



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

Manual Order Fulfillment Modules

See new possibilities in order fulfillment emerge.TM

Maximize picker productivity with increased pick rates and greater accuracy by using **SINTHESISTM** Manual Order Fulfillment Modules. This comprehensive group of software modules directs manual picking tasks for pick-to-paper, pick-to-light, RF-directed picking, and other computer-directed picking techniques. Sequencing of items to be picked is pre-determined, confirmation of correct picks or variances is established, and corrective actions are indicated to respond to and resolve potential fulfillment discrepancies immediately. 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.

Manual Order Fulfillment Modules

- Manual Pick List Director
- Pick-to-Light Director
- Computer-Managed Picking 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.

Manual Pick List Director

Establishes and prints pick lists for individual orders or groups of orders for batch picking. Sequences the items in the pick list according to SKU location by zone and by slot to assure maximum manual picker productivity. Printed pick lists may be automatically inserted in an order tote or carton at the **SINTHESIS** Order Initiator station.

- Bases pick list sequence on order content, SKU location, and order route
- Prints pick lists for each picker
- Reports shortages, out-of-stock, and completed order statistics via interactive terminal displays at completion of fulfillment cycles

Pick-to-Light Director

Tailors pick lists of individual orders or order batches for specific pick-to-light configurations. Sequences items in the pick list to assure maximum picker productivity. Communicates pick instructions to the pick-to-light systems and receives real-time feedback of pick actions.

- Bases pick sequence on order content, SKU location, order route, and pick-to-light configuration parameters
- Tracks actual performance of order pickers
- Reports shortages, out-of-stock, and completed order statistics via interactive terminal displays at completion of fulfillment cycles

Computer-Managed Picking Director

Determines and coordinates pick lists for each picker and sequences items to be picked to assure maximum picker productivity. Sends pick instructions to the proper marquee display, wrist display, hand-held terminal, RF terminal, or voice communication mobile unit. Receives real-time confirmation of pick completions or shortages and reacts immediately.

- Manages individual orders or groups of orders for batch picking
- Bases pick list sequences on order content, SKU location, order route, and the zone assigned to the specific picker
- Reports shortages, out-of-stock, and completed order statistics
- Matches historical performance to each picker
- Sends communications to pickers via computer-directed commands

SINTHESIS 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!

