



CatalystCommand™ Warehouse Management

Reduce Inventory and Increase Throughput and Productivity

For many companies, managing distribution is not only a cost challenge but also a key component to staying competitive. Manual processes and outdated systems are expensive to maintain and need to be replaced with automated processes that will improve productivity, throughput, inventory accuracy, and customer service with faster deliveries and “perfect” fulfillment rates.

CatalystCommand Warehouse Management manages all aspects of distribution center warehouse operations from receiving and putaway to order selection, picking, loading and shipping. Built on a new open, modular technology platform, the system features standard interfaces for easier installation and tighter integration between your systems, applications and equipment. Benefits include reduced inventory, cost savings, higher throughput and improved customer satisfaction.

Benefit from Both Cross Docking and Flow Through Supply Chain Management

Catalyst is the first Supply Chain Execution supplier to offer both flow-through functionality and traditional warehouse management features in one system, allowing companies to streamline their operations.

- Flow-through is commonly used by retailers and provides the capability to receive product and send it directly to shipping without putaway or physical handling. In a true push system, very little product is stored as inventory. Instead, forecasts are developed globally from sales regions and products are managed through distribution centers where they flow through the distribution centre against pre-allocated demand, therefore significantly reducing inventory, handling costs and speeding up the process and service to the customer.
- For the traditional pull-environment warehouse, CatalystCommand offers cross docking to reduce the amount of storage and picking. Cross docking helps identify opportunities to satisfy outbound demand with incoming product and then efficiently processes the receipts to reduce handling, inventory and labor costs.

The benefits of flow and cross docking processes are significant cost savings generated through increased handling throughput with no increase in fixed costs, reduced labor and handling costs, and improvements in service and fulfillment levels.

Realize Profits Quickly

With CatalystCommand Warehouse Management, you'll generate increased profits quickly:

- Support RFID enabled processes
- Improve productivity
- Improve customer satisfaction
- Reduce inventory levels
- Enhance inventory accuracy
- Improve customer service
- Reduce operational costs
- Increase throughput
- Improve accuracy and responsiveness
- Increase on-time deliveries
- Optimize order fulfillment from a multi-warehouse base
- Improve workload balancing and planning
- Reduce MHE integration costs
- Gain access to Web-based supply chain visibility (order and inventory status, alerts)

We Make It Easy for You

CatalystCommand Warehouse

Management is easy to buy, implement and use.

Easy to Buy:

- Attractive pricing
- Easily identifiable return on investment

Easy to Install and Implement:

- No complex integration
- Expert implementation support
- Configuration strategies allow system to process item or order and can be changed by configuration; no need for code change
- Item Control
 - > Catch weight control
 - > Country of origin control
 - > Lot control
 - > Minimum Item life control
 - > Multiple packaging configurations
- Technology accommodates change and growth
 - > Component architecture
 - > Can be deployed on IBM , Sun, HP and Intel (Linux)
 - > Database support for Oracle and DB2
 - > Browser independence
 - > Conformance to emerging standards (UCC, XML, OAG, FDA, RFID)

Easy to Use and Operate:

- Graphically-rich user interface
- Web-based navigation with a familiar Internet look and feel
- Parameter-driven warehouse strategies to allow for change as your business evolves
- Real-time visualizations and graphics to keep you informed



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Optimizing the Enterprise Supply Chain™

Automate and Optimize a Full Range of Warehouse Management Functions

The system automates and optimizes a full range of warehouse management functions:

RECEIVING

- Electronically receives inbound shipment information and ASNs
- Receives against ASNs, orders and receipts without orders or unexpected receipts
- Provides critical insight into future shipments
- Forecasts staffing requirements based on volume and contents of inbound shipments
- Utilizes time standards to help determine unloading time for each trailer
- Performs value added services (VAS) such as ticketing, labeling, packing and hanging

PUTAWAY

- Follows configurable rule-based putaway strategies to help you utilize valuable space more efficiently
- Ensures accurate storage by controlling all putaway activity with RF scan validation
- Automatically directs employees to the best location

INVENTORY AND WORKLOAD MANAGEMENT

- Interleaves multiple types of work, such as putaway tasks cycle counts and picking in the same area, to eliminate unproductive employee travel time and excess labor/vehicle operation costs
- Real time reporting of warehouse activity, employee workload and capacity monitoring
- Analyzes demand and velocity, ensuring the right product is in the right pick area
- Provides the tools necessary to ensure that space utilization is kept at the optimum level
- Optimizes the assignment of work to the most appropriate vehicle
- Cycle counts
- Replenishes based on inventory levels and/or order demand
- Reduces need for physical inventory counts – done on a real-time basis; no need to shut down warehouse
- Captures and displays images of items and damaged product to assist in identifying and resolving quality issues

ORDER FULFILLMENT AND PICKING

- Flexible wave planning allows either an operator or the system to determine which orders are to be filled next
- Allows for selection of orders based upon an unlimited combination of user-defined criteria
- Provides workload modeling to assess labor and vehicle requirements before the work is released to the floor
- Supports unlimited operational methodologies for picking, including zoned, unzoned, order, batch, bulk and progressive (pick and pass) picking in the appropriate material handling units
- Supports user preferences with regard to picking media:
 - > Paper picking
 - > RF picking
 - > Pick to light
 - > Other mechanical methods

Seamless Integration

CatalystCommand Warehouse

Management integrates seamlessly with the following systems:

- CatalystCommand™ Transportation Planning, Execution and Reconciliation
- CatalystCommand™ iRFID
- CatalystCommand™ Labor Management
- CatalystCommand™ Simulation
- CatalystCommand™ Slotting
- CatalystCommand™ Yard Management
- CatalystConnect™ Supplier Quality
- CatalystConnect™ Supplier Link
- CatalystConnect™ International Trade
- CatalystConnect™ Visibility
- CatalystCompass™ Reporting
- CatalystCompass™ Alerts
- CatalystCompass™ Dashboard

Easily integrates with other non-Catalyst solutions. Pre-built adapters are available for integration with SAP, and open application interfaces make integration with internally developed or other third-party solutions fast and easy.

- System-directed picking ensures the most efficient travel paths
- Assigns most appropriate material handling vehicle
- Container selection provides appropriate size containers
- Outbound Value Added Services include:
 - > Ticketing
 - > Labeling
 - > Auditing
 - > Packing stations consolidate order into least amount of packages

LOADING AND SHIPPING

- Ensures that the right product is on the right trailer, in the right sequence
- Facilitates shipping via private fleets, common carriers, LTL, TL, parcel, and air freight
- Creates accurate, easy-to-generate documents such as packing lists, manifests and bills of lading
- Prints customer and carrier compliant shipping paperwork and labels
- Supports consolidation of shipping containers, maximizes cube utilization and reduces overall freight charges
- Generates outbound ASNs to notify customer

Save Time and Money from Scaleable Web-based System

CatalystCommand Warehouse Management is a Web-based application, which is superior to most other systems that are Web-enabled. Web-based systems reside on a “thin client” server or set of servers that can be located anywhere as long as they are accessible via the network. The server is the only component that needs updating.

Web-based systems cost less to deploy and offer better scalability that allows many more users to access and use the system simultaneously. They perform much better than web-enabled counterparts since only a fraction of information needs to be sent between clients and servers.

Contact Us Today

For more information on how CatalystCommand Warehouse Management reduces inventory and increase throughput and productivity, contact Catalyst International at www.catalystinternational.com.