

Satisfy Customer Requirements While Maintaining Optimal Inventory Levels Using the Powerful Acumatica Manufacturing Edition MRP Planning Tool

Generate time-phased manufacturing and purchasing plans for optimal inventory availability tied to forecast and customer demands. Reduce inventory while improving customer service and avoiding shortages.

MRP DISPLAY

- This core MRP screen shows the planner exactly what needs to be purchased and/or produced.
- All supply and demand can be viewed from this one centralized location.
- Production and Purchase Orders can be created directly from this screen.

FULL REGENERATION

- Schedule regeneration to run anytime, day or night.
- All existing planned orders for all items are eliminated.
- MRP starts over, calculating gross and net requirements, and then replans what materials are required to either be produced or purchased.

MASTER PRODUCTION SCHEDULE

- Drive your plan and your plant from the Master Production Schedule (MPS).
- MRP plans all requirements based upon MPS.
- MPS will be treated as a pre-planned production order and will act as a supply for other demand requirements.

KEY BENEFITS

COORDINATE ACTIVITIES

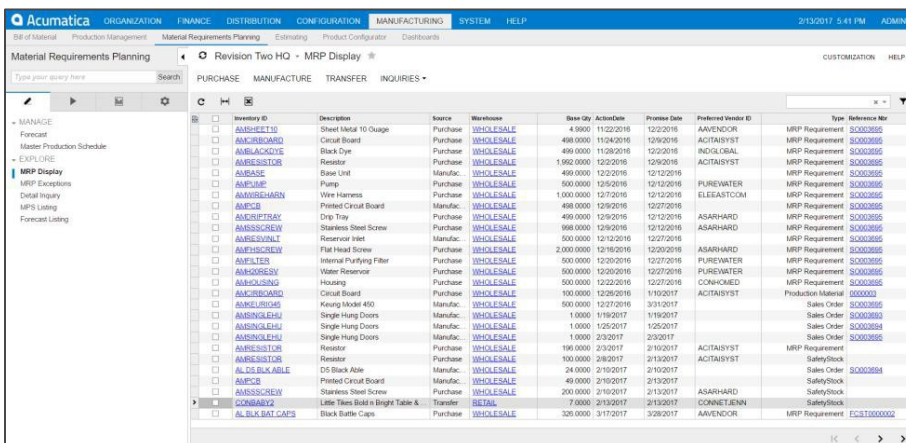
- Manage your entire business with complete, real-time information for your operations
- Coordinate labor, machines, and inventory and optimize your company's processes

STAY ON ONE PLATFORM AS YOU GROW

- Adapt the software to meet your changing needs
- Leverage powerful features and functions for multiple production environments

MRP EXCEPTION MESSAGES HANDLE PROBLEMS WITH EASE

- Shows the planner recommendations to defer, expedite, and delete supply items
- Identify late orders and display any transfers that are available from another warehouse or site



Inventory ID	Description	Source	Warehouse	Base Qty	Action Date	Promise Date	Preferred Vendor ID	Type	Reference Mbr
AMSCCT10	Sheet Metal 10 Gauge	Purchase	WHOLESALE	4.9000	11/22/2016	12/2/2016	AVENDOR	MRP Requirement	SC000395
AMBLACK02	Black Dye	Purchase	WHOLESALE	469.0000	11/26/2016	12/2/2016	ACTIABYST	MRP Requirement	SC000395
AMBLACK02	Resistor	Purchase	WHOLESALE	1.992.0000	12/2/2016	12/9/2016	ACTIABYST	MRP Requirement	SC000395
AMBLUB	Blow Unit	Purchase	WHOLESALE	449.0000	12/2/2016	12/12/2016		MRP Requirement	SC000395
AMBLUB	Pump	Purchase	WHOLESALE	500.0000	12/2/2016	12/12/2016	PUREWATER	MRP Requirement	SC000395
AMBLUB	Wire Harness	Purchase	WHOLESALE	1.000.0000	12/7/2016	12/12/2016	ELEFASTCOM	MRP Requirement	SC000395
AMBLUB	Printed Circuit Board	Manufacture	WHOLESALE	468.0000	12/9/2016	12/27/2016		MRP Requirement	SC000395
AMBLUB	Drip Tray	Purchase	WHOLESALE	469.0000	12/9/2016	12/12/2016	ASARHARD	MRP Requirement	SC000395
AMBLUB	Stainless Steel Screen	Purchase	WHOLESALE	968.0000	12/9/2016	12/12/2016	ASARHARD	MRP Requirement	SC000395
AMBLUB	Reservoir Inlet	Manufacture	WHOLESALE	500.0000	12/2/2016	12/27/2016		MRP Requirement	SC000395
AMBLUB	Flat Head Screw	Purchase	WHOLESALE	2.000.0000	12/16/2016	12/20/2016	ASARHARD	MRP Requirement	SC000395
AMBLUB	Internal Purifying Filter	Purchase	WHOLESALE	500.0000	12/20/2016	12/27/2016	PUREWATER	MRP Requirement	SC000395
AMBLUB	Water Reservoir	Purchase	WHOLESALE	500.0000	12/20/2016	12/27/2016	PUREWATER	MRP Requirement	SC000395
AMBLUB	Housing	Purchase	WHOLESALE	500.0000	12/20/2016	12/27/2016	CONAMED	MRP Requirement	SC000395
AMBLUB	Circuit Board	Purchase	WHOLESALE	100.0000	12/26/2016	1/10/2017	ACTIABYST	Production Material	000003
AMBLUB	Keyping Motor 400	Manufacture	WHOLESALE	500.0000	12/27/2016	3/31/2017		Sales Order	SC000395
AMBLUB	Single Hung Doors	Manufacture	WHOLESALE	1.0000	1/16/2017	1/16/2017		Sales Order	SC000395
AMBLUB	Single Hung Doors	Manufacture	WHOLESALE	1.0000	1/25/2017	1/25/2017		Sales Order	SC000395
AMBLUB	Resistor	Purchase	WHOLESALE	1.0000	2/3/2017	2/3/2017		Sales Order	SC000395
AMBLUB	Resistor	Purchase	WHOLESALE	100.0000	2/8/2017	2/13/2017	ACTIABYST	MRP Requirement	SC000395
AMBLUB	D5 Black Able	Manufacture	WHOLESALE	24.0000	2/10/2017	2/10/2017		Sales Order	SC000394
AMBLUB	Printed Circuit Board	Manufacture	WHOLESALE	49.0000	2/10/2017	2/10/2017		SafetyStock	
AMBLUB	Stainless Steel Screen	Purchase	WHOLESALE	200.0000	2/10/2017	2/13/2017	ASARHARD	SafetyStock	
AMBLUB	Little Tiles Bolt In Bright Table A	Transfer	RETAIL	7.0000	2/13/2017	2/13/2017	CONNETHENN	SafetyStock	
AMBLUB	Black Bottle Caps	Purchase	WHOLESALE	320.0000	3/17/2017	3/28/2017	AVENDOR	MRP Requirement	FC01000002

Maintain optimal inventory levels while keeping your customers happy

MATERIAL REQUIREMENTS PLANNING FEATURES AND CAPABILITIES

Forecasting

Forecasts can be calculated or entered manually. These forecasts can be dependent and consumed by sales orders, or they can be independent. Input forecasts as one-time, weekly, monthly, or yearly.

MRP Detail

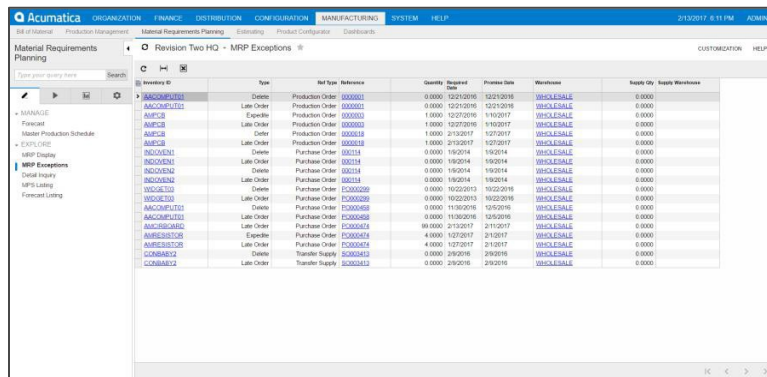
Review and execute the complete material plan through MRP screens that show all activity, orders, requirements, balances, and recommendations for an inventory item.

Bucketless System

Enhance your manufacturing resource planning by planning every requirement for every item. Acumatica MRP does not ignore detail by grouping requirements together.

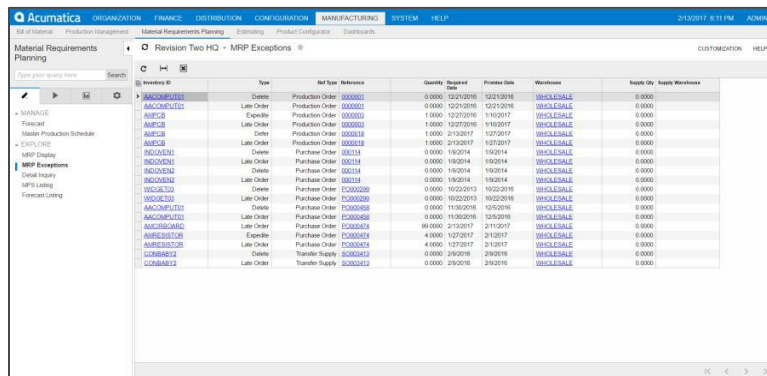
Multi-Site Planning

Controls whether MRP will plan requirements by site or by a combination of sites.



Inventory ID	Type	Ref Type	Reference	Quantity Required	Process Date	Warehouse	Supply Qty	Supply Warehouse
ACCOMPL101	Debit	Production Order	0000001	0.0000	12/21/2016	12/21/2016	WHSLEASLE	0.0000
ACCOMPL101	Late Order	Production Order	0000001	0.0000	12/21/2016	12/21/2016	WHSLEASLE	0.0000
AMECIB	Expense	Production Order	0000003	1.0000	12/27/2016	1/10/2017	WHSLEASLE	0.0000
AMECIB	Late Order	Production Order	0000003	1.0000	12/27/2016	1/10/2017	WHSLEASLE	0.0000
AMECIB	Order	Production Order	0000018	1.0000	2/12/2017	1/27/2017	WHSLEASLE	0.0000
AMECIB	Late Order	Production Order	0000018	1.0000	2/12/2017	1/27/2017	WHSLEASLE	0.0000
INCOEN11	Debit	Purchase Order	0001014	0.0000	10/20/14	10/20/14	WHSLEASLE	0.0000
INCOEN11	Late Order	Purchase Order	0001014	0.0000	10/20/14	10/20/14	WHSLEASLE	0.0000
INCOEN12	Debit	Purchase Order	0001014	0.0000	10/20/14	10/20/14	WHSLEASLE	0.0000
INCOEN12	Late Order	Purchase Order	0001014	0.0000	10/20/14	10/20/14	WHSLEASLE	0.0000
WHSLE103	Debit	Purchase Order	0000009	0.0000	10/22/2013	10/22/2016	WHSLEASLE	0.0000
WHSLE103	Late Order	Purchase Order	0000009	0.0000	10/22/2013	10/22/2016	WHSLEASLE	0.0000
ACCOMPL101	Debit	Purchase Order	0000008	0.0000	11/30/2016	12/5/2016	WHSLEASLE	0.0000
ACCOMPL101	Late Order	Purchase Order	0000008	0.0000	11/30/2016	12/5/2016	WHSLEASLE	0.0000
ACMSR102	Late Order	Purchase Order	0000024	80.0000	2/12/2017	2/12/2017	WHSLEASLE	0.0000
AMRES102	Expense	Purchase Order	0000024	4.0000	12/20/17	2/12/2017	WHSLEASLE	0.0000
AMRES102	Late Order	Purchase Order	0000024	4.0000	12/20/17	2/12/2017	WHSLEASLE	0.0000
COBMS12	Debit	Transfer Supply	0000043	0.0000	2/9/2016	2/9/2016	WHSLEASLE	0.0000
COBMS12	Late Order	Transfer Supply	0000043	0.0000	2/9/2016	2/9/2016	WHSLEASLE	0.0000

Handle exceptions with ease



Inventory ID	Type	Ref Type	Reference	Quantity Required	Process Date	Warehouse	Supply Qty	Supply Warehouse
ACCOMPL101	Debit	Production Order	0000001	0.0000	12/21/2016	12/21/2016	WHSLEASLE	0.0000
ACCOMPL101	Late Order	Production Order	0000001	0.0000	12/21/2016	12/21/2016	WHSLEASLE	0.0000
AMECIB	Expense	Production Order	0000003	1.0000	12/27/2016	1/10/2017	WHSLEASLE	0.0000
AMECIB	Late Order	Production Order	0000003	1.0000	12/27/2016	1/10/2017	WHSLEASLE	0.0000
AMECIB	Order	Production Order	0000018	1.0000	2/12/2017	1/27/2017	WHSLEASLE	0.0000
AMECIB	Late Order	Production Order	0000018	1.0000	2/12/2017	1/27/2017	WHSLEASLE	0.0000
INCOEN11	Debit	Purchase Order	0001014	0.0000	10/20/14	10/20/14	WHSLEASLE	0.0000
INCOEN11	Late Order	Purchase Order	0001014	0.0000	10/20/14	10/20/14	WHSLEASLE	0.0000
INCOEN12	Debit	Purchase Order	0001014	0.0000	10/20/14	10/20/14	WHSLEASLE	0.0000
INCOEN12	Late Order	Purchase Order	0001014	0.0000	10/20/14	10/20/14	WHSLEASLE	0.0000
WHSLE103	Debit	Purchase Order	0000009	0.0000	10/22/2013	10/22/2016	WHSLEASLE	0.0000
WHSLE103	Late Order	Purchase Order	0000009	0.0000	10/22/2013	10/22/2016	WHSLEASLE	0.0000
ACCOMPL101	Debit	Purchase Order	0000008	0.0000	11/30/2016	12/5/2016	WHSLEASLE	0.0000
ACCOMPL101	Late Order	Purchase Order	0000008	0.0000	11/30/2016	12/5/2016	WHSLEASLE	0.0000
ACMSR102	Late Order	Purchase Order	0000024	80.0000	2/12/2017	2/12/2017	WHSLEASLE	0.0000
AMRES102	Expense	Purchase Order	0000024	4.0000	12/20/17	2/12/2017	WHSLEASLE	0.0000
AMRES102	Late Order	Purchase Order	0000024	4.0000	12/20/17	2/12/2017	WHSLEASLE	0.0000
COBMS12	Debit	Transfer Supply	0000043	0.0000	2/9/2016	2/9/2016	WHSLEASLE	0.0000
COBMS12	Late Order	Transfer Supply	0000043	0.0000	2/9/2016	2/9/2016	WHSLEASLE	0.0000

Generate highly accurate forecasts with a few clicks

ABOUT ACUMATICA

Acumatica is the world's fastest growing provider of cloud ERP, with the industry's highest customer satisfaction rating trusted by companies across diverse industries. Acumatica is easy-to-use, full-featured and mobile software. With unlimited users, everyone can have a real-time view of your business anytime, anywhere.

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