

## ADCS WAREHOUSING

### ADCS Warehousing

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

```
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 :
```

### ADCS Basic Granule

Executes, updates, and registers Pick, Put-Away, Movement, and Physical Inventory transactions that have been created using a Microsoft Dynamics NAV client.

### ADCS Dynamic Granule

The Dynamic granule allows the user to dynamically create a Pick, Put-Away, Movement and Physical Inventory documents as well as execute and register them from a handheld device.

### ADCS Packing Granule

The Packing granule allows the user to pack during the picking process by capturing package or pallet detail during the pick.

### ADCS Outbound Warehouse Request Granule

The Outbound Warehouse Request is a planning function that provides the user with visibility to sales orders and what can be picked on each. The user can then create individual picks or a wave pick.

### Smart ADC

Smart ADC combines the ADCS Warehousing software with Intermec Smart System technology. Intermec Smart ADC devices contain patented technology that simplifies the installation, configuration, and day-to-day operation of Radio Frequency handheld devices in the warehouse. Detailed Intermec hardware configurations can be obtained by contacting Lanham Associates.

### Increased Accuracy and Efficiency

Adding ADCS Warehousing to your existing Dynamics NAV warehousing application will increase accuracy and efficiency by using the 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 allows 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.



### Software Requirements

- Microsoft Dynamics NAV ADCS is required to use any of the ADCS Handheld granules.
- Setting up ADCS requires the use of at least one application server.
- Handheld users are considered Web Users from a licensing standpoint.
- ADCS Warehousing requires either Full Dynamics NAV Warehousing or a minimum of Inventory Picks and Inventory Put-Aways.

### Handheld Hardware and Software Requirements

Although other devices can work, we recommend Intermec Smart System hardware since it has been thoroughly tested with the ADCS Warehousing software. Such details as the Intermec CK30 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 and number of access points. This survey is very important since your warehouse configuration and its typical contents can drastically affect wireless coverage.

The following Intermec hardware is recommended:

- CK30 (Smart System) Handheld
- 802.11g (Smart System) Wireless Routers

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

### Related Fact Sheets

- E-Ship for Dynamics NAV
- E-Receive for Dynamics NAV

### About the Developer

Lanham Associates began its relationship with Navision in 1997 by creating the product's first distribution functionality, Advanced Distribution. A 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, E-Ship, E-Receive, Advanced Forecasting and Procurement (AFP), Credit Card Processing, ADCS Warehousing, History Management, and 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 each year since being affiliated with Microsoft. Lanham products are available through the extensive Microsoft Business Solutions reseller channel.

### Contact Information

For more information contact your local Microsoft Business Solutions reseller or contact Lanham Associates at 678-379-4200, extension 102 or [sales@lanhamassoc.com](mailto:sales@lanhamassoc.com). More information is available on this and other products at [www.lanhamassoc.com](http://www.lanhamassoc.com)