

# Production Management

## When Manufacturing is Your Business™

Your company's overall goals may not always be aligned with individual departmental goals. In the past, lack of meaningful and timely information has contributed to these profit-robbing conflicts. JAMS --- JAAS Advanced Manufacturing Software, provides the information alignment needed to reduce these organizational inconsistencies.

JAMS was written to integrate seamlessly with Microsoft Business Solutions-Solomon's application suites. By leveraging MBS-Solomon's flexible architecture, JAMS has created an environment that is easy to manage, yet powerful. JAMS readily provides the information needed by manufacturers to remain profitable in a changing marketplace.

JAMS is a series of application modules designed to provide real time enterprise solutions for many different types of manufacturers. The principals of JAAS have over 100 years of experience in the design and implementation of manufacturing systems. When combined with Solomon, JAMS provides the most cost effective manufacturing system in the mid-range market today.

### Data Easily Entered, Easily Viewed

JAMS has been written utilizing Solomon's flexible screen management techniques and parameter driven fields. These provide the end user with selectibility and flexibility in the tedious function of data entry. Production Orders can be generated quickly, with as little information as the assembly and quantity to be produced. Selectibility and flexibility is also evident in the way JAMS allows you to check your raw material availability using the Critical Materials feature before releasing your production order. Optionally, JAMS has the ability with its backflush feature to move material transactions from raw material directly to finished goods. Labor may also be backflushed individually or in combination

with material.

### Efficient Production Order Processing

Production Orders and the materials required for their fulfillment are traditionally released in a series of manual steps. JAMS can automate this function if desired. The Release Production Order function will allow you to release all or selected Production Orders and print the Production Ticket. Materials can then be released manually, or the Wizard will automatically present all materials needed by these orders.

Production Order Maintenance (AM.P10.00)

Prod Nbr: W0000036 Prod Date: 12/30/2003 Status: Released

Inventory ID: ST-1000 Site: LA

Standard Pen

General | References | Event History | Totals

Qty To Produce: 4.00

Unit: EA

Qty Completed: 0.00

Qty Scrapped: 0.00

Whse Location: 01A01

Scheduling

Constraint: Finish On

Const Date: 12/25/2003

Priority: 5

Start Date: 12/25/2003

Ending Date: 12/25/2003

Critical Materials Lot / Serial

0060 SYSADMIN 2/6/2004

The Production Order Maintenance Screen has been optimized for ease of data entry.

## Visual Utilization

From the Work Center Maintenance screen, Work Center Capacity can be established: by shift, crew size or machines. Efficiencies can also be set for each shift. As production orders are released, the Work Center utilization may be graphically displayed and compared to capacity. This utilization can be displayed for the day, week or month.

## Production Management Planning Module Features:

- Multi-Company/Multi-Site Support
- Material Release Supports Lot and Serial Numbers
  - Supports Alternate BOMs
  - Auto Release Production Orders
- Labor Transactions interface into Solomon Payroll Time Entry
- Production Performance Analysis
  - Infinite Capacity Scheduling
  - Revision Level Support
  - Tools and Assembly Aid Costs
  - Move Transaction Function
- Complete Event History for On-line Audit
- Apply Overhead for Activity Based Costing

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