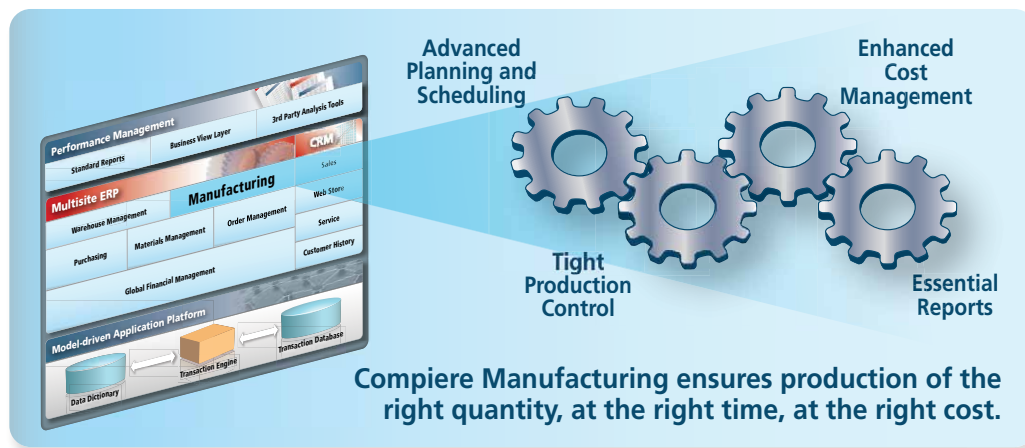


Compiere® Manufacturing

Plan. Control. Streamline.

Compiere Manufacturing, a Consona ERP solution, is an end-to-end planning and control solution that streamlines and automates critical business processes resulting in lower manufacturing costs and improved efficiencies. It is a tightly integrated, industrial-strength manufacturing solution encompassing all aspects of manufacturing including MRP, Production Control, Cost Management, and Reporting. And it is low cost, available on-premise or using cloud computing.



ADVANCED PLANNING AND SCHEDULING

Compiere Manufacturing includes a robust MRP engine and uses forecasts, customer orders, and inventory levels to create a material plan and automatically generates both purchase orders and work orders. A Planners Workbench provides visibility into gross and net demand based on available inventory, open purchase orders and open work orders. Compiere Manufacturing re-plans dynamically through scheduled runs or manual launches. Now, materials are available to manufacturing in the right quantities at the right time to meet customer demand.

TIGHT PRODUCTION CONTROL

Tight control of manufacturing operations is key to increasing efficiencies and reducing costs. Compiere Manufacturing automatically generates work orders based on the schedule created by MRP, and the corresponding routings and operations needed to manufacture an item, sub-assembly, or final assembly. Multi-step routings with an unlimited number of mandatory or optional operations provide flexibility and control. Movements of labor, material, and scrap are tracked in detail for additional control.

ENHANCED COST MANAGEMENT AND REPORTING

Controlling costs is an essential goal in a manufacturing operation. Material, labor, overhead, and job order costs in Compiere Manufacturing are calculated and tracked in detail. Core reports such as job value analysis and production reporting allow insight into corrective action. A flexible report writer provides management, operational, or ad-hoc reporting and analysis.

LOW COST, ADAPTABLE AND MODERN PLATFORM

Compiere Manufacturing is a fraction of the cost of traditional manufacturing systems. It replaces high upfront license fees and ongoing maintenance costs with a low cost, user-based subscription fee. Built on a modern, highly adaptable application development platform, it can be customized without programming – a first in the ERP industry – lowering deployment costs even further. Compiere's advanced migration tool eliminates the high costs of migrating customizations to new releases. All built on the latest technology to provide a modern, browser-based interface, and with the choice to deploy it on-premise, SaaS, or on the Cloud.

DATA SHEET

Compiere Manufacturing Benefits

INCREASE EFFICIENCIES WITH

- Improved plant operation
- Advanced Planning using Planners Workbench
- Optimized on-hand and shop floor inventory
- Controlled production using Multi-step Routing

LOWER PRODUCTION COST WITH

- Reduced waste in manufacturing process
- Improved collaboration between organizations & suppliers
- Enhanced Cost Management through detailed cost tracking, reporting and analysis

INCREASE CUSTOMER SATISFACTION WITH

- Efficient management of work orders
- Enable work-to-order by directly linking sales orders to work orders
- Flexibility to re-plan quickly based on changes in customer demand
- Visibility into production to track work-in-process inventory

REDUCE OPERATING EXPENSES WITH

- Low user-based subscription fees
- Rapid adaptation to changing business requirements using the model-driven architecture
- Elimination of retrofitting customizations using automated migration technology
- Choice of Amazon's low cost Cloud infrastructure

Compiere[®] Manufacturing

Summary of Compiere Manufacturing Capabilities

BILL OF MATERIALS

- Multi-level Bill of Materials
- Multiple Bill of Materials Versions
- Push and Pull Supply Types

MATERIAL REQUIREMENTS PLANNING

- Supply and Demand Planning
- Raw Material, WIP, Finished Goods, and Spare Parts Planning
- Consolidation of Multiple Forecasts
- Planned Purchases and Work Orders Generation
- Planners Workbench
- Bulk Purchasing and Manufacturing Orders from Pegging Inquiry
- Agile Order Management
- Supply Chain Visibility
- On Hand and Shop Floor Inventory
- Make vs. Buy Decision Management
- Comprehensive Drill-down

PRODUCTION CONTROL

- Standard Work Order Creation using Bills and Routings
- Multi-Step Routings with Optional Operations
- Material and Resource Transactions
- Precise Production Control Management and Execution
- Batch Transaction Entry
- Forward or Backward Work Order Scheduling using Infinite Capacity Scheduler
- Resource Definition, Usage and Rates
- Automatic or Manual Resource Charging

- Ad-hoc Routing with Material and Resource
- Standard Operation Templates
- Attachments Support for Safety Sheet and Shop Floor Related Collateral
- Scrap and Returns Handling
- BOM Components Link to Operations
- Sales Orders Link to Work Orders
- Repair and Refurbish Work Orders

COST MANAGEMENT

- Cost tracking of:
 - Material
 - Material Overhead
 - Resources
 - Work Center Overhead
- Standard Cost Support
- Job Variance Analysis
- Assembly Cost Roll-up
- Job Value Analysis
- Overhead Calculation

REPORTING

- Production reporting
- Job value analysis
- Cost Management Reports
- Flexible Report Writer

INTEGRATION

- Purchasing
- Materials Management
- Order Management
- Global Financial Management

AVAILABILITY

Please contact Consona at (888) 826-6766 or info@compiere.com to discuss your business needs.

ABOUT CONSONA ERP

Consona products support the needs of a wide range of distribution and manufacturing companies, including Compiere—the world's leading open source and cloud-based ERP business solution. Created in 1999, this award-winning software has been downloaded over 1.8 million times and is deployed worldwide by companies of all sizes. Powered by a revolutionary model-based platform, Compiere is a comprehensive, modern, highly-adaptable and low cost ERP solution available from Consona and partners operating in more than 40 countries. Compiere ERP solutions are available on-premise or on the Cloud.

For more information, please visit www.compiere.com.

CONSONA CORPORATION

450 East 96th Street, Suite 300
Indianapolis, IN 46240

tel (888) 826-6766 or
(317) 249-1700

fax (317) 249-1999

email info@compiere.com

websites www.consona.com

www.compiere.com

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Plan.
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Compiere[®] Work Order: 1000007 - Garden Shed

Tenant: GardenWorld
Accounting Schema: GardenWorld_US/AUS/Dolar
Work Order No: 1000007
Work Order Type: Standard
Doc Status: Completed
Product Assembly: Garden Shed
BOM: Mfg BOM
Quantity: 5
Qty Available: 0
Material Variance: 0.00
Overhead Variance: 0.00

Organization: HQ
Currency: USD
Warehouse: US Distribution Center
Work Order Class: SM

Routing: Primary Routing - Garden Shed
Quantity Assembled: 5
Quantity Scraped: 0
Material Overhead Variance: 0.00
Resource Variance: 160.00

Work Order Line	Line Type	Operation	Work Center	Product / Resource	Cost Element	Material Val
1000016 - 05/07/2009	Component Issue to Work Order	AD1 - Assembly	Assembly Workshop	Door	Standard Costing	250.00
1000016 - 05/07/2009	Component Issue to Work Order	AD1 - Assembly	Assembly Workshop	Roof	Standard Costing	500.00
1000016 - 05/07/2009	Component Issue to Work Order	AD1 - Assembly	Assembly Workshop	Wood Panel	Material Assembly Overhead	0.00
1000016 - 05/07/2009	Component Issue to Work Order	AD1 - Assembly	Assembly Workshop	Wood Panel	Standard Costing	500.00
1000019 - 05/07/2009	Resource Usage	AD1 - Assembly	Assembly Workshop	Carpenter	Resource	0.00
1000019 - 05/07/2009	Work Order Move	PD1 - Painting	Painting Shop	Garden Shed	Painting Shop Overhead	0.00
1000020 - 05/07/2009	Component Issue to Work Order	000 - Common	Assembly Workshop	Patio Furniture Set	Mfg Material	600.00
1000020 - 05/07/2009	Component Issue to Work Order	000 - Common	Assembly Workshop	Patio Furniture Set	Resource	0.00
1000020 - 05/07/2009	Component Issue to Work Order	PD1 - Painting	Painting Shop	Paint	Standard Costing	25.00