



S I | N T H E S I S TM
Software Suite

Order Completion Modules

See new possibilities in order fulfillment emerge.TM



Directing each phase of quality assurance, packing, and manifesting, the **SINTHESISTM** Order Completion Modules assure the highest possible order accuracy and compliance to meet all customer requirements. In the event of customer-returned orders, returns are quickly processed to expedite customer credit and assure prompt returns restocking. Integrated with a full line of extendible modules, **SINTHESIS** creates dynamic order fulfillment processes, from order receipt through order shipment, for distribution centers that provide full-case and split-case, item-oriented fulfillment. And each of these modules can be further customized to deliver even greater productivity in your particular application.

Order Completion Modules

- Quality Assurance Director
- Pack Station Director
- Shipping and Manifesting Director
- Returns Director

SINTHESIS is the software component of total system solutions for order fulfillment and distribution from SI Systems. With over two dozen innovative, extendible software modules, SINTHESIS software complements enterprise planning systems to accurately facilitate and optimize planning, warehousing, inventory, routing, order fulfillment, and distribution processes for sophisticated, high-volume distribution centers performing full- or split-case picking operations.

Quality Assurance Director

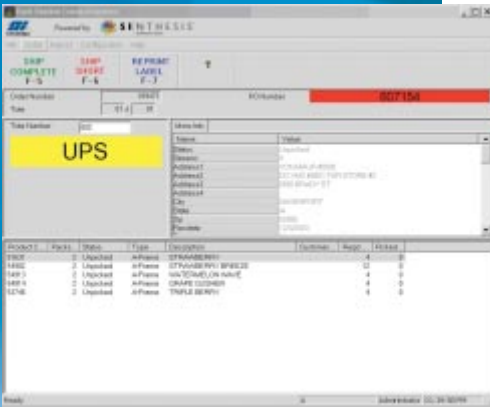
Manages auditing, correcting, and coordinating quality assurance processes for all order shipments. Captures order deviance statistics and archives quality performance data.

- Identifies shortages
- Indicates location of SKUs for shortages rectification
- Verifies order content and customer
- Summarizes repeat quality assurance issues that require process modification or maintenance analysis

Pack Station Director

Coordinates the activities associated with packing orders into totes, cartons, or mailers. Selects and prints packing lists, shipping labels, and collateral literature for each order.

- Cubes order items and selects the correct carton size
- Automatically prints packing lists per customer specifications
- Displays special packing instructions based on order requirements
- Issues advanced shipping notices as required by customers
- Collects and archives statistics for completed orders



Shipping and Manifesting Director

Selects the lowest-cost shipping method consistent with order weight and other physical parameters, carrier guidelines, tariffs, delivery deadlines, and customer preferences. Creates manifests per shipper requirements.

- Weighs and archives each order component (carton, mailer, package)
- Maintains cost tables for most common carriers and shippers
- Accumulates shipping cost statistics by customer, order, and carrier
- Communicates manifests and aggregate weights to carriers' computers
- Prints shipping labels to carrier specifications
- Applies labels automatically when applicable

Returns Director

Processes returned orders quickly to expedite customer credit and assure prompt returns restocking. Automated sortation systems are employed to minimize labor costs.

- Scans barcoded items and order identifiers
- Matches returns to customer orders
- Rejects products not traceable to valid orders
- Alerts host computer of acceptable returned items
- Determines proper sort and stock destinations for each item
- Prioritizes restocking of products with current "back order" or low inventory level status
- Captures returns processing performance and throughput statistics

SYNTHESIS SERVICE AND SUPPORT

SI understands that the success of your business depends on the continuing performance of the systems we build. Therefore, we are committed to providing the highest level of support possible. As part of that commitment, we ensure that the most qualified people are available to answer your questions and assist you during emergencies—whenever and wherever the need arises. Our U.S. base means less travel time—which translates into less downtime for you!