, product routing, and full cost roll-up—enable easy management of production and assembly requirements.
<b>Cost Control and Planning</b>	Bill of Materials supports multiple costing methods while providing roll-up for accurately costing production plans. Robust overhead allocations and variance distributions provide cost visibility in the planning and production of finished goods.
<b>Adaptable Planning</b>	Gain the flexibility to build as planned or change the plan on-the-fly at a site level. Bill of Materials allows you to adapt business plans to meet changing production, material, and labor requirements.
<b>In-Depth Reporting</b>	Sample Reports include a Bill of Material List, Component Where-Used Lists, Standard Cost Change Preview, and many others—so you have access to robust information at your fingertips.