DC Foresight™

— HIGHLIGHTS —

AutoCAD Integration for Facility Design.

Flexible and Configurable Data Import.

Metrics for Facility Performance Comparison.

Modeling:

- Instantly analyze order and shipment data over variable time periods
- Produce activity summaries of units, cubic volume, and orders by SKU, zone, area, and product class
- Trending of product storage requirements and volume
- Perform simple comparisons of what-if scenarios for storage and picking layouts
- Browser-based user interface permits GUI access from any location
- Customizable reporting tool for summaries of Item, Inventory, Location, and Trending data
- Generate optimum facility requirements by rack type, slot type, tier height and product class
- Produce AutoCAD modules of rack layout for inclusion in facility design
- Postpone the need for expansion
- Maximize the return from a planned expansion

Slotting:

- Identify bulk pull and layer pick candidate SKUs
- Determine optimum slot type and quantity for each SKU (carton flow, pallet flow, selective rack, hand stack, etc)
- Balance picking and replenishment labor costs.
- Identify replenishment requirements for pick wave setup

DC Foresight™ is a powerful tool providing in-depth analysis of inventory and facility performance and optimization.

DC Foresight™ from BoxWorks Technologies, Inc. is a complete Distribution Center Modeling Solution. This application helps you optimize facility layout and inventory placement by analyzing inventory characteristics and order data and suggesting optimal facility rack configurations. Integration with AutoCad helps streamline iterative analysis of current and alternate facility layouts.

DC Foresight™ provides clear, flexible reporting of order and product parameters to easily identify opportunities for picking and replenishment labor reduction as well as efficient slotting and storage of product. Be notified of bulk pull candidates, layer pick candidates, Ti-Hi revisions, non-stock items and split pick items. System users appreciate the easy-to-follow menus and help screens. The software empowers DC managers to make better decisions with more accurate and readily accessible information.

DC Foresight™ enhances your existing WMS system. It can identify likely stockouts, report non-demand replenishment opportunities, tailor putaway logic and more. DC Foresight™ can be custom configured to meet special requirements.

DC Foresight™ includes extensive logistics reporting capabilities including the ability to provide revised facility drawings.

— FEATURES —

Data Import:

- Automated flat file or Excel spreadsheet import/export and configuration tools
- ODBC Database connection and transfer
- Custom Oracle application scripts

Optimization Tools:

Table driven facility configuration. Any facility can be represented given flexible methods to define characteristics and assign them to segments of the warehouse. Examples:

> Temperature
> Hazard
> Weight
> Density
> Pick Area
> Put Area
> Product Family

- Layout Optimization. An extensive library of standard footprint rack modules enable "drag and drop" layout creation in AutoCad
- Recommended rack configurations for reserve and pick slotting based upon product characteristics, forecasts and historic movement
- Iterative modifications to rack configuration can be assessed in real time based upon picking, replenishment and storage metrics
- Budgeting tool will estimate the cost of rack modifications and additions
- Metrics assess the impact of adding SKUs or modifying pallet configurations
- What-if analysis of configurations permits comparison of storage, picking, labor and facility parameters for multiple layouts
- Growth factors by area, volume, or SKU count

Analysis and Reporting:

- WMS/Inventory system data validation and reporting
- WMS-style reporting on location inventory, days on hand, days in pick
- Item movement trending and distribution by warehouse area, region, and zone
- Item activity summarized in terms of cube, weight, units, and percentage
- Powerful filtering to select information of interest by item, zone, region, area and more

Box Works
Technologies Inc.

DC Foresight™

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— BENEFITS —

Postpone Expansions with Better Facility Utilization

Increase Available Pick Slots with Strategic Slotting

Improve Order Fulfillment with Layer and Bulk Pick Item Identification

Highlight Non-Demand Replenishment Opportunities

Generate Rack Layout Plans for Facility Expansion and New Facility Construction

Reduce Putaway and Selection Labor Costs

Monitor Results with Metrics and Graphic Trendlines

INDUSTRIES SERVED

DC Foresight™ incorporates features designed to immediately benefit distribution operations in the following industries:

Food Service

Electronics Distribution

Retail Distribution

3rd Party Logistics Providers

DC Foresight™ is fully customizable in order to adapt to your specific requirements.

TECHNOLOGY

DC Foresight™ is a modern software product designed and built from the ground up as a Web-Native application. Access to reports and analysis requires only a browser and connection to the corporate LAN.

› Oracle Database manager / ODBC-Compliant Database Independent

› MacroMedia ColdFusion Database Access and Web Page Server

› Web-Enabled Access through Standard Browser Interface

› User-Configurable Screens, Terminology and WorkFlow

Multiple User-Defined Fields
Table-Driven Terminology Setup Automatically Populates User Screens
Sophisticated Security Management by User, Group, Level
Filtering Options For Reports and Displays Provide Focus and Clarity:

* Process Filters

* Display Filters

* Reports Sorted by Selectable Header

* Report Export to Excel

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