

ADCS WAREHOUSING

Automated Data Capture System (ADCS) Warehousing

The Microsoft® Dynamics™ NAV ADCS (Automated Data Capture System) provides a utility to access NAV from a handheld device. The Lanham ADCS Warehousing granules are based on this technology and create an application to access all Warehouse transactions.

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Main Menu
1. Pick Docs.
2. Put-Away Docs.
3. Movement Docs.
4. Phys.-Inv. Jnls.
5. Dyn.Move/Put-away
6. Bin Cont. Lookups
7. Misc. Menu
8. Logoff
Choose :
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Increase Accuracy and Efficiency

Adding ADCS Warehousing to your existing Dynamics NAV warehousing application will increase accuracy and efficiency by providing real-time access to your warehouse data. Each scan and entry is verified by the Dynamics NAV application as it takes place.

Work Your Way

The ADCS Dynamic granule(s) allow your on-the-floor warehouse personnel to make decisions about what to do next, while recording each movement. For example:

- Goods in the receiving area can be scanned and the system dynamically generates a directed put-away.
- Your warehouse manager can spot check bin contents and make adjustments on the fly.

Movements between bins are as simple as scanning the bin and its contents, and then scanning the destination bin.

Physical Inventory Without Freezing Bins

The Physical Inventory function takes outstanding pick, put-away, and movement transactions, as well as current scans, into consideration to allow you to perform physical inventory functions without freezing bins.

Transaction History

All transactions created or updated from the handheld device are tagged with the user identification, date, and time.

Available ADCS Granules

ADCS Warehouse Basic - executes, updates, and registers Pick, Put-Away, Movement, and Physical Inventory transactions and bin contents that have been created using a Microsoft Dynamics NAV (Navision) client.

ADCS Warehouse Dynamic - built on ADCS Basic, allows the user to dynamically create the Put-Away, Movement and Physical Inventory documents, as well as execute and register them from a handheld device.

ADCS Warehouse Pick/Pack Granule - allows the user to pack during the picking process by capturing package or pallet detail during the pick. A link to E-Ship Pack Line Scanning transfers package detail for more efficient processing, thus supporting paperless warehouse initiatives.

ADCS Warehouse Extended Features - creates a combined pick to a new bin, and then creates the picks for the orders from that bin. The auto break-bulk function in this granule minimizes inventory locks, while optimizing unit of measure usage.

Outbound Warehouse Request – is a planning function, which provides the user an overview of orders to be processed. It enables visibility to sales orders and available quantity on each. The user can then create individual picks or a wave pick.

A Combination of Products

The Lanham E-Ship and E-Receive granules are companions to ADCS Warehousing for optimizing your warehouse processes.

Software Requirements

- Microsoft Dynamics NAV ADCS is required to use any of the ADCS Warehousing granules.
- Setting up ADCS requires the use of at least one network application server (NAS).
- Handheld users are licensed as Web Users in Dynamics NAV.
- ADCS Warehousing requires Full Dynamics NAV Warehouse Management.

Handheld Hardware and Software Requirements

The following Intermec hardware is recommended:

- CK30/31 (Smart System) Handheld
- 802.11g Cisco Wireless Routers/Network components

A detailed Intermec hardware configuration can be obtained from Lanham Associates for specific customers.

Although other devices can work, we recommend the Intermec Smart System line of hardware since it has been thoroughly tested with the ADCS Warehousing software. Such details as the Intermec CK30/31 function keys and keyboard layout were important considerations when creating ADCS Warehousing.

Intermec offers a site survey where they test RF signals in your warehouse. The deliverable is a guaranteed survey document, recommending the location, type and number of access points. This survey is very important since your warehouse configuration and its typical contents can drastically affect wireless coverage.

Related Fact Sheets

- E-Ship

Configuration

The following granules can be purchased through your reseller from Microsoft:

Granule Description	Granule Number
ADCS Warehouse Basic *Required for ADCS implementation	14000600
ADCS Warehouse Dynamic	14000610
ADCS WHSE Pick/Pack	14000620
ADCS Warehouse Ext. Features	14000640
Outbound Warehouse Request	14000650

About the Developer

Lanham Associates began its relationship with Navision in 1997 by creating the product's first distribution functionality, Advanced Distribution. A Gold-Certified MBS ISV, Lanham Associates has been creating complementary supply chain planning and execution products inside Dynamics NAV ever since.

Current products include Retail Supplier Link (RSL), EDI, Automotive Supplier Link (ASL), E-Ship, E-Receive, RFID, Advanced Forecasting and Procurement (AFP), ADCS Warehousing, Credit Card Processing, History & Security Management.

Lanham Associates maintains high standards for product excellence, and has been the recipient of both the President's Club and Inner Circle Awards many times since being affiliated with Microsoft. Lanham was named Microsoft's Dynamics NAV Partner of the Year in 2006.

The company's products are available through their extensive channel of Microsoft Business Solutions resellers.

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