# OmegaCube Technologies

# OmegaCube ERP
## Inventory Management

### Data Sheet

## Inventory Management

OmegaCube's Inventory management enables manufacturers and distributors to be on top of their inventory at all times.

It helps them maintain optimum inventory level by letting them plan, procure, build, manage and track inventory in real time.

They can efficiently manage inventory procurement, storage, movement, tracking, genealogy, costing, and ownership.

## Inventory Movement & Transactions

- Transfer between warehouse & plant location. Transfer between plants.
- Create multiple storage locations under each warehouse.
- Maintain comprehensive record of warehouses
- Link warehouses to inventory locations, business unit, plant, orders etc.
- Reserve required material quantity before they are posted.
- Consignment transaction.
- Receiving and put away.
- Perform inventory adjustments.
- Record and track scrap transactions.

## Product Data

- Comprehensive product categories, classifications.
- Advanced Bill of Materials (BOM) management with multi-level BOM and routings.
- Definition for serial/lot control, non-inventory items, stocked inventory and purchased items.
- Master inventory location list includes shipping, receiving, quality hold, warehouse, work center & vendor locations.
- Create Material Requirement Planning (MRP) profiles for speedy planning and procurement.
- Multiple Unit of Measurements (UOM) for enhanced flexibility.
- Shipping classification.
- Maintain a master list of tools, tool sets, dies, and fixtures.
- Customer and vendor part number cross reference.
- Integrated document management to store part drawings and photographs.

## Inventory Balances

- Track in-hand and available inventory.
- Monitor allocated and reserved inventory.
- Track on-order and in-transit inventory.
- Monitor inventory movement and aging.
- Keep a tab on inventory inspection & storage.

## Location & Bin Management

- Get flexible location numbering by creating dedicated and dynamic location numbers.
- Allocate storage bins based on categories (item types) & other classification.
- Track shelf life and obsolescence of each material stored.
- Instantly record material details on arrival.
- Conduct inventory counting using cycle count or full inventory methods.
- Suggested put away and picking location assignments.

## Kanban Control

- Electronically manage Kanban cards.
- Replenishment of Kanban in Purchasing, Manufacturing, Material Movements. Integrate bar-code technology with Kanban.
- Create multiple Kanban cards for an item with different Kanban types in item master.
- Scan Kanban card no. when material is withdrawn or replenished in to a Kanban Bin
- View Kanban transactions and Alerts using Kanban Cards report.
- Trigger jobs through Kanban.

## Reporting & Analysis

- Benefit from inventory trend and usage analysis tools available in the system
- Standard reports and user-editable reports.
- Complete history of goods procured, stored and utilized with drill down capability.
- Integrated business intelligence reports.

## Inventory Stock Management

- Schedule inventory pick-up, put-away, consignment in real-time.
- Perform inventory counting using cycle count or full inventory methods.
- Utilize bar codes to count inventory and reduce errors.
- Use parameters like Item types, location and warehouse to perform counting operations.
- Identify goods movement, cost trends, slow moving and obsolete inventory.
- Make decisions regarding EOQ, safety stock and reorder points.

## Serialization & Lot Control

- Track lot-levels for perishable goods, harmful products, and commodities with expiration date.
- Issue own SKU codes specific to the product or services.
- Assign a unique lot number whenever inventory is created for an item that can be stocked.
- Complete history of genealogy from vendor to manufacturing to customer.
- Configure lot number generation sequences using tools.
- Assign lot numbers during goods receiving, work order completion, inventory creation, nested layout completion, & new lot creation.
- Get details on Items, Unit of Measurements,
- Cost data, lot transactions, location-wise balance, & dimensional item info.
- View lot hierarchy & how a lot is manufactured using different raw material/sub assembly lots.
- Serial number history for repairs and returns. Track item warranty via serial numbers.

## Stock Enquiries

- Quantities by warehouse and locations.
- Serial numbers and lots.
- Allocation details.
- Stock movements.
- Available to promise.
- Projected stock quantities.

## Material Replenishment

- Calculates reorder points and EOQ.
- User defined safety stock.
- Calculates period of coverage and lot sizes.
- Supports min/max.
- MRP computations.

## Physical Inventory Counting

- Perform inventory counting using cycle count or full inventory methods.
- Enter, review and validate physical counts.
- Maintain last count data by item.
- Use parameters like Item types, location and warehouse to perform counting operations.
- Utilize bar codes to count inventory and reduce errors.

Since 1999, OmegaCube has consistently believed in building and delivering powerful products with a single philosophy,

*No two companies operate exactly the same, and they need flexibility in their systems in order to sustain their competitive edge, always.*

Begin your first step towards business growth through automation!
**Get in Touch** with us today.

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