

Supply Chain Execution

FOCUS ON COMPLETE CONTROL AND VISIBILITY

STREAMLINE INVENTORY ALLOCATION AND PICKING

EFFICIENT PACKING AND SHIPPING

QUEUE MANAGEMENT

TASK MANAGEMENT

INTEGRATED EDI AND MANIFEST SOLUTIONS

STREAMLINE RECEIVING

SUPPORT FOR 3PL BILLING

Epicor Supply Chain Execution (SCE) Suite is designed to extend and enhance the functionality of Epicor Supply Chain Management (SCM) to the shop floor, enabling you to quickly and efficiently capture real-time inventory transactions with ease. All inventory moves can be completed with a few simple scans using stationary, portable, wired or wireless (radio-frequency) equipment for real-time transacting of purchasing, distribution and work order information.

Within the SCE Suite, Epicor offers two distinct solutions. If your inventory control needs require simple automated data collection, you will likely be well-served by Epicor's Data Collection Suite. If you have more robust requirements for warehouse management, order fulfillment, and inventory control, Epicor's Warehouse Management System will be the right solution for you.

The screenshot displays the 'Allocation Management' window in the Epicor Supply Chain Execution - Warehouse Management System. The main table lists various allocation records with columns including Allocation, Location, Quantity, Cost, and various status indicators. Below the main table, there is a 'Detail Item View' section showing a breakdown of items with columns for Item No, Item Name, Unit, and Quantity.

Allocation	Location	Quantity	Cost	Order	Est	Location	Order Status	Dist Type	Priority	Ship Date	OP	Print Code	Customer Name	Cost 1
100.00%	100.00%	100.00%	52	221	0	Dallas	Open / Picked	Console Pick	0	5/4/2004	0		American Absolute, 1 HIGH	
100.00%	100.00%	100.00%	53	222	0	Dallas	Open / Picked	Console Pick	0	5/4/2004	0		American Absolute, 1 HIGH	
100.00%	100.00%	100.00%	54	223	0	Dallas	Open / Picked	Console Pick	0	5/4/2004	0		American Absolute, 1 HIGH	
100.00%	100.00%	100.00%	55	224	0	Dallas	Open / Picked	Console Pick	0	5/4/2004	0		American Absolute, 1 HIGH	
0.00%	0.00%	100.00%	56	225	0	Dallas	Open / Picked	Console Pick	0	5/4/2004	0		American Absolute, 1 LOW	
0.00%	0.00%	100.00%	0	226	0	Dallas	New		0	5/4/2004	0		American Absolute, 1 LOW	
0.00%	100.00%	100.00%	0	232	0	Dallas	Open / Picked		0	5/5/2004	0		Royale, Ltd	MEDIUM
0.00%	100.00%	100.00%	0	233	0	Dallas	Open / Picked		0	5/5/2004	0		Royale, Ltd	MEDIUM
100.00%	100.00%	100.00%	58	237	0	Dallas	Open / Picked	Print Pack	0	5/5/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	100.00%	0	239	0	Dallas	New		0	5/5/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	100.00%	0	290	0	Dallas	New		0	5/7/2004	0		American Absolute, 1 HIGH	
0.00%	100.00%	100.00%	0	291	0	Dallas	New		0	5/7/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	100.00%	0	292	0	Dallas	New		0	5/7/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	100.00%	0	293	0	Dallas	New		0	5/7/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	100.00%	0	294	0	Dallas	New		0	5/7/2004	0		ABC Electronics (B) MEDIUM	
0.00%	100.00%	100.00%	0	296	0	Dallas	New		0	5/10/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	0.00%	0	297	0	Dallas	New		0	5/10/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	0.00%	0	298	0	Dallas	New		0	5/10/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	0.00%	0	299	0	Dallas	New		0	5/10/2004	0		American Absolute, 1 HIGH	
0.00%	0.00%	0.00%	0	300	0	Dallas	New		0	5/10/2004	0		American Absolute, 1 HIGH	
92.48%	92.48%	92.48%	61	301	0	Dallas	New	Print Pack	0	5/13/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	0.00%	0	302	1	Dallas	New		0	5/13/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	4.77%	0	303	0	Dallas	New		0	5/14/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	100.00%	0	304	0	Dallas	New		0	5/14/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	100.00%	0	305	0	Dallas	New		0	5/14/2004	0		Royale, Ltd	MEDIUM
100.00%	100.00%	100.00%	60	306	0	Dallas	New	Print Pack	0	5/25/2004	0		Royale, Ltd	MEDIUM
0.00%	0.00%	100.00%	0	308	0	Dallas	New		0	5/18/2004	0		American Absolute, 1 HIGH	
0.00%	0.00%	100.00%	0	309	0	Dallas	New		0	5/20/2004	0		ABC Electronics (B) MEDIUM	
0.00%	0.00%	0.00%	0	310	0	Dallas	New		0	5/25/2004	0		American Absolute, 1 LOW	
0.00%	0.00%	0.00%	0	311	0	Dallas	New		0	5/25/2004	0		American Absolute, 1 LOW	
0.00%	0.00%	100.00%	0	312	0	Dallas	New		0	5/25/2004	0		American Absolute, 1 HIGH	
0.00%	0.00%	100.00%	0	313	0	Dallas	New		0	5/25/2004	0		American Absolute, 1 HIGH	

The Planner's Workbench provides the warehouse manager with visibility to what is happening throughout the warehouse.

Data Collection Suite

COMPREHENSIVE INVENTORY CONTROL

With the Data Collection Suite (DCS) you can track your inventory as it moves throughout your enterprise. You can identify it with a specific lot and serial number. Using bar-coding technology, you can track goods as they move from location to location or bin to bin. To ensure you are keeping accurate counts, you can conduct spot or cycle counts or a complete physical inventory.

EFFECTIVELY MANAGE ORDER FULFILLMENT

The DCS provides the functionality for processing orders through the point of shipment. It breaks each order down to the line-item level, and then controls the operational progress through each step. The DCS is both dynamic and unique in nature, allowing you to select the distribution method that best suits your process flow.

FOCUS ON COMPLETE CONTROL AND VISIBILITY

Within the suite, you have the ability to selectively manage and prioritize orders, allocate inventory to orders and print bar-coded order pick tickets for release to the distribution process. You can determine what orders can be filled, to what level they can be filled, and if anything has changed in inventory availability. You can select individual orders or a range of orders for allocation processing and pick ticket printing with a click of the mouse. Drill down analysis detail of a selected order provides you with inventory-item specific information.

STREAMLINE INVENTORY ALLOCATION AND PICKING**EFFICIENT PACKING AND SHIPPING**

If you have a pick-pack style of operation, the solution provides a module with the ability to interface with scales, manifest systems and EDI systems, streamlining the distribution and packing operations for most companies.

QUEUE MANAGEMENT**STREAMLINE RECEIVING**

With DCS, you can receive goods using wireless devices. Goods can be received based on purchase orders or can be received on an ad hoc basis. As goods are received, the system will alert you if those goods need to be cross docked for shipping out on a sales order. If you are tracking goods at a serial level, serial numbers may be assigned or scanned at the time of receiving. Numbers can be assigned individually or using a range of serial numbers.

TASK MANAGEMENT**INTEGRATED EDI AND MANIFEST SOLUTIONS****MANAGE THE ASSEMBLY PROCESS**

The DCS solution enables you to manage the manufacturing process using barcoding and wireless technology. From picking raw materials to consuming them in the production process and finished goods production, you are able to capture transactional data for each operation or sequence on the work ticket. With Work Order Processing, you can maintain complete transaction event history for analysis and reporting purposes.

STREAMLINE RECEIVING**COMPLY WITH LABELING REQUIREMENTS****SUPPORT FOR 3PL BILLING**

The Label Print Control Module is a comprehensive bar-code label design and printing control application. Its unique design allows you to customize and create your own label formats and choose when, where and how many to print. All of these functions are managed and maintained internally. Based on your configurations, you can initiate printing labels as part of the actual transaction or from an individual print or reprint function from within the transaction.

Warehouse Management System

FOCUS ON COMPLETE CONTROL AND VISIBILITY

The Epicor Warehouse Management System (WMS) is designed for customers who are more focused on warehousing, distribution and fulfillment, with a need for complete control and visibility of all distribution operations. While it incorporates the functionality in the Data Collection Suite, it takes management of the warehouse further to provide a comprehensive feature set for improved warehouse management, including total warehouse management, inventory control, finite bin and package definitions, task and load management and interactive monitoring of activities. It also includes inbound and outbound serial tracking, pick planning, consolidated picking, order pack-out, carton packing, EDI and manifesting interfaces to round out the system's functionality.

The Epicor WMS functionality consists of various base definitions, setups and rules, management and planning process activities, and actual task or transactional event activities. With Epicor WMS, you can successfully complete each transaction with a few simple scans using stationary, portable, wired or wireless (radio frequency) equipment. This provides your users with event-based directing and routing of all managed tasks in real-time. Additionally, you can maintain complete transaction event history for analysis and reporting purposes.

STREAMLINE INVENTORY ALLOCATION AND PICKING

With the WMS solution, you are able to set the criteria for selected orders in the picking process. By selecting what is allocated to the floor, inventory is firmly allocated and assigned to a pick queue. The solution provides you with the ability to do one-to-one picking or wave picking from available inventory, enabling you to control the efficiency of the pickers on the shop floor. Epicor's WMS is an invaluable tool to those who manage order fulfillment and shipment.

EFFICIENT PACKING AND SHIPPING

The Pack Out application streamlines the final distribution and packing operations of the warehouse. You can attach Laser Scanners or Fixed Mount (hands-free) scanners to the PC station to speed the entry process. Pack Out also offers embedded bar-code label and Pack Ticket printing features for package identification, ensuring a powerful, fast way to get your products out the door.

After an order is processed, picked and packed, shipment operations confirmation is completed. Based on the user configurations within the system, the warehouse manager can process final activities based on a staging number, an order, a carrier or by date. Final commitment closes all operations against these orders and posts these shipments accordingly.

QUEUE MANAGEMENT

To better supervise your work queues, WMS enables you to manage route and task activities independent of the allocations of inventory. The separation of what has been allocated from an inventory perspective, versus who, when and how the task is accomplished, provides you with the ability to manage your facility operations more efficiently. You can manage the inbound and internal movement of inventories through the Put Queue, while all outbound processing of sales orders are handled from the Pick and Pack Queues.

TASK MANAGEMENT

With Queue Managed Processing, standard inventory movements and count processing are performed through the console interfaces provided in the transactional portion of the warehouse system. Queue Managed Processing applies to all planned and committed operations in Epicor WMS. It produces controlled transactions that are placed as tasks on the operational queues. These Task Queues are managed with the ability to prioritize, hold, release and assign tasks to specific users or groups. The console users may select the next task to be completed from the queue. They may also choose to perform a Non-Queued task. Non-Queue Managed Processing allows the shop floor worker to perform distinct tasks. There are times when inventory needs to be moved or repositioned on the shop floor. This functionality allows inventory to be shuffled on an as-needed basis with complete tracking and reporting capability. Once pick tasks are completed, order processing flows through the pack operations in Outbound Processing.

INTEGRATED EDI AND MANIFEST SOLUTIONS

As part of the WMS solution, the system can build a distinct set of carton details to be included in the Advanced Shipment Notification (856ASN) file set. This feature can be integrated with your current EDI platform and can create these transactions on-the-fly. In preparation for transfer to your EDI carrier, this process is completed through an inclusion or exclusion sequence based on confirmed shipments. In addition, Epicor's solution can be integrated with scales and manifest solutions for freight rating and shipping.

STREAMLINE RECEIVING

Going beyond traditional receiving processes for items off of a purchase order, Epicor WMS supports receiving for credit returns and transfers too. It also allows for the non-controlled receipt of inventory for operations requiring third party or consignment warehousing. Ad hoc receiving provides a two-step process to control and review the receipt of these particular

DETAILED FEATURES

INVENTORY MANAGEMENT

- Spot, Cycle and Physical Count
- Transfer - Pick, Ship Verification, Receive, and Put- Away
- Bin-to-Bin and Warehouse-to-Warehouse Moves
- Adhoc Inventory Adjustments
- Inventory Inquiries
- Item Reclassification
- QC Hold and Release
- Standard and Custom Kit Processing
- Lot and Serial Control Processing
- Inventory slotting*
- ABC Optimization*

ORDER MANAGEMENT

- Customer Order / Blanket Order Entry - Pick, Stage, Ship Verification
- Order Pick Options - Wave, Batch, Zone, Tote
- Order Consolidation Options - Customer, Invoice, Ship To

- Warehouse Planning Workbench - Allocation processing to set criteria for working with Orders, Allocation of Inventory, and Fulfillment Routing of Orders
- Smart Inventory Allocations with Auto Allocation from within Order Entry
- Multiple Options for sorting orders including Priority, Profitability, Revenue, etc.
- Order Packing, Pre-Pack, Multi-Order Pack, Master Pack
- Credit Return Management including Disposition and Put- Away
- Automatic and Manual Replenishment*
- Outbound Palletization*

PURCHASING AND RECEIVING

- PO Receiving
- PO Adjustment
- Adhoc Receipt Processing
- Cross-Docking
- Directed Put-Away

WORK ORDER PROCESSING

- Picking
- Material Consumption
- Production Output
- Scrap Reporting
- QC Hold and Release
- Machine Center and Resource Reporting
- Maintenance Work Order Processing

LABELS

- Create and customize barcoded Labels and Forms
- Initiate label printing within transaction

ADDITIONAL FUNCTIONALITY

- Integrated Manifest
- Integrated EDI processing
- 3rd Party Logistics Billing*

QUEUE MANAGEMENT*

- Manage Routing and Priority of all Tasks and Activities

- Graphical view of all Tasks as they are processed
- Task Interleaving and reassignment processing

BUSINESS INTELLIGENCE AND ADDITIONAL REPORTING*

- Interactive, Graphical View of Warehouse
- Decision Mart for Warehouse Performance and Bin Analysis
- Web-based View of Warehouse available to employees and partners

Please note that these features enhance what is available in the rest of Epicor's SCM Suite. The Epicor SCE supports wired and wireless network topologies as well as barcode symbologies.

**Available with Warehouse Management System only.*

inventories. Once the initial receipt is completed, all activities are assigned to a system-generated control number. After the receipt is finished, a pending receipt review is performed, allowing you to delete or adjust the inventory before a final commitment is made to the system.

Support* for 3PL Billing

Epicor WMS supports companies requiring third party billing. It enables you to configure service quotes and invoices for your customers. The billing is extremely flexible and can be based on storage fees, value-added labor, service fees (e.g. kitting) or a custom billing configuration.

About Epicor and Epicor SCM

Epicor Software Corporation has long been a recognized leader in building world-class applications. Epicor Supply Chain Management Suite is no exception. Consisting of a number of modules, including Epicor Supply Chain Execution, Epicor SCM can help you streamline your entire supply chain. For more information on Epicor SCM, contact your authorized Epicor Partner or call Epicor at 800-997-7528, or visit us on the Web at www.epicor.com.



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