

INFIMACS II® Data Sheet

Integrated Financial and Manufacturing Control System

Lot/Serial Control

FUNCTIONS

- Lot Number Tracking
- Serial Number Tracking

FEATURES

Lot/Serial Tracking

- Lot or Serial Traceability by Item
- Traceability for All Material Transactions
- Range of Serial Numbers for Multiple Items
- Serial Numbers can be Assigned to Batches
- On-line Quantities by Lot
- Lot Splits
- Full Configuration Management
- Complete Audit Trail by Lot/Serial Number

REPORTS

Lot/Serial Tracking

- Where Used by Lot/Serial Number
- Bill of Materials by Lot/Serial Number
- Purchase Order Receipt Tracking by Lot/Serial Number
- Item Stock Status by Lot/Serial Number
- Lot/Serial Number Status

SUMMARY

INFIMACS II Lot/Serial Control provides for full lot/serial number traceability through the materials system. This capabil-

ity ensures the integrity and configuration management of critical parts and products.

Lot/serial options are defined at the system level. Once one of these options is activated, individual items are defined to be controlled by either lot number or serial number, or by item number (not lot or serial tracked) on the part master file.

When a part is defined as being tracked by lot number or serial number, that tracking is enforced throughout all material transactions for that item and upward through its parent items. For purchased items, lot or serial numbers are required for the full quantity of receipt, and are entered as part of the receiving transaction. For receipts with many serial number tracked items, ranges of numbers may be entered. A running total of items accounted for with lot or serial number assignments is displayed, thereby ensuring that the entire received quantity is properly identified prior to completion of the transaction. Furthermore, the system checks current inventory to ensure that duplicate numbers are not assigned.

On subsequent inventory transactions, lot and serial traceability is enforced upward through the item's bill of material structure. The lot or serial number and quantity is required on all

material issues. To assist the user, all of the lot or serial numbers for the part being issued, as well as the quantity available for issue, can be displayed.

Stock status reports and pick lists are printed with lot/serial number detail. Alternately, a lot or serial number can be entered that will yield the part number, quantity, and location(s) where it is stocked.

Configuration records are maintained for every lot and serial controlled item. When a "controlled item" is placed into another "controlled item," a relationship record is established. This is similar to a bill of material relationship, and ensures the capability to do "where used" analysis by lot or serial number, as well as top down "explosions" to identify which lot and serial controlled items have gone into a finished assembly.

When the product is shipped to the customer, a record is created to show the sales order number, shipping date, shipping quantity, and the lot or serial number shipped.

INFIMACS II Lot/Serial Control offers a full range of reports by lot and serial number to ensure its effectiveness in your manufacturing environment.