*We Do What We Say*

# U.S. DEDICATED
## LOGISTICS

We offer complete Warehouse Management solutions that are tailored to fit your operational requirements
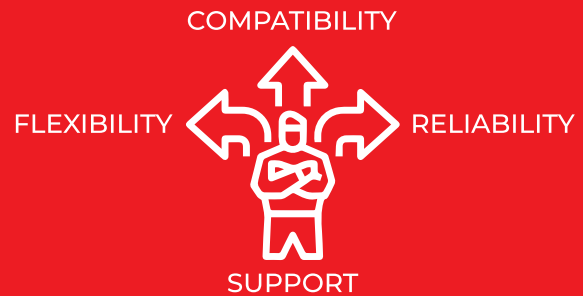
# ROBUST WMS

The software is comprised of an integrated suite of applications built to meet the needs of 3PL warehouses. Using this modular configuration design allows the warehouse to add users and functionality as the business grows and as needs change.

Because of its modular design, the system can be configured with only the necessary components, resulting in quicker implementation and a lower total cost structure. As the business grows, new modules (see right) can be added quickly and easily.

Our preferred WMS provides all stakeholders with complete visibility across the entire operation, including a robust customer web portal with real-time inventory and job status information.

The ever-increasing demands to meet higher service levels while simultaneously lowering costs with optimized space and workforce utilization can only be achieved with a powerful and versatile warehouse management system. Our WMS is ready to meet the challenges today and adapt as your business grows.

COMPATIBILITY

FLEXIBILITY                    RELIABILITY

SUPPORT

## TECHNOLOGY THAT LETS YOU MANAGE YOUR OPERATION YOUR WAY.

### KEY FEATURES

- Cloud and On-Premise Solutions
- Utilizes Microsoft Dynamics NAV Platform
- Module-Based Configuration / Pricing
- Specifically Designed for 3PL Operations
- Real Time Inventory Visibility
- Inventory and History Reporting
- Customer Web View of Inventory
- E-Commerce Fulfillment
- Kitting

Expertise   Configurability   Efficiency   Visibility   Compatibility   Reliability

## MODULE-BASED CONFIGURATION

With module-based configuration you add only what you need. And as your needs change, new modules can be added quickly and easily.

Modules include:
- Wireless Barcode Scanning
- Custom Labels, Reports, Enhancements & EDI
- eOrders Fulfillment
- Dropstream - Shopping Cart Integration
- Vendor Managed Inventory
- Accounting Interface
- Advanced Wireless Barcode Scanning
- Business Intelligence & Labor Management
- Advanced Pick Module (Pick Replenishment)
- Carrier Interface for UPS & FedEx
- Communication Manager
- Distributor Interface
- Document Management Assistance
- Easy Scan Barcode Interface
- HazMat Reporting
- In Storage Owner Transfers
- Kitting
- Label Printing Interface to Bartender
- Master Shipments, Mstr BOL & VICS BOL
- Purchase Order Tracking
- Retail ASN/VICS/CSN Labels Pack
- SPS Commerce EDI Integration
- Workflow
- WebLink Data Entry
- Cross Docking
- Freight Billing
- Routing & Dispatch
- Settlements - Driver/Carrier

Additional Services Include:
- Implementation services
- Training Services
- Business Consulting
- Project Management
- Custom Software Development
- Technical Support
- Data Conversion and Migration
- Server Migration Business intelligence

## Purchase Order Tracking
• Track a series of inbound receipts tied back to a single Purchase Order
• Keep track of the original total quantity to receive, compare to total received

## Enhanced Receiving
• Print Overage/Shortage/Damage (OSD) Report
• Print receipt labels
• Designate preferred put-away locations, system-directed Putaway
• Cross Dock, including optional rate set up options for Cross Docking

## Carrier Interface for UPS and FedEx*
• Provides access to the Carrier Package table in WMS to prepare package details for integration with 3rd Party Carrier Programs
• Provides a standard Flat-File format that contains package details that can be imported into UPS WorldshipTM & FedEx ShipManagerTM
• ODBC or Web Services integrations are also available
*Additional configuration required inside 3rd party Shipping programs to enable the integration

## Communication Manager
• The Communication Manager Solution offers automated emails for Transaction Reports as well as scheduled Inventory Reports
• The Communication Manager, sends reports via email as a PDF attachment
• In addition, you can send reports in CSV file format, which can be opened with Microsoft Excel.
• Whenever a communication rule is met, a copy of the report is instantly created and seamlessly sent out through email to a predefined list of recipients.
• Communication Rules specify when an email should be sent, who the recipients of the email will be, which report to attach, and other various information such as body text in the email.

## Enhanced Workflow
• Configure customized process flows and Receipt/Shipment status codes corresponding to each step
• Automatically track completion of workflow steps per document, including date/time/user ID stamp
• Mark steps as required, or schedule workflow steps to occur based on previous steps
• Integrates with Communication Manager to trigger automated emails based on completion of a workflow step

## WebLink™ View
• View-Only access to 24/7/365 client portal
• View current and historical Receipts, Shipments, and Inventory
> o Optional with Communication Manager: Clients have access to WMS Reports
> o Optional with KPIs: Clients have access to relevant KPIs

## WebLink™ Data Entry
• Data Entry module for clients to submit their own Receipt and Shipments.
• Prerequisite Modules: Data Interface

## Expanded Physical Count
• Cycle Count Items by scheduled frequency or by product class.
• Capture inventory quantities into a Worksheet for consolidated counting, comparison and adjustments.
• Count tickets available for printing
• Record Variances per Inventory piece, Per Item/Lot/Bin and/or LP#
• Reports include a variance report, ticket audit report and count report.
• Adjustments can be generated based on variances observed.
• KPIs available via KPI Analysis module for Inventory Accuracy as a result of Physical Count operations
• WIMS Scanning to be used for capturing Inventory Counts

## Core Wireless Scanning (WIMS)
• Traditional Wireless Scanning solution used with Telnet Scanning devices
• Fully Configurable screens from inside Excalibur • Configurable Menus that can be setup by the end-user
• Handles capture of item #, Lot #, Serial #, PLT ID # and a variety of other data points
• Enables Scan-Masking to capture multiple data-elements from a single barcode
• Allows for Cross-Reference of a UPC barcode to an Item/SKU #
• Allows for Automatic Time-Tracking in conjunction with Labor Management Tracking module

## MobileLink Barcode Interface (req Core Scanning)
• Graphical Scanning interface for use with Tablets and Touch-screen devices
• Allows for Photo Capture via Tablet Camera
• Touch screen menu allows user to navigate quickly • Offers Count Back functionality during Picking
• Prerequisite Modules: Core Wireless Scanning

## KPI Analysis
• **KPI Analysis**
  o Analyze operational performance for Receiving and Shipping operations
  o Provide Data Analysis and Dashboards to review historical KPIs
  o Snapshot KPIs available for real-time operational reporting
  o Digital & Graphical Dashboards available inside the Application and via WebLinkTM

## Label Printing Interface
• A Label Export designed to integrate with specialized label applications such as Bartender or other 3rd party label programs

## Master Shipments, Master BOL & VICS BOL
• **Master Shipments**
  o Manage large operations requiring splitting large orders across multiple sub-shipments
  o Allows for Load planning of Master shipments and 2-step picking and loading
• **Master BOL**
  o Consolidate different orders onto a single load and print a single BOL per load/container
• **VICS BOL**
  o Print a GS1-compliant VICS BOL, includes Master VICS BOL for consolidated loads

## Advanced Pick Module
This module includes 3 powerful options for advanced Fulfillment operations:

• **Pick Rules:** Excalibur provides advanced pick rules that can restrict shipping of product to specific consignees based on a variety of parameters including date code ranges and preferring full Pallets over Partial Pallets while picking

• **Pick Plans:** A pick plan (also referred to as Wave Picking) provides the ability to group orders together, using similar order parameters, to pick the orders in a "Batch" or "Wave" method

• **Pick Aisle Replenishment:**
  o Designate specific bins or aisles within a warehouse as the forward pick aisles/primary pick location
  o Trigger replenishment orders to refill designated pick locations based on the bin threshold or the amount of product ordered

## Easy Scan (Packing Station Terminal Interface)
• Highly configurable interface optimized for scanning. Typically utilized as an interface for:
  o Packing Station Terminals
  o Kitting and Assembly Terminals
  o QC/OSD Receiving Terminals

## HazMat Reporting
• Print Industry-compliant BOL
• Print Tier II Report for EOY reporting
• Track UN Numbers and EPA CAS numbers

## eOrder Fulfillment
• An Order management module optimized for ecommerce/Fulfillment to handle high volumes of orders in batch methods
  o Order sorting and batching
  o Wave picking and handling
• Prerequisite Modules: Data Interface

## In-Storage Owner Transfers
• Transfer ownership of product shared between different customers
• Product can inherit original receipt date or acquire new receipt date for storage billing
• Print Owner Transfer Confirmation
• Specialized Rate Configurations for Owner Transfer

## Kitting and Light Assembly
• Ability to setup BOM for assembly
• Control stock of Finished Goods Inventory vs Component Inventory
• Offering Kit-to-Stock or Kit-to-Order
• Un-Kit finished product to component inventory (Explode a kit)
• Specialized Picking Ticket for Kitting
• Specialized Rate configurations for Kitting
• Support for Repackaging or other Value-Added-Services
• Support for WIMS Scanning if required
• Compatible with Easy Scan for a more streamlined Assembly Process

## Document Management Assistance
• Ability to automatically index/attach electronic files such as photos and scanned documents such as proof of delivery.
• Moves the files from an "unsorted" location to a final "sorted" directory based on document type
  o Offered for On-Premise installations only

### EDI / Integration Capabilities

#### Data Interface for CSV/XML and Web Services
• Enables the warehouse and its customers to exchange electronic documents in Flat File formats including, XML and spreadsheet (CSV) formats
• Includes Camelot Standard Web Service API calls
• Provides standard Receipt and Shipment Import and
Export formats
• Does not require the intervention of a VAN (value-added network provider).
*This module does not handle the mapping for X12 standards. For access to X12 EDI, please see Lanham X12 EDI Mapping

#### DropStream™ Integration
• Efficiently connect to most online shopping carts and marketplaces with this single connection.
• Orders are pushed from the shopping cart directly into the WMS via Web Services API
• Once orders are fulfilled, Shipment Status and Tracking #s can be reported back to the shopping carts
• Inventory totals can also be reported back to shopping cart platforms
• A valid subscription with DropStreamTM is required for this integration
• Prerequisite Modules: Data Interface and Carrier Interface

#### X12 EDI
• Please see Lanham X12 EDI Mapping on next page

#### SPS Commerce Integration
• Transfer XML files with SPS Commerce to link into the SPS Commerce Retailer network
• Supports 850 shipment imports and 856 ASN Shipment Confirmations

#### Advanced Feature Pack
More power for advanced warehouse operations and unlocks access to a variety of Advanced Modules:
• Serial number, Sub-lot, and License plate tracking simultaneously for an inventory item.
• Piece history tracked showing internal bin location movement, license plate and tag ID changes.
• Dock and appointment scheduling, with Drag and Drop feature to set and move appointments easily
• Backorder Management and Correcting Documents
• Add 2 item sub variants to expand item number into a 3-part number on screens and reports, i.e. size, color

# THIRD PARTY PRODUCTS

#### Cleo Lexicom
• More than just your garden-variety AS2 solution, Cleo Lexicom provides you with secure, full- functionality file management that makes connecting and managing the movement of your valuable data simple and worry-free.
• Not just for AS2 file transfers, Cleo Lexicom also supports secure FTP and the most common protocols in the industry, including AS3, ebMS 2.0 (ebXML Messaging Service), faspTM, FTP, S/FTP, SSH FTP, HTTP, HTTPs, IBM® WebSphere® MQ, MLLP, OFTP, OFTP2, RNIF, SMTP, SMTPs, and Web Services.

#### Lanham X12 EDI
• Lanham EDI with Map Designer module allows the mapping, processing, and tracking of X12 and EDIFACT documents
• Handles most 3PL EDI transaction sets: 940, 945, 943, 944, 947, 846, 850, 830, 860, 864, 810, 997, 214, 856 (inbound/outbound), etc.

#### Bartender
• Used in conjunction with Label Printing Interface, allows customers to print advanced label format such as Retail Compliant UCC-128 or GS1 label formats.
• If used for Retail labels, Retail Pack must also be licensed.
• Can also be used to print Receipt labels and other inventory labels as well.

#### Bar Decode Filer
• Used for reading barcodes on transaction documents, renaming transaction documents that are scanned into the network, allowing our Document Management Indexing module to attach the correct document to the correct transaction based on the filename assigned by this application.

WAREHOUSING

## Transaction Documents

· Warehouse Receipt
· Tally Sheet
· Picking ticket
· Packing List
· Bills of lading (BOLs)
· Receipt/Shipment/Storage Invoice

## Receiving

· Record inbound product information including: Lot #, Batch #, Exp Date
· Receive inbound loads and create new SKUs on the fly
· Record Putaway, compute Receipt Charges and Print Receipt Documentation
· Tracking of each inventory item by up to 3 units of measure such as Pallet, Case and Each

## Shipping

· Various default picking rules including: Pick by FIFO, FEFO, Code date, Lot number
· Print Pick Ticket, Packing List and BOLs

## Inventory and History Reporting

· Inventory reports, transaction history, customer history
· History by item or lot number
· Order shortage
· Shipment and Receiving schedule

# U.S. DEDICATED
## LOGISTICS

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We use our resources to put together a data driven solution to aid in growing your business

We have over 80 years of combined industry experience

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