

LOAD MAPS THAT DRIVE SELECTION

Syntelic's 3-Step Work Flow

- 1 Dynamic Load Mapping
- 2 Smart Labor Planning
- 3 Live Execution



STEP 1: Dynamic Load Mapping



Load Mapping is central to any outbound distribution operation. If you are still writing load diagrams by hand, Syntelic's Dynamic Load Mapping solution will save time in load planning and trailer loading, to produce better results.

Maps orders automatically

Syntelic's best-in-class load planning logic automatically creates trailer load plans and printed load diagrams for a wave of orders. Other load mapping software solutions require load planners to spend time on every load plan. With Syntelic, load planners focus only on the exceptions. They can view a summary of completed loads to verify that axle weights are within limits, trailers meet utilization goals, or whatever metric matters most. Drilling down to any load map to make drag-and-drop changes is quick and easy.

Configures trailers dynamically

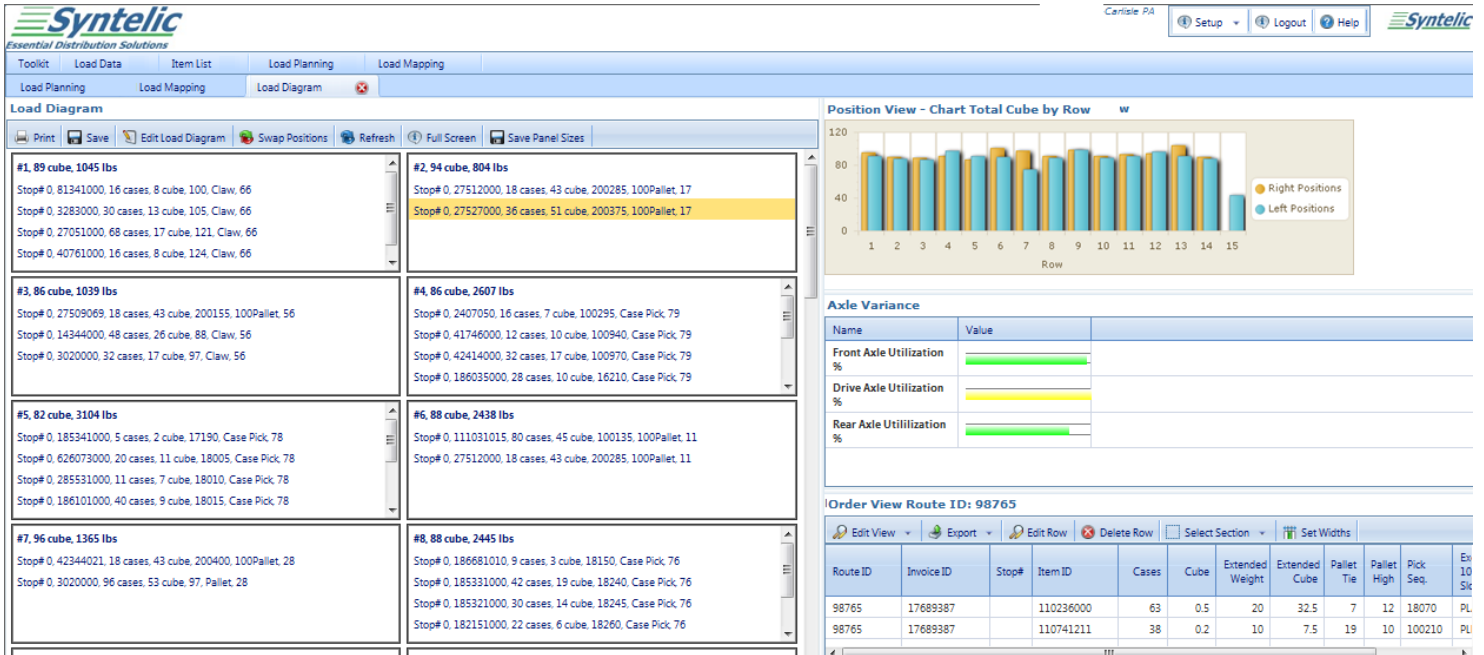
Syntelic dynamically selects the right trailer size and configures compartment capacities based on the product mix and volumes. Load planners do not have to spend any time figuring out which trailer type to pick. Syntelic does that for them.

Optimizes for multiple factors

Syntelic optimizes load maps for delivery stop sequences, efficient use of available trailer capacity, axle-weight limitations, multi-compartments, prevention of shifting loads, and other factors.

Because every business is different

Factors in your business rules such as bulk products, product combination rules, side door delivery, various pallet and container configurations, and exceptions such as putting first stop frozen products on the tail.



Syntelic Load Diagram views are customizable and feature advanced drill downs and drag-and-drop exception handling.

Benefits

- Reduces time spent creating load maps for every route. Printed diagrams can replace time-consuming manual load mapping methods such as hand-drawn graphs and spreadsheets.
- Reduces loading time, because Syntelic load maps eliminate the need to consolidate pallets on the loading dock.
- Less over, short and damaged goods since cases are not re-handled on the loading dock and drivers do not have to shuffle cases around in delivering orders. Reduced damage from shifting loads in transit due to even pallet heights on the truck.
- Meets axle weight limit to reduce overweight fines, eliminates labor costs associated with weighing every truck in the yard, and avoids the costs in time and labor involved in having to return to the loading dock.
- Reduces training time for load planners and loaders and minimizes the risk that a “key employee” is out sick.

- More efficient driver deliveries. When drivers have printed, legible load maps in hand, they know exactly what sits on each pallet as it comes off the truck. Drivers eliminate any time spent hunting for products among pallet to verify deliveries because the contents of every pallet position is clearly accounted for. They unload more quickly, and reduce out-of-route time.

STEP 2: Smart Labor Planning

Syntelic’s load maps set a smart labor plan, by logically sequencing order picking to support fast and efficient loading. Smart labor planning enables routes to be dispatched on schedule.



Matches tasks to your workflow

Syntelic builds a wide variety of specific tasks to fit the workflow of each DC (e.g., pre-pick items, pick high value items from a cage area, pick eaches from a master case.)

Set work standards

Syntelic calculates work standards based on work areas, pick locations, number of cases, and other factors. These standards can be based on engineered labor standards or performance benchmarking among employees.

Set up picking rules

Set detailed picking rules as needed such as loaders pick bulk items, pick 2 pallets at a time, pick and perform QA, pick and pass, etc.

Benefits

- Optimizes selection according to your business rules including engineered labor standards.
- Improves labor plan accuracy to avoid unnecessary labor expenses such as overtime.
- Reduces labor planning time and time spent managing workers during selection process.
- Reduces labor costs by maximizing the efficient use of available labor.

STEP 3: Live Execution

Syntelic takes the Smart Labor Plan and manages the execution of all work tasks. It also provides complete real-time visibility into outbound operations enabling managers to track work against the plan and make adjustments as needed.



Track labor performance

Syntelic assigns work tasks to workers in advance or as needed and logs all start and stop times. Managers can use charts and graphs to quickly identify problems and make adjustments as needed. Syntelic's live-execution dashboard provides real-time visibility into outbound operations by work tasks, task status, individual worker, warehouse area, product, route, or other factors.



Syntelic's Voice Manager offers full integration with voice-enabled outbound warehouse task execution.

Sequence all work tasks

Selection and loading tasks are logically sequenced by Syntelic and displayed in a matrix by worker, area, and task status (*pending, in progress, completed.*) Syntelic also tracks indirect tasks such as breaks, meetings, battery changes, or clean ups.

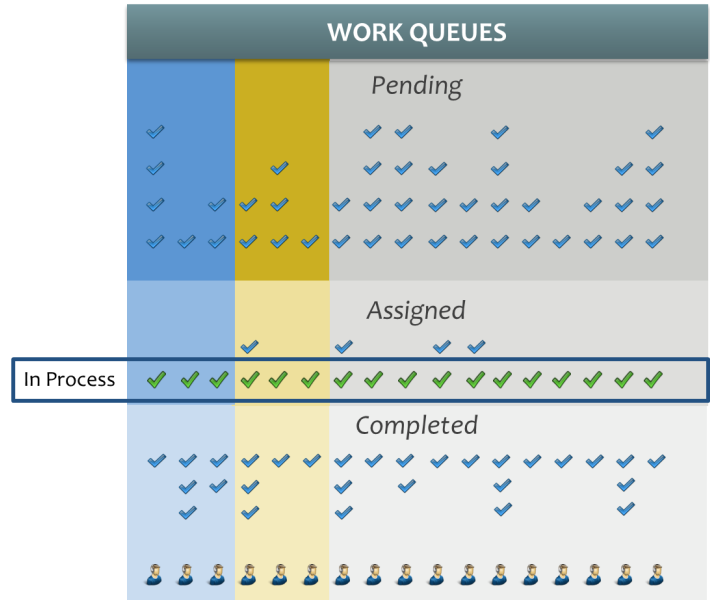
Managers can monitor progress against the labor plan and gain confidence that selection and loading is unfolding on pace. They can reassign work by area, shift, time of day, or individual employee if needed.

Voice Enabled

Syntelic's Voice Manager controls voice-enabled selection by assigning tasks, receiving status updates, and sending corrective actions via voice technology.

Benefits

- Reduces missed picks since managers can identify problems and coach workers to achieve better performance. Voice-directed picking offers further improvements in selection accuracy resulting in fewer errors per load.
- Quantifies productivity by employee, function, warehouse area, DC, or other metrics to support continuous process improvement for increased profitability.
- Improve selection efficiency and accuracy by leveraging voice technology to enable hands-free, eyes up selection, eliminating extra movements compared to label picking or barcode scanning.
- Reduced expenses for training since voice technology requires no specialized knowledge
- Achieve customer satisfaction as a result of smooth outbound operations, so loads arrive on time and unload quickly.
- Improves employee satisfaction. Smooth operations and fewer problems in the warehouse can reduce stress among employees. By increasing employee satisfaction, turn over and the associated costs can be minimized.



Syntelic's Live Execution "command and control" center sequences all work tasks and enables managers to make adjustments to ensure that outbound operations proceed as planned.



About Syntelic Solutions Corporation

Since 1996, Syntelic has provided warehouse and transportation solutions for some of the most respected distribution operations in the United States. We are committed to bringing measurable value to our clients' operations by converting information into actionable business intelligence.

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