

# Public Warehouse Solution

*Big Technology  
Small Business Price*

## *Power Tools for Public Warehouses*

Create the most value for your bottom line and for your customers today. Lower your costs and improve your customer service. Give your employees the tools they need to excel at their jobs. Make them happier and more productive.

### *Key Benefits:*

- Win customer loyalty with better service.
- Improve your customer responsiveness through better organization.
- Reduce costs so you can offer more competitive prices.
- Capture more revenues so you can improve your bottom line.
- Boost productivity so your reps get more done in less time with more accuracy.
- Instantly display reliable data the way your customer wants to see it, in real-time, 24 hours a day, 7 days a week

**3PLink**<sup>®</sup> Warehouse Management System (WMS) for Public Warehouses is an integrated suite of applications built within **Dynamics NAV** that give you the tools to plan, manage, and execute a world-class, third-party or public warehouse operation.

- Run as a stand-alone Billing and Inventory system for 3PL warehouses, or integrate with the Dynamics NAV financial management and accounting modules
- Multi-client, client-owned Inventory management
- Billing & receivables, including storage, handling, and activity-based charges,
- Full warehouse management, including shipping, receiving, documents, and reports

## *Are Your People Ready?*

Without the right tools, your most talented personnel can become frustrated and burned out. Empower their performance today with the right weapons to win the war against mediocrity and poor results. Logistics companies excel when they give their people the right tools, information, and opportunities. We call these market leaders “*people-ready businesses.*”



Microsoft Dynamics NAV with **3PLink**<sup>®</sup> offers all the latest tools to keep you on the cutting edge:

- RF barcode scanning, RFID
- EDI, XML, and electronic data exchange,
- Web access and real-time inventory visibility
- Tools to automate customer communications
- Real-time business intelligence and reporting
- Document imaging and management

Easy to learn and fast to use, it works like other Microsoft Office programs like Word and Excel, so your users don't feel as if they are learning a totally new system. The system implements more rapidly and with a lower Total Cost than any other leading 3PL Warehouse Solution.

## Advanced Technology

Accurate data in real time gives your clients the reliable information they need to make strategic decisions quickly, makes your organization more responsive, and helps you manage your business more efficiently because you have smart tools that enable good decisions. **3PLink®** is an integral part of your technology solution that pays for itself quickly and continues to earn your customers' confidence in you. **3PLink®** will help you manage your warehouse better and will make you a better strategic partner for your customers.

*Leverage the newest technology from the world's leading innovator to win new business and grow your market*



## Total Cost of Ownership (TCO)

**Dynamics NAV** with **3PLink®** is the only World-Class 3PL / Public Warehouse solution priced for small business. Your total cost of ownership (TCO) is lower because of these key value drivers:

1. **Microsoft's huge economies of scale** mean that you get the latest technology at a fraction of the cost of other 3PL WMS developers.
2. **The rapid development environment** of Dynamics NAV automates Camelot's programming and lowers the cost to build the tools and features needed for public warehouses and 3PLs.
3. **Lower costs of maintenance and support** with the Dynamics NAV automated support tools that speed the implementation of upgrades and enhancements.

4. **Rapid implementation and training** saves you time and money. Powerful configuration options give you custom features without programming. Training tools like self-paced video instruction and workbooks get your users up to speed quickly and reliably.
5. **Annual enhancements and upgrades** from Microsoft and Camelot keep you on the cutting edge for the long-term.
6. **Blazing fast data entry** and rapid tools speed your users' productivity and lower your costs of operation – they get more done in less time with less stress and fewer errors.

**Make no mistake: All systems are not created equal.** Only one system is designed to have the lowest Total Cost of Ownership. Only one system means that you aren't willing to compromise your customers' data. And only **Dynamics NAV** with **3PLink®** is backed by the most advanced technology company in the world: Microsoft.

## About Camelot 3PLsoftware

Intelligently designed for rapid implementation, lowest cost of ownership, and operational effectiveness, Camelot's business solutions leverage the latest, advanced technologies for public warehouses. Founded in 1984 for custom development, enhancement, integration and support of business information and financial management solutions, Camelot introduced its 3PL WMS for the public warehousing industry in 1987.

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 Toll Free (866) 3PL-SOFT (375-7638)

Key Features	Description
<b>3PLink® PUBLIC WAREHOUSE BILLING &amp; INVENTORY SOLUTION</b>	<ul style="list-style-type: none"> <li>• Complete Warehouse Management Solution especially for third-party logistics, public warehouses, public refrigerated warehouses, and packaging fulfillment operations</li> <li>• Run as a stand-alone Billing and Inventory system for 3PL warehouses, or integrate with up to the full suite of financial management and accounting modules available for the Microsoft Dynamics NAV ERP system</li> <li>• Multi-client, client-owned Inventory management</li> </ul> <p>Billing</p> <ul style="list-style-type: none"> <li>○ includes the Dynamics NAV Accounts Receivable module to process and track collections</li> <li>○ automatically calculate recurring storage, including full month, half-month or pro rata billing</li> <li>○ based on selected units of measure: volume, quantity, weight, pallet, etc.</li> <li>○ inbound handling calculated by pallet, weight, case, cubic measurement or many other units of measure</li> </ul> <p>Document creation and printing</p> <ul style="list-style-type: none"> <li>○ Warehouse receipts</li> <li>○ Picking tickets</li> <li>○ Bills of lading (BOLs)</li> <li>○ Invoices</li> <li>○ Inventory reports, transaction history, customer history</li> <li>○ Account statements</li> <li>○ Aged receivables</li> </ul> <p>Receiving</p> <ul style="list-style-type: none"> <li>○ Receive on the fly, create new items or SKUs on the fly</li> <li>○ Put away manually or by predefined criteria</li> </ul> <p>Shipping</p> <ul style="list-style-type: none"> <li>○ Pick by FIFO, FEFO, code date, location, lot number, or any other logic</li> <li>○ Basic BOLs</li> </ul> <p>Master files to automate customer and inventory setup</p> <ul style="list-style-type: none"> <li>○ Customer preferences</li> <li>○ Item defaults</li> <li>○ Default billing rates for storage, handling and services</li> </ul> <p>Inventory and history reporting</p> <ul style="list-style-type: none"> <li>○ Customer history by item or lot number</li> <li>○ Order shortage</li> <li>○ Shipment schedule</li> <li>○ Drill down for analysis of detail</li> </ul>
<b>ENHANCED FEATURE PACK</b>	<p>Adds features desired by most warehouse operations such as:</p> <ul style="list-style-type: none"> <li>• Multiple warehouse tracking with a valid bin master file to validate bins</li> <li>• Storage charge calculations to add minimums, monthly flat rent charges, daily and weekly charge cycles, and recurring storage calculation by anniversary date</li> <li>• Pallet exchange documentation</li> <li>• Tracking of each inventory item by up to 2 alternate units of measure such as Pallet, Case and Each</li> <li>• Unlimited, user-defined assessorial charges for services rendered</li> <li>• HazMat comments on Bills of Lading (see Registered Options for HazMat EPA and local reporting)</li> </ul>
<b>ADVANCED FEATURE PACK</b>	<p>More power for advanced warehouse operations:</p> <ul style="list-style-type: none"> <li>• Serial number tracking and exchange lot tracking simultaneously for an inventory item.</li> <li>• Detail history tracked showing status changes and internal location movement.</li> <li>• Add 2 item sub variants to expand item number into a 3-part number on screens and reports.</li> <li>• Dock and appointment scheduling feature, as well as Cross-Docking.</li> <li>• HazMat EPA and local reporting</li> <li>• Ability to attach electronic files such as photos and scanned documents</li> <li>• .....and many more advanced features for the more complex operation.</li> </ul>

Key Features	Description
ENHANCED RECEIVING MODULE	<ul style="list-style-type: none"> <li>• Enables entry of expected receiving prior to actual receipt(pre-receive inbound loads):</li> <li>• Print receiving worksheet / checklist</li> <li>• Print inventory labels</li> <li>• Designate preferred putaway locations</li> <li>• Identify and automate cross dock opportunities</li> <li>• Report on expected inventory quantity and availability</li> </ul>
PHYSICAL COUNT MODULE	<ul style="list-style-type: none"> <li>• Allows ongoing operations and regular processing during cycle count.</li> <li>• Captures inventory quantities into a separate workfile for counting, comparison and adjustments.</li> <li>• Count tickets may be optionally printed and count quantity entered.</li> <li>• Reports include a variance report, ticket audit report and count report.</li> <li>• Adjustments may be automatically computed and posted via the inventory adjustment routine.</li> </ul>
EDI X12 MAPPING MODULE	<ul style="list-style-type: none"> <li>• Connects with warehouse customer to receive orders via modem or internet connection</li> <li>• Connect via your customer's VAN (value added network) or the Internet.</li> <li>• Uses EDI standards such as X12, EDIFACT, and EMBARC</li> <li>• Eliminated manual reentry of orders.</li> <li>• Receive orders and enter automatically.</li> <li>• Transfer order details automatically to the shipments file.</li> <li>• Generate appropriate confirmation notifications and transmit to customers.</li> <li>• Mapping utility included to develop data templates required to import and transmit data correctly.</li> <li>• Most common transaction sets supports, such as 856, 940, 943, 944, 945, 997, etc.</li> <li>• Note: We recommend Cleo Lexicom module as the communication software to transmit to a VAN or AS2.</li> </ul>
DATA INTERFACE MODULE	<ul style="list-style-type: none"> <li>• Enables the warehouse and its customers to exchange electronic documents in either XML or spreadsheet (CSV) formats</li> <li>• Use email or the internet to transmit and receive documents.</li> <li>• Does not require the intervention of a VAN (value-added network provider).</li> <li>• Eliminates manual reentry of orders.</li> <li>• This module does not handle the mapping for X12 standards or XML.</li> </ul>
RETAIL ASN/VICS BOL & UCC128 LABELS PACK MODULE	<ul style="list-style-type: none"> <li>• Generate UCC128 carton serial numbers for compliance labeling required by most big box retailers.</li> <li>• Create UCC 128 carton serial number labels.</li> <li>• Print required VICS Bills of Lading.</li> <li>• Provides required data to send the EDI 856 ASN.</li> </ul>
COMMUNICATION MANAGER MODULE	<ul style="list-style-type: none"> <li>• Automatically create and email PDF's of receipt and shipment documents and other reports.</li> <li>• Preselect customers, consignees documents and conditions triggering automatic email.</li> <li>• Designate as many email recipients for each document or condition as desired.</li> <li>• Works in the background automatically; no operator intervention required.</li> </ul>
REGISTERED FEATURE OPTIONS EACH SOLD SEPARATELY	<ul style="list-style-type: none"> <li>• eOrders Fulfillment - efficiently pick using batches to process hundreds of small parcel web orders.</li> <li>• Document management assistance to assist in the indexing and attachment of scanned documents.</li> <li>• Interface to Bartender Label printing software (inquire about others brands).</li> <li>• Carrier interface for UPS WorldShip, FedEx, and others.</li> <li>• In-storage owner transfers without entering as a shipment and separate receipt.</li> <li>• Pick Rules, Replenishment Plans &amp; Guided Picking and Put-away.</li> <li>• Master Shipments, master BOLs and VICS BOL.</li> <li>• Kitting - setup master Kits to automate light assembly of components into Parent items.</li> <li>• HazMat reporting for regulatory requirements such as Tier 2.</li> <li>• Workflow Basic – define process steps for each client and track steps performed.</li> <li>• Purchase Order Tracking for the client's POs. report remaining balance to be received.</li> <li>• Storage calculation and billing invoice format templates to better enhance the billing process.</li> <li>• Calculate storage by peak values such as square feet used during the month.</li> <li>• Advance Rate Features</li> <li>• Supplemental Data for large rolls of paper</li> <li>• Inquire about others such as Pallet Building, Voice Interface, EZ Scan</li> </ul>

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<b>WIMS (RF) BARCODE SCANNING INTERFACE MODULE</b>	<ul style="list-style-type: none"> <li>Receiving, shipping and inventory management with Telnet emulation on handheld scanning devices.</li> <li>Most popular hardware supported; may require additional programming depending on hardware platform selected.</li> <li>Screens and user interface customer-designed to fit the warehouse unique requirements.</li> <li>Three levels of functionality to choose from: Basic, Enhanced or Advanced</li> <li>Basic includes user login, receiving, manual put-away, picking shipping, moves and cycle counts.</li> <li>Enhanced adds profile codes to login ID to allow custom screen views based on profile, "license plate" or "Parent License Plate" options for receiving, guided put-away, guided picking, shipping, moves and cycle counts, and time clock functions.</li> <li>Enhanced and advanced also allow user configuration and modification of handheld scanner screens.</li> <li>Advanced functions allow for purely paperless operations, such as directed put-away, wave picking, workflow redirection, workload balancing logic, etc.</li> </ul>		
<b>WEB LINK VIEW MODULE</b>	<p>Enables Warehouse Clients to view inventory and activity via a web browser.            Real-time secure access available 24/7            Secure login with ID and password            Login ID limits access to only appropriate records, reports and functions, customizable by client            Designed and Data Entry options enables individual Client configurable screen displays, customer queries and reports, and secure data/order entry online via web.</p>		
<b>ACCOUNTING INTERFACE FEATURE</b>	<p>Electronically posts invoice billing and receivable data to outside accounting software, such as QuickBooks, Peachtree, Great Plains, etc.            Maps data to the accounting software's data import template.            Not needed to interface to Dynamics NAV.</p>		
<b>PROFIT ANALYSIS MODULE</b>	<p>Analyze costs and revenue for any period in time.            Easily tracks profitability in real time per customer, warehouse, revenue source, etc.            View data by day, week, month, and year.            This data may be merged with the data from a costing module to compute productivity standards and profitability per customer.</p>		
<b>COST ANALYSIS MODULE</b>	<p>Accumulates manpower and equipment time to develop labor costing.            Analyze cost per customer, cost per pallet or CWT, cost per order, etc.            Use in conjunction with Revenue Analysis to analyze profitability</p>		
<b>TRANSPORTATION MANAGEMENT SYSTEM</b>	<table border="0"> <tr> <td data-bbox="407 1171 971 1346">           Comprehensive functionality to manage complex transportation operations            Manage order status and carrier analysis            Load Building            Pool shipments            Rate optimization         </td> <td data-bbox="971 1171 1515 1346">           Shipment tracking            Comprehensive reporting options            Tight integration with Warehouse Management modules, sharing fields, records, and data to eliminate double-entry.         </td> </tr> </table>	Comprehensive functionality to manage complex transportation operations Manage order status and carrier analysis Load Building Pool shipments Rate optimization	Shipment tracking Comprehensive reporting options Tight integration with Warehouse Management modules, sharing fields, records, and data to eliminate double-entry.
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<b>CONTAINER FREIGHT</b>	<table border="0"> <tr> <td data-bbox="407 1346 971 1556">           Comprehensive functionality to manage Container Freight Station operations.            Supports multiple BOL's per container            Master BOL's            Manages full or partial stripping/stuffing of containers            Load outs         </td> <td data-bbox="971 1346 1515 1556">           Consolidation            Segregation            Palletizing/unitizing            Container drayage            ...and other critical container freight station functions.            Cross-docking         </td> </tr> </table>	Comprehensive functionality to manage Container Freight Station operations. Supports multiple BOL's per container Master BOL's Manages full or partial stripping/stuffing of containers Load outs	Consolidation Segregation Palletizing/unitizing Container drayage ...and other critical container freight station functions. Cross-docking
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<b>RFID INTERFACE</b>	<p>Print RFID labels for the few consignees currently utilizing such radio tag reading devices or "interrogators".            Most popular printer hardware supported; custom programming required for hardware platform selected.</p>		

ADDITIONAL APPLICATION AREAS OF MICROSOFT DYNAMICS-NAV	
	Manufacturing User Portal Commerce Gateway Commerce Portal Financial Management Marketing and Sales Service  For more information about Microsoft Business Solutions-DynamicsNAV and to find out how you can obtain additional fact sheets, please contact your local Microsoft Certified Business Solutions Partner or Visit <a href="http://www.microsoft.com/BusinessSolutions">http://www.microsoft.com/BusinessSolutions</a>

SYSTEM REQUIREMENTS – On Premise or Self Hosted Installation	
TO OBTAIN ALL OF THE FEATURES MENTIONED IN THIS FACT SHEET, THE FOLLOWING MODULES ARE TECHNOLOGIES ARE REQUIRED:	Microsoft Dynamics supports graphical 64 and 32-bit technology and genuine client server, multitasking environment. The following operating systems are supported: Client 64 & 32-bit: Windows 7, Vista and XP Pro, Server: Microsoft® Dynamics NAV® Database Server: Windows 2008, 2003. Microsoft® SQL Server® Option for Dynamics NAV® <ul style="list-style-type: none"> <li>Operating System: See requirements for Microsoft SQL Server 2008 R2.</li> </ul> Please Refer to the detailed system requirements document for more information.
MICROSOFT WINDOWS 7 WINDOWS XP PRO ACTIVE DIRECTORY	<ul style="list-style-type: none"> <li>Operating systems to run Microsoft Dynamics NAV</li> <li>Windows Installer: engine to manage, install, modify, upgrade, or remove an application</li> <li>Active Directory: provides a directory service for distributed networking environments; stores information on the primary settings for each user; lets organizations create multiple copies of the directory and place them throughout the network.</li> </ul>
MICROSOFT SQL SERVER 2008 R2 (OPTIONAL)	<ul style="list-style-type: none"> <li>Integrated with C/Side (Client/Server Integrated Development Environment)</li> <li>Suitable for companies that manage a lot of information and have or are expecting a large database</li> <li>Highly scalable and can integrate with large number and variety of third-party products</li> <li>Provides Online Analytical Processing (OLAP) and data warehousing</li> <li>Automates backup and restore procedures.</li> </ul>

SYSTEM REQUIREMENTS – SAAS Software as a Service (in the Cloud) Installation	
REQUIRED:	You only need a workstation with Broadband Internet Connection!