

INFIMACS II® Data Sheet

Integrated Financial and Manufacturing Control System

Inventory Control

FUNCTIONS

- Material Movement
- Work Order/Purchase Requisition Control
- Demand/Supply Tracking
- Work Order Component Backflush Capability

FEATURES

Inventory Item Control

- Track/Issue Inventory by Item/Condition Code
- Inventory Tracking by Project or Job Number
- Inventory Tracking by Work Order Number
- Lot/Serial Control (Optional)
- Inventory Commodity Codes
- Cycle Count Tolerance (Quantity and Dollar)
- Cycle Count Approval Override
- Count Tag Generation
- Blank Tag Generation
- Count Frequency by ABC Classification
- Unplanned Issues/Receipts
- Standard or Actual (Moving Weighted Average) Costing
- Stock Location (Primary/Secondary Indicator)
- Stock Location Transfers
- Scrap Out of Inventory
- Location Defaults (Issue From, Receive To)
- Inventory Transaction Purge
- Inventory Policies by Division
- Order Sizing Policy by Item Number
- Safety Stock Policy by Item Number

- MRP Policy by Item Number
- Supply Types for Tools, Machines, Labor, Design or other Attributes
- Lead Times (Manufacturing, Vendor, Inspection)
- Yield Factor
- Maximum Order Quantity by Item Number
- Substitute Item Specification
- Item Source Codes (Make, Purchased, Subcontract Purchased)
- Transactions by User ID and Date/Time

Order Control

- Work Order Status
- Work Order Component Issues
- Work Order Component Scrap
- Work Order Receipt into Stock
- Work Order Routing Extract
- Work Order Purge to History
- Mass Firm Work Orders
- Independent Demand Orders, Issues, and Transfers
- Independent Demand Purge

Purchase Requisition Control

- Purchase Requisition Status
- Mass Firm Requisitions

REPORTS

Inventory

- Supply/Demand Analysis by Item
- Inventory Master File

- Inventory Value
- Item Usage History
- Item Reorder Point
- Stock Status by Location
- Stock Status by Location (Costed)
- Inventory Transaction Audit
- Inventory Tags Generated (Physical or Cycle Count)
- Items To Be Counted
- Missing Tags
- Cycle Count Reconciliation
- Inventory Transaction History
- Inventory Value Based on Material/Labor/Overhead/Subcontract
- Work In Process Valuation
- Inventory Non-nettable Stock
- Bar-code Output Available on Many Reports

Orders

- Work Order Cost Report
- Work Order Shortage
- Work Order Supply
- Work Order Demand
- Work Order Pick List by Component or Bin Location
- Work Order Batch Allocation
- Work Order History
- Independent Demand Orders
- Independent Demand Pick List

ABC Classification

- ABC Analysis
- ABC Reclassification

Inventory Control

SUMMARY

INFIMACS II Inventory Control serves as the hub for all material transactions, monitoring and controlling the execution of the material plan. Inventory Control maintains the inventory attributes for items, allows review of the current time-phased material plan for an item, maintains work orders and purchase requisitions, and records all material movements and stock adjustments.

All items are initially entered in the Production Engineering module and those that are active are automatically copied to the Inventory Control Item Master file. Inventory policies and attributes (e.g. ABC class, ordering policy, safety stock policy, MRP policy, lead time) can then be modified or automatically assigned using commodity codes.

Through Inventory Control, a real-time requirements analysis for each item is available in date sequence. Each supply/demand record is labeled with the item number driving demand (single level pegging) and includes the order number and type (e.g. customer order, purchase requisition, work order), due date, order status, and a running inventory balance. The planner can review requirements, enter or alter a work order, perform an on-line allocation check, and review shortage informa-

tion. Any changes made to ensure that supply meets demand are immediately reflected on the requirements analysis screen; a planner can see the impact of any decision immediately after making it.

Work orders are maintained by INFIMACS II Inventory Control, and the system supports allocation of items on an order-by-order basis. This provides the ability to commit limited supplies to specified orders and protects from over-committing material. Work order allocations are combined with allocations from sales orders, purchase orders, and independent demands to determine total commitments. Work order routings, established in the Shop Floor Control module, can be tracked through Inventory Control for current information on work orders and their stage of production.

Pick lists may be printed by item number or by bin location. Furthermore, notes entered on the bill of materials can be printed on the pick list, ensuring that this information is reliably communicated from engineering to the manufacturing floor. Pick lists can be printed with bar-coded data for use with existing data collection systems or Relevant's RF Material Data Collection module.

Purchase requisitions are also maintained through Inventory Control. The Material Require-

ments Planning (MRP) module can generate a firm requisition or suggest an order quantity and due date to be reviewed by the material planner or purchasing agent. Planned requisitions must be changed to firm status prior to their release to purchasing.

All material movements and stock adjustments are processed on-line, ensuring that the planner is always working with the most current information. Inventory items are valued according to your costing policy (standard cost or moving average actual cost) and can be carried forward to the Manufacturing Cost Control module and General Ledger. An audit trail is maintained by posting all inventory transactions to history, identified by user and date/time.

INFIMACS II Inventory Control supports your inventory requirements, whether using wall-to-wall or cycle counting. INFIMACS II generates physical inventory and cycle count tags, and performs ABC analysis based on your criteria. A complete set of reports is available for printing or on-line review. INFIMACS II Inventory Control is a decision support tool that allows the inventory planner to meet the production plan.