FlexMFG Discrete is designed for make-to-stock/make-to-order manufacturers. It seamlessly operates with Acumatica ERP and comprehensively supports the *dynamic* forecast-to-manufacture-to-collection workflows; plus "same as except" customer order driven workflows associated with this industry. FlexMFG combines modern, internet savvy software and dashboard technologies, and is designed for operations where complex work center and machine management is not required.

FlexMFG Discrete is comprehensive –

- Demand is per forecasting tool, production plan or a sales order -- from which a work order(s) and traveler(s) are generated.
- BOM's consist of both labor and material, may be of unlimited indentures, and serialized at any and all levels, plus dynamically modifiable at any time during the planning OR production cycles.
- An MRP routine determines raw material requirements with PO's automatically generated. (The logic factors core EOQ, vendor lead time and safety stock replenishment logic.)
- Labor is managed via a graphical capacity planning tool. A scanning function lets workers enter time *without* consuming a named user license.
- Upon completion of work orders material and labor costs are consumed which allows cost of goods sold analysis. Multiple valuation methods, e.g. standard, actual, average, etc., are supported.

SUPPORTS MAKE-TO-STOCK AND MAKE-TO-ORDER OPERATIONS….

LIGHT MANUFACTURING JOB SHOP MODULE

WORK ORDER: 001593				
PRODUCTION ITEM				
120488 - Liquid Flouride Thorium Reactor				
LOCATION	UOM	PLANNED	ACTUAL	EMPLOYEE
STOCK	EA	1.00	1.00	

DATE	RELATED JOBS	LOT		
5/30/2019	001593			

LABOR/NON STOCK ITEMS	EMPLOYEE	UNITS	PLANNED	ACTUAL
Labor, HW Prep & PC Support 295110		HOUR	8.00	
Labor, Laser Alignment 295120		HOUR	13.00	
Labor, QA/Inspection 295280		HOUR	1.00	
Labor, Warehouse WOLF 295190		MINUTE	30.00	
MATERIALS	LOCATION	UNITS	PLANNED	ACTUAL
Cable, C...e, 550...lt, Black, 7'				

Full Feature Bill of Materials, Serialization

BOM's may include stock and labor items. FlexMFG organizes material items into version controlled BOM and supports cost roll-up adding material and labor costs to establish cost of goods sold for finished good.

Supports serial and lot control at finished good, raw material and every BOM indenture (unlimited BOMs within BOMs). Serial control extends to allocations logic supporting scrap management.

Dynamically Modify BOM During Plan or Production, On-Demand MRP

Build to forecast or hard allocate to Sales Order where FlexMFG automatically creates work order with BOMs for production where BOM may be modified at any time. Includes assembly documentation necessary for production.

THE ACUMATICA ERP DIFFERENCE

Acumatica delivers a full suite of integrated business management applications unlike any other ERP solution on the market today.

STREAMLINE OPERATIONS

Manage your business more efficiently:

- Automate processes
- Control workflows
- Access the system from anywhere on any device—including mobile
- Promote collaboration with all-inclusive user licensing

ADAPTABLE SOLUTION

Add and extend:

- Deploy in-house or in a private or public cloud
- Easily configure your solution to fit your needs
- Add capabilities such as CRM or data visualization at any time
- Extend to other solutions and applications beyond ERP

YOUR BUSINESS ACCELERATED

Get a single version of the truth:

- Accelerate business performance and make smarter decisions with automated processes, real-time data collection, financial analyses, and forecasting
- No per user pricing – system scales as your business grows

Supports MRP explosion for auto-replenishment. FlexMFG queries inventory balances and, per order policies, automatically creates purchase orders to fulfill requirements for BOM assembly. Supports backflush.

Supports Assembly Operations Without Complex Work Center Maintenance

Schedule work per integrated schedule board. Capture labor at each phase of production process. Schedule board automatically indicates available capacity.

Automatically generates scannable routers and kit labels. Multiple ways to capture labor (for billing) and compare planned to actual.

FlexMFG DISCRETE FEATURES AND CAPABILITIES

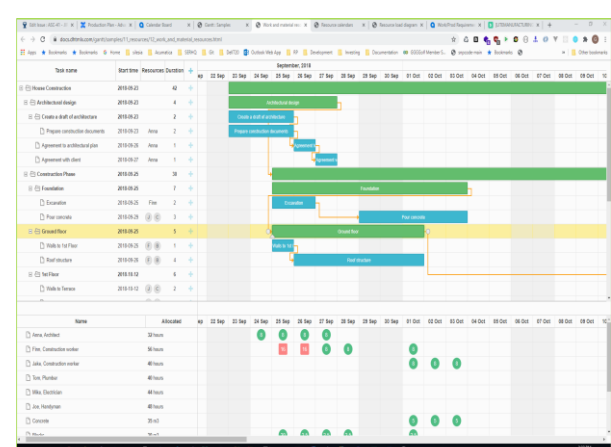|	
Manage Manufacturing with Low Cost Module	• Provides manufacturers a low cost, low overhead means to manage operations. • Cost roll-up reports provide valuable margin analysis to assess product cost/value.
Compatible with Warranty and Asset Tracking Module	• Warranty and Asset Tracking • Written in Acumatica xRP Framework • Upgrade compatible
Replace Excel Spread Sheets	• Provides ERP controls for manufacturing operations within a single data base. Provides tools to assure product availability to meet demand. • Eliminates duplicated data entry regarding item availability and purchase orders.
Reduce Errors and Increase Productivity with Auto Replenishment Feature	• Replenishment assures correct items are purchased to meet demand eliminating costly errors. • MRP determines materials for weekly, monthly, quarterly and annual production plans or specific items or sales orders. Logic automatically triggers PO's. Augments auto-replenishment logic for individual items/BOMs.

FlexMFG DISCRETE MODULES

Forecast Module

Schedule Work Orders & Labor

ABOUT ADVANCED SOLUTIONS & CONSULTING CO.

Advanced Solutions & Consulting Co. (ASC) is a founding Acumatica VAR with MVP status. We deliver ISV solutions for supply chain and accounting applications. Our solutions are written in native Acumatica. They address complex ERP requirements extending Acumatica's market breadth and competitiveness.

ASC automates ERP functions to save customers (and their VAR's) serious time and money.

Contact us today to get started: CONTACT SALES | +1 877 590-4ERP | sales@solutionsco.com

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