OmegaCube ERP
Supply Chain Management

Data Sheet

Supply Chain Management

OmegaCube ERP's Supply Chain Management enables manufacturing and distribution enterprises to improve collaboration with suppliers and order goods and services at the right place, with the right quality at the right time.

They can automate procure to pay process, reduce spending on goods, track materials, anticipate goods ordering and keep inventory in check at all times.

Electronic Data Interchange (EDI)

- Transact with trading partners for order, releases, ASN and invoices.
- Connect to on-premises or online EDI translation packages.
- Use Excel based EDI processor for trading partners where only a download is available. Automatically compute net change in demand.
- Benefit from automatic integration into MRP and scheduling modules.
- Utilize exception handling workbench to evaluate supply shortages.
- Get multiple interface options i.e. Direct, Text and XML based.
- Supports hosted option.
- Supports file formats such as, ANSI X.12, EDIFACT, Odette, XML, CSV, VDA etc.
- Supports communication protocols such as, AS2, HTTPS, FTP, FTPS, SFTP and OFTP2 etc.

Supplier Portal

- Access purchase order details such as PO release, date, quantity, delivery due date, product configuration, taxation etc.
- Access payment, credit info, taxation and invoice details.
- Provide Advanced Shipping Notice (ASN) and goods receiving info.
- Provide access to customer demand and forecasting data for a seamless material procurement.

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 Economic Order Quantity (EOQ), safety stock and reorder points.

MRP Triggers for Supply

- System generated actions to create requisitions, PO or RFQs to suppliers.
- Consider Lot size for supply triggers.
- Generate releases to blankets from MRP trigger.
- Trigger creation of sub-assembly work orders.
- Trigger creation of picking and shipping transactions.
- Automatic exception generation for excess supply in make-to-order environments.

Purchase Requisitions and RFQ

- Create purchase requisitions with default suppliers.
- Approval process for requisitions. Automatic conversion of requisitions to PO upon approval or RFQ.
- Include multiple line items and vendors per RFQ.
- Review and approve awards to vendors on an RFQ and convert to PO.
- Enable users to request items.
- Electronically process requests based on user roles.

Supplier Returns

- Enter manually or copy from PO/receipts.
- Track return reasons.
- User-defined rules to replenish original POs.
- Credit memo generation.

Vendor Data

- Maintain detailed vendor data including ratings and approval.
- Requisitions and RFQ.
- Enable users to request items.
- Electronically process requests based on user roles.

Material Purchasing

- Arrive at material requirements using MRP output and in conjunction with the purchasing module.
- Add or create existing purchase orders from MRP.
- Consolidate multiple purchases into a single PO per supplier and reduce tons of paperwork.
- Create and release blanket POs to suppliers from MRP.

Inventory Balances

- Track in-hand and available inventory.
- Monitor allocated and reserved inventory.
- Track on-order and in-transit inventory.
- Inventory movement and aging.
- Inspection or storage.

Goods Receiving

- Receive goods and outside service purchases by PO and due dates.
- Receive inventory based on lot or serial number.
- Receive using mobile devices and tablets.
- Assign storage locations for received goods.
- Generate bar code labels and receiving documents.
- Perform quality inspections and manage returns process efficiently
- Receive inventory in full or partial quantities.
- Real time update of received goods to inventory.
- Automatically generate AP invoices.

Reporting and 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.

Integrated MRP

- Utilize MRP output to determine purchasing requirements.
- Create or add to existing purchase orders from MRP.
- Automatically compute and use Lot sizes for purchasing.
- Consolidate purchases into one PO per vendor to reduce paperwork.
- Create blanket releases from MRP.

Vendor Performance

- Analyze reliability, quality and performance of vendors.
- Analyze on-time performance of vendors using On-time Receipts report.
- Get Key Performance Indicators (KPI) based on time and vendors.
- Analyze on-time performance done during the last one year period.
- Analyze top 10 vendors who supplied materials and services in the last one year.
- Access detailed vendor data including ratings and approval
- Review product quality, on-time performance by various parameters such as, item numbers, item type, vendor name, date etc.
- Publish performance and dashboard data to users based no role permissions.

MRP Alerts and Exceptions

- Automatically generated alerts and exceptions allow users to take actions to create, delay, expedite, or cancel supply, based on fluctuating demand.
- Predicts delay in schedule due to delays in purchasing.
- Generates exceptions for delays due to outside services purchase.

Supplier Performance and Analytics

- Gain insights from comprehensive metrics on supplier performance.
- Review supplier quality, on-time performance by various parameters like Item numbers, Item Type, and Vendor.
- Publish performance and dashboard data to users based on roles.
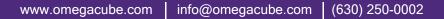
Integrated Accounting

- Create AP automatically from receiving.
- Create credit memo from returns.
- Track accrued purchased and pending bills.t
- Track variances in purchase price and AP price
- Monitor on-time deliveries and lead times.
- Access price history.
- Track Rejection rates and quality history.

Shipping and Distribution

- Track goods movement using third party. integration with bar-code and RFID technology.
- Instantly generate material certifications, Bill of Lading, invoice, and other shipping documentation.
- Maintain a master list of inventory locations to include shipping, receiving, quality hold, warehouse, work center, and vendor locations.
- Maintain a comprehensive record of warehouses and link them to inventory locations, business units, plants, orders, etc.
- Create multiple storage locations under each warehouse.
- Transfer inventory from one location to another using mobile and tablet devices.
- Record quality defects and compliance data at the time of goods receiving, quality inspection and dispatch.

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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