



Software Datalogic Mobile PAL

O computador móvel Datalogic que você adquiriu está pronto para uso em muitas aplicações, incluindo acesso à Internet (requer conexão de rede) e digitalização simples em aplicativos. No entanto, você pode precisar de uma abordagem mais simplificada para atender às suas necessidades de captura de dados. Pal é um programa facilmente personalizável e pronto para uso para essas necessidades de entrada de dados.





User's Guide

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Table of Contents

About Pal	1
About This Manual	2
Program Installation	3
Installation Hardware	3
Software Installation	3
Host PC	3
Mobile Computer	3
Pal Software	4
Overview	4
Installation and Setup	4
Pal Communicator	6
Overview	6
Start-up	6
Quick Start Options	6
Quick Start Menu Options	8
Data Transfer Settings	14
Post Processing Action	15
Receive Data Settings	16
Pal Application	18
Overview	18
Using the Pal Settings Application	19
Main Menu	19
General Settings	20
Adding Your Company Logo	21
Apps List Settings	22
Add	23
Edit	24
Pal Apps (Customizing the Applications)	26
Pal Apps, Main Tab	27
Pal Apps, Field Tab	28
About	30
Using the Pal Applications	31
Shelf Inventory	31
Using Shelf Inventory	32
Asset Tracking	43
Using Asset Tracking	43
Data Collection (Output File)	48
Shelf Replenishment	50
Using Shelf Replenishment	51
Order Entry	56
Using Order Entry	56

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About Pal

The Datalogic mobile computer you purchased is ready to use for many applications, including Internet access (network connection required) and simple scanning into applications such as WordPad. However, you may require a more streamlined approach to address your data capture needs. Pal is an easily customizable program that is ready-to-use for these data entry needs.

When you install Pal on your host PC, it automatically checks to see if a device is connected. If a compatible Datalogic mobile computer is found, Pal checks to see if the client software is resident. If not, you are asked if you want to install Pal on the device.

Once you have installed the client software on the device, it is ready for use. As shown in the following picture, the Pal client includes four sample data collection applications called Shelf Inventory, Asset Tracking, Shelf Replenishment and Order Entry. The Pal client also includes a configuration application called Pal Settings which can be used to either modify the sample applications or create custom applications.

NOTE

Since Pal runs on a variety of Microsoft Windows™ operating systems, the screen shots in this manual may differ slightly from the ones displayed on your device.

The sample applications are fully customizable. The user and data prompts, application titles, banner logo and program icons can all be changed to provide a unique look and feel to each application. In addition the data input requirements (e.g. text or numeric) for each data field can be changed using Pal Settings.



Pal Settings also includes a Password option. When the applications are password protected, they can only be modified by a system administrator or someone who has password access.

About This Manual

This manual contains three main sections. First, it covers the hardware and software requirements for the host computer (PC) and mobile computer (device). Then, it describes how to configure the data transfer application called Pal Communicator on the PC. Finally, it describes the sample applications installed on your mobile device in detail including how to use Pal Settings to customize the sample applications or create custom applications.

Program Installation

Installation Hardware

Your mobile computer connects to the host computer using a standard USB cable with a mini or micro USB connector. The USB cable's connector can either be connected directly to the mobile computer or to the device's cradle for the specific Datalogic portable device.

Software Installation

Host PC

The Pal Communicator application runs on the following operating systems.

- Microsoft XP™ running Microsoft ActiveSync™ and .NET Framework™ (.NET 3.5 SP1)
- Windows Vista™ or Windows 7™ running Windows Mobile Device Center™ and .NET Framework (.NET 3.5 SP1)

Mobile Computer

The Pal client application runs on your mobile device.

NOTE

Refer to your Datalogic Mobile computer documentation for specific scanner configuration settings.

System Requirements

- .NET Framework (.NET 3.5 SP1)

Mobile Device Requirements

- Keyboard wedge enabled
- Desired barcode symbologies enabled
- Carriage return (CR) added as a barcode postfix

Pal Software

Overview

There are two components to the Pal software, Pal Communicator which installs on the host computer and Pal application software which loads on your mobile computer.

Installation and Setup

Pal is available from a number of sources including the Product CD and Datalogic Mobile website. You will need to install Pal Communicator on the host computer before installing or updating the application software on the mobile computer.

1. Double click on the Setup.exe file to start the installation process. If you downloaded the application, Pal Installer will be included in the zip file which must be decompressed before you can begin the installation process.
2. Follow the on-screen instructions to complete the installation of Pal Communicator. If Pal Communicator is already installed on your computer, the Startup wizard appears (see next page).
3. When you have completed the Pal Communicator installation, connect your mobile computer to the host PC using the USB cable that was shipped with your device. Either ActiveSync (Windows XP) or WMDC (Windows Vista or Windows 7) will automati-

cally launch. Once this application is active, you will be able to communicate with your mobile computer and transfer data to the host.

4.



NOTE

If a Datalogic Mobile device is connected that does not have Pal installed, a message is displayed asking if you would like to install Pal.

To manually install Pal on your mobile computer launch Pal Communicator and select Device from the File menu.

Before using the Pal applications, it is recommended that you launch Pal on the mobile computer and verify that the default settings meet your data capture requirements.

Pal Communicator

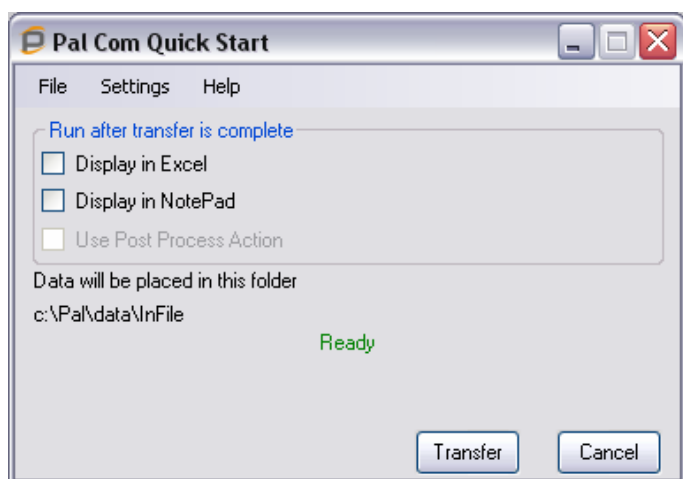
Overview

Pal Communicator is a PC application that allows you to manage the data transfer between a host computer and mobile devices.

Start-up

Launch Pal Communicator (Start\Programs\Datalogic\Pal Communicator).

When Pal Communicator first starts, the Quick Start page is displayed.



Quick Start Options

Display in Excel™

When this option is selected, the contents of the file transferred from the device will automatically be displayed in Excel when the data transfer is complete. The

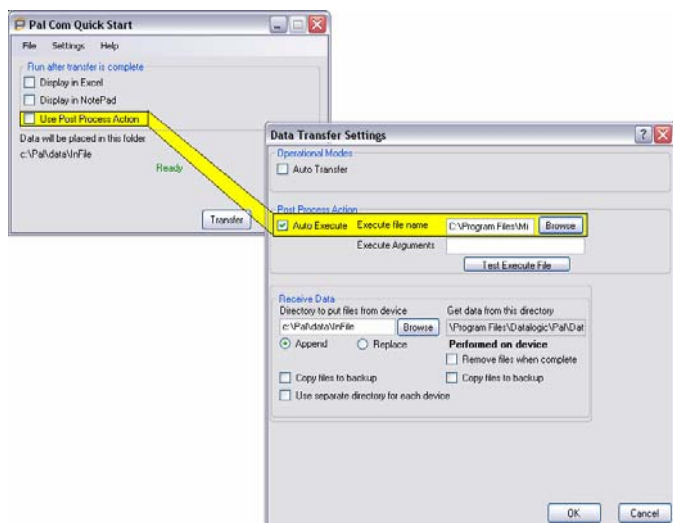
Excel default settings on your PC determine how the data is displayed. If you need to display the data differently, refer to the Excel manual to change these settings.

Display in Notepad™

When this option is selected, the contents of the file transferred from the device will automatically be displayed in Notepad when the data transfer is complete.

Post Processing

This checkbox is not active unless you supply additional information in the Data Transfer Settings window. Auto Execute must be selected and the Execute File Name box must contain a valid path to an application's executable file.



Transfer

Transfer allows you to move collected data from the device to the PC. Once the Pal applications are installed on the device and configured to match your data collection requirements, you can begin collecting data.

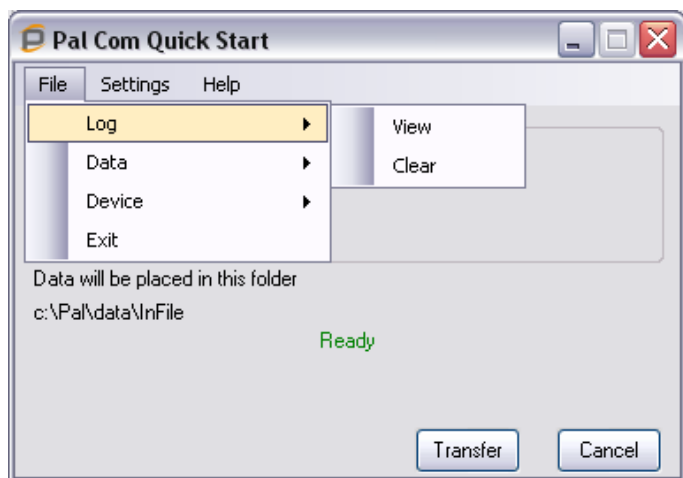
After collecting data, you can immediately transfer the data from the device to the host by using the Transfer button at the bottom of the Quick Start dialog box.

Quick Start Menu Options

File Menu

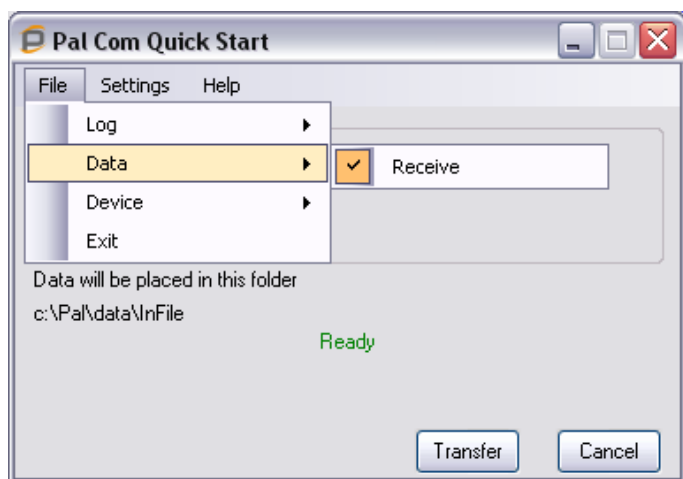
Log

Allows you to view or clear the contents of the log file. The default location for this file is Program Files\DataLogic\Pal Communicator\Logs.



Data > Receive

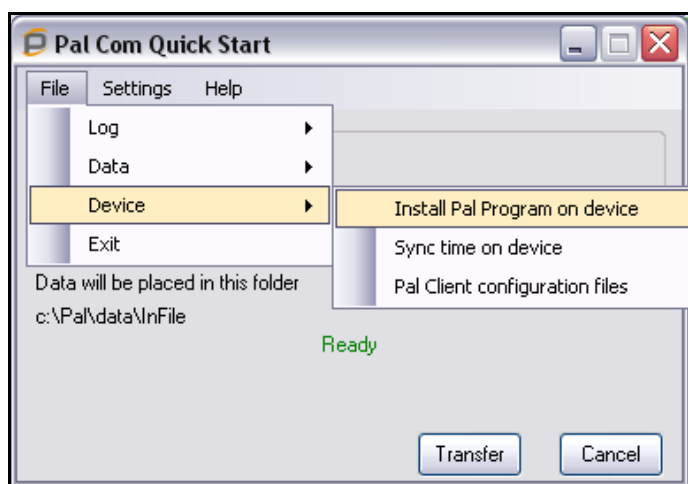
Selecting Receive initiates an immediate transfer of data from the device to the PC.



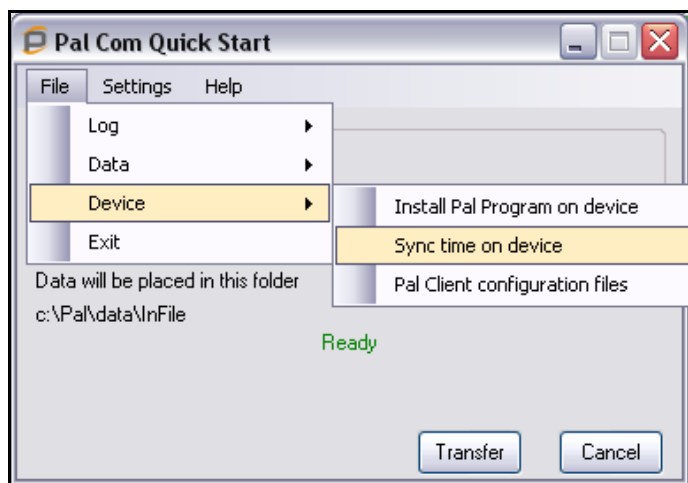
Device

The Device selection allows you to manually install the Pal client on a device, synchronize the time and date, update the device's configuration file or copy a custom configuration file to the device.

- Install Pal on device – When a device is *connected* to the host PC, selecting this option will install or update the Pal application on that device.

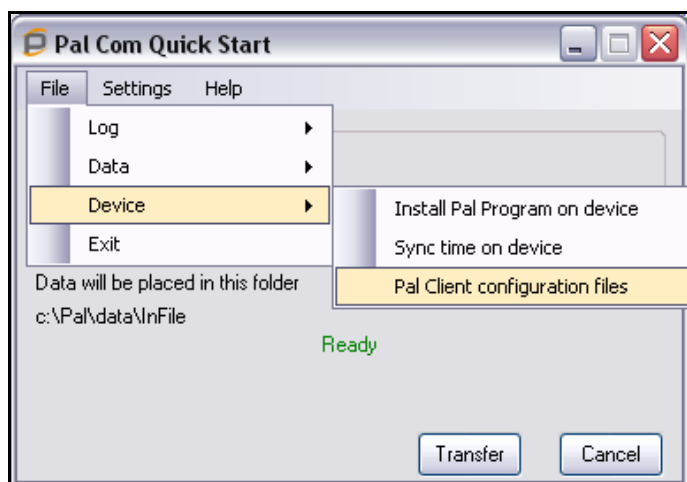


- Sync time on device – Synchronizes the time and date on the connected device with the host's time and date.



- Pal configuration files – save or update the configuration on the device connected to the PC. If you choose Update Configuration, you can either

select to use the default configuration or one you saved on the host.



Pal Client configuration files

Two options – save or update

Save device configuration – saves a copy of the configuration file to the host PC

Update device – is used to update the configuration with either a saved configuration file or the default configuration file.

Saved configuration

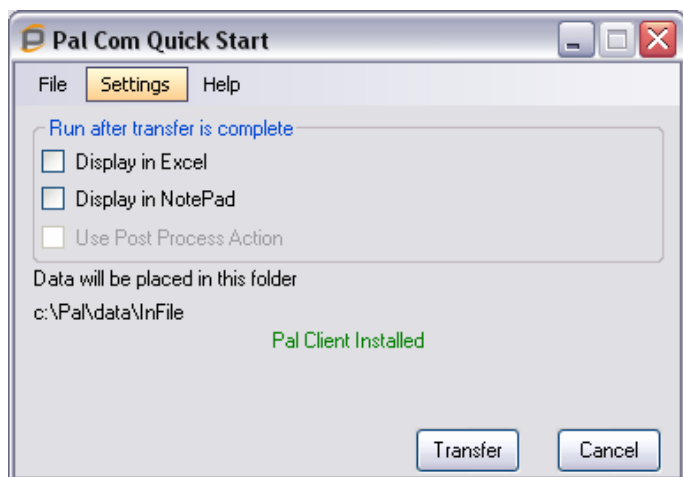
Default configuration

Exit

Exit terminates the Pal Communicator application on the host computer.

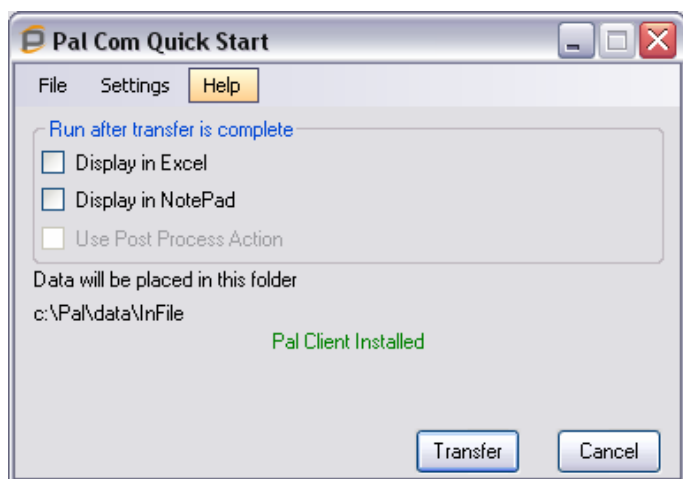
Settings

Selecting Settings opens the Data Transfer Settings window described later in this manual.



Help

Selecting Help opens online help and displays the help file which is an online version of this manual.



About

Selecting Help>About shows the software version and copyright information.

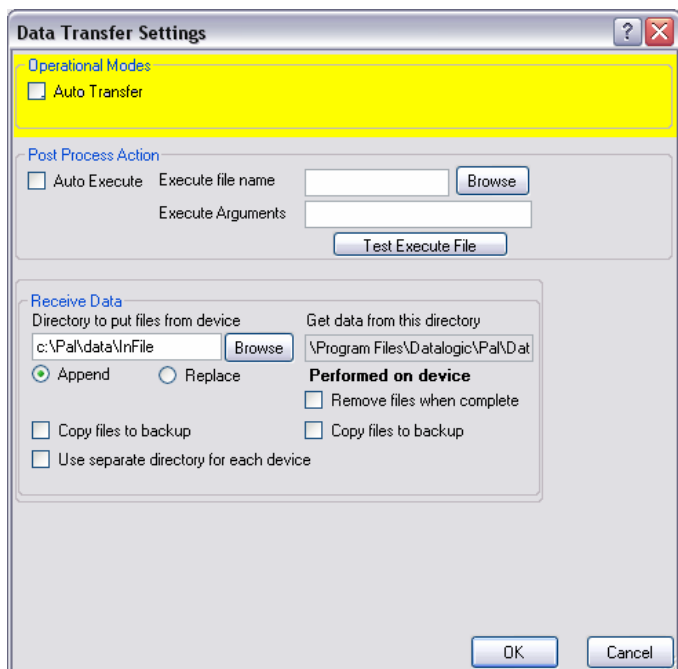


Data Transfer Settings

Data Transfer Settings are divided into three categories; Operational Modes, Post Processing Action and Receive Data.

Operational Modes – Auto Transfer

Selecting Auto Transfer initiates data transfer from the mobile computer whenever a device is connected to the PC. Auto Transfer uses Pal Communicator's default directories for transferring the data. These directories are shown in the Receive Data window below (c:\Pal\data\InFile). When you select Auto Transfer, pressing OK minimizes the application to the System Tray. The application will restart in the last state (minimized or maximized) when exit is selected or the application is closed.



Post Processing Action

Auto Execute

Auto Execute uses the contents of the Execute file name and Execute Arguments boxes on the right to determine which application or argument to use. The Test Execute File button tests the Auto Execute settings and reports the results in the Log file.

Data Transfer Settings

Operational Modes

☐ Auto Transfer

Post Process Action

☐ Auto Execute Execute file name:

Execute Arguments:

Receive Data

Directory to put files from device:

Get data from this directory:

☒ Append ☐ Replace

Performed on device

☐ Remove files when complete

☐ Copy files to backup

☐ Use separate directory for each device

This option is valuable for customers who want to process the data immediately after transferring it to the PC. For example, after the data is transferred, the system integrator may wish to:

- Process the data for content, such as removing quotes or changing the field formats

- Rename or copy the data to a different location
- Launch their own database application and import the data

To do this, the Auto Execute will launch the chosen executable program (EXE) or batch file (BAT) with the appropriate chosen arguments.

If you have questions or would like more information about this, contact your Datalogic Mobile Systems Services group to provide information and/or Consulting Services for your custom integration.

Receive Data Settings

The selections made here tell the Pal Communicator application how to manage the data you transfer from the device to the host. You can:

Data Transfer Settings

Operational Modes

☐ Auto Transfer

Post Process Action

☐ Auto Execute Execute file name: **Browse**

Execute Arguments:

Test Execute File

Receive Data

Directory to put files from device: **Browse**

Get data from this directory:

☒ Append ☐ Replace

Performed on device

☐ Remove files when complete

☐ Copy files to backup

☐ Use separate directory for each device

OK **Cancel**

-
- Receive Data>Directory to put files from device – change where the data files are stored on the host PC from the default location using the Browse button.
 - Append – append the newly collected to existing data file on the host.
 - Replace – replaces an existing data file with the recently collected data file.
 - Automatically make a backup copy of the data.
 - Choose which files to copy from the device to the host.
 - Use separate directories for each device – if you are transferring data from multiple devices, checking this button tells Pal to create separate directories for the files from each device..
 - Automatically remove the data files from the device once they have been transferred.

Pal Application

Overview

The Pal applications located on your mobile computer are all configurable to allow personalization (e.g. company logo), localization, and language preferences for the field prompts and field names. More advanced users may wish to modify the default applications by using the Pal Settings application. The following instructions describe how to customize the application settings.

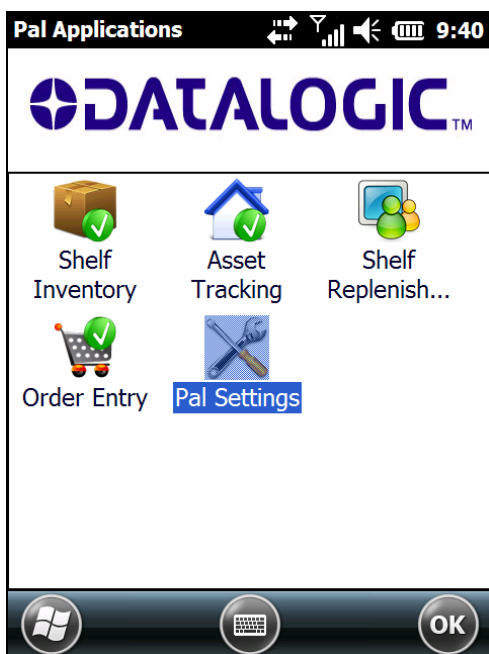
NOTE

The picture below shows a Windows Mobile 6.5 desktop. Your desktop will look different if you are using a Windows Mobile 6.1 or Windows CE device.



Using the Pal Settings Application

1. Tap the Pal icon to launch the application.
2. Tap Pal Settings icon in the Pal Applications window.



Main Menu

The Pal Settings Main menu has four tabs, General, Apps List, Pal Apps and About. When you launch the Pal Settings application, it initially displays the contents of the General tab.

Here is a brief description of the Pal Settings tabs:

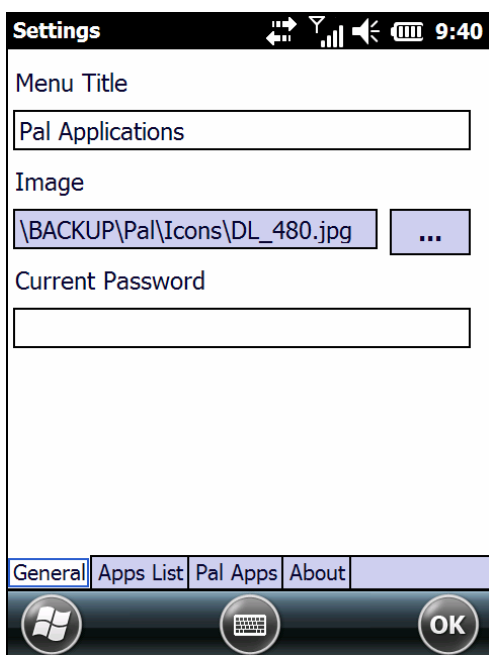
- General – allows you to change the Menu Title, change the application icon and set a password.

-
- Apps List – includes four default applications titled Shelf Inventory, Asset Tracking, Shelf Replenishment and Order Entry. Each of these applications can be renamed, or turned on and off (enabled or disabled).
 - Pal Apps – allows you to change field names, field delimiters, field type, font size and other application specific setup parameters.
 - About – displays the Pal version number and other application information.

General Settings

The General tab includes three settings:

- Menu Title – changes the title at the top of the screen (but not in the Programs menu).
- Image – allows for selection of a different logo to appear at the top of the main menu. See the Adding Your Company Logo description below.
- Current Password – for setting an administration password. It is recommended that the administrator set a password to make sure that once Pal applications are configured, only the administrator can make changes to the data capture settings and application parameters.



Adding Your Company Logo

From the General tab, use the Image field to provide a path to an image file on the device that contains the icon or logo you wish to display on the main menu. The image file must be either a .jpg, .png or .bmp format.

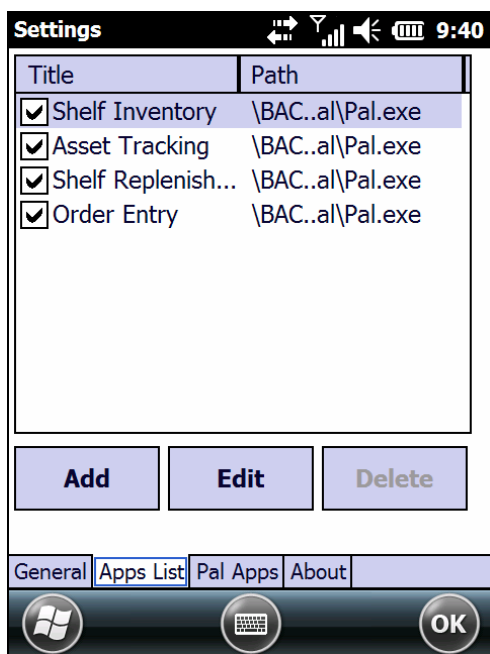
NOTE

If you wish to include your company logo, we recommend a 240x50 pixel image size for VGA and 480x100 pixels for full VGA devices.

Apps List Settings

The Apps List tab allows you to determine which applications will be displayed when you launch the Pal client.

The picture below shows that all the default applications are enabled.



You can add your own applications such as Calculator, IE or another custom program. All of the Pal default applications can be enabled or disabled, renamed or customized to use a different display icon. The buttons at the bottom of the screen allow you to Add a new application or Edit an existing application.

The Delete button is only active if you create a custom application. You cannot delete the four sample applications.

Add

This dialog box allows you to add a new application, choose a custom name, choose a display icon and define custom command line parameters.

1. Choose the display name. (e.g. IE)
2. Use the ... button to browse to an application icon that you previously transferred to the device. The icon file must be either a .jpg, .png or .bmp format.

NOTE

This icon must be the correct size to display correctly. We recommend a 64x64 pixel image size for application icons except for devices with QVGA displays whose icon should be 32x32 pixels.

Application Info 9:40

Application Title

Application Icon

Executable File

Command line parameters

☒ Enable application

OK Cancel

-
3. Use the ...button to browse to the .exe file for the new application.
 4. Define an optional Command line parameter. For example, this could be a URL but only if you have internet access on your mobile device.
 5. Select Enable application so that it appears on the Pal Applications desktop when you exit Pal Settings.

Edit

This dialog box allows you to modify an existing application, choose a custom title, executable, display icon and define custom command line parameters.

1. Select the Title field to enter a new application name. For example, you may want to change the title of the Order Entry application to Fill Order, Order fulfillment or simply Order.
2. Use the ... button to browse to different application icon. You can change the Application Icon by selecting another custom icon that you previously transferred to the device. The icon file must be either a .jpg, .png or .bmp format. To display correctly this icon must be the correct size.

NOTE

This icon must be the correct size to display correctly. We recommend a 64x64 pixel image size for application icons except for devices with QVGA displays whose icon should be 32x32 pixels.

3. Use the ...button to browse to the .executable file for the new application. This cannot be changed for the default applications.

Application Info 9:40

Application Title
Shelf Inventory

Application Icon
\\BACKUP\Pal\Icons\inventory64x6 ...

Executable File
\\BACKUP\Pal\Pal.exe ...

Command line parameters
INV

☒ Enable application

OK Cancel

4. Define any Command line parameters. For example, this could be a URL but only if you have internet access on your mobile device.

This example shows INV has been set as a Command line parameter. This will be used if the 'Include application ID' checkbox on the Pal Apps>Main screen is checked and tells Pal to look like an inventory application. . This cannot be changed for the default applications.

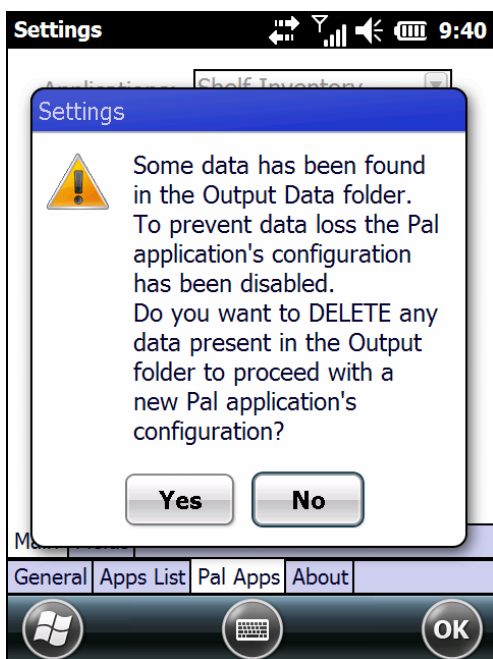
5. Select Enable application so that it appears on the Pal Applications list when you launch Pal on your device or uncheck this box to remove it from the display.
If you wish to disable a Pal application, uncheck the Enable Application checkbox and the application icon will not be shown in the main menu.

Pal Apps (Customizing the Applications)



The Pal Apps provides the options to customize each of the Pal applications. First, use the Pal Apps tab to select the application you want to customize. Then, use the Main and Fields tabs to edit the data and field settings.

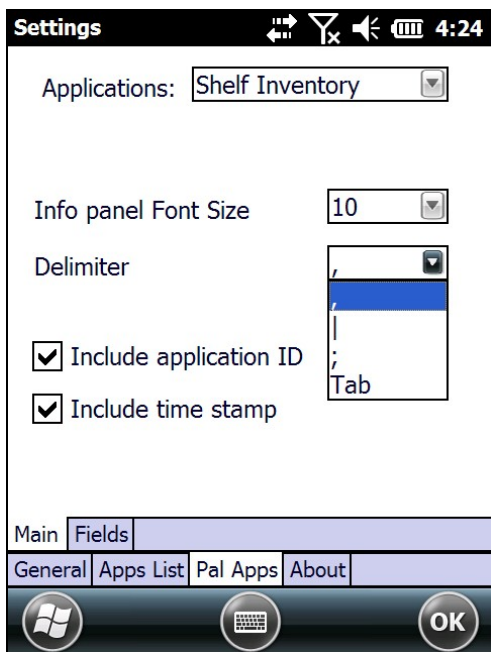
If you have previously used any of the applications, selecting the Pal Apps Tab will cause a warning to appear. Click Yes only if you *do not* wish to save this data.

Click No to retain the data. If you select No, the configuration task will be cancelled. Use Pal Communicator to transfer the data to the host before reconfiguring the application.



Pal Apps, Main Tab

- Info panel Font Size – determines the default display font size for an application. This size can be changed at any time while the application is running by using the   buttons at the top of the screen
- Delimiter – tells the application's database how to separate/identify each field's data content. The choices are comma, pipe, semi-colon and Tab as shown below.



- Include application ID – will append the application ID (e.g. INV for Shelf Inventory or AST for Asset Tracking) as the last field of each data record. If you open Apps List>Edit, you will see these IDs in the Command line parameter field.
- Include time stamp – when selected, the date and time of the data entry is added to each data record.

Pal Apps, Field Tab

This screen allows you to customize the Field names, data entry Type and Default setting for each field.

Settings 9:40

Applications: Shelf Inventory

Field	Prompt	Type	Default
<input checked="" type="checkbox"/> Field1	Location	Text	
<input checked="" type="checkbox"/> Field2			
<input checked="" type="checkbox"/> Field3			
<input type="checkbox"/> Field4			

☐ Loop ☒ Required

Main **Fields** General Apps List Pal Apps About

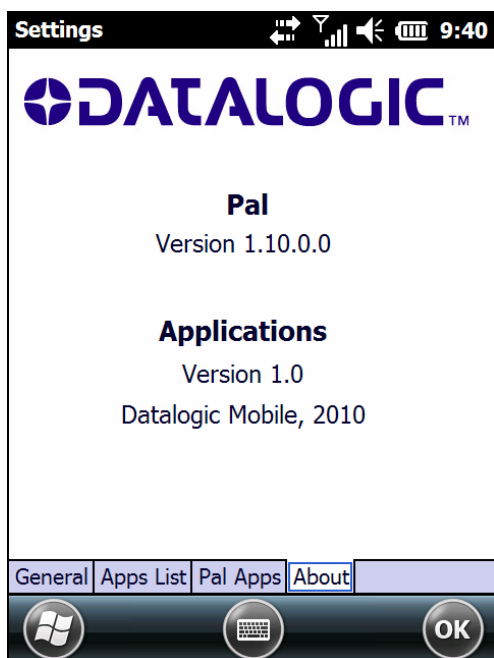
Windows [Printer Icon] OK

- Prompt – this entry determines the name displayed for this field when the application is used.

-
- Type – selections include Text, Date, Number, or Yes/No. If you select Text, Pal will add quotes before and after the text in the output data record.
 - Default – when an entry is made in this box, this is the preset value for this field.
 - Loop checkbox – tells the application to return to this field when all fields have been completed so you can automatically begin to enter data about the next item once a data record has been completed. For example, you might have multiple part numbers to a Location so you want to prompt the user once for the Location ID and then prompt for multiple Part Numbers within that Location. Part Number would be the loop field in this case.
 - Required checkbox – if this box is checked, the user must enter a value in this field.

About

The About tab shows the Pal and Pal application version information.



Using the Pal Applications

This section describes how to use the Pal applications with the factory-default settings. If your Pal application has been customized, you may see different program titles, prompts, or other features on your mobile computer.

NOTE

All the sample applications work the same except that they each have different field names and prompts.

Shelf Inventory

The Shelf Inventory application may be used to track inventory information. Shelf Inventory provides a choice of up to four fields and prompts. The name, order and content of these prompts can be customized using Pal Settings as described earlier in this manual. The following explanation describes the function of this application using the default settings.

The default settings have three fields enabled, Location, Item and Quantity.

- Location – this field helps distinguish where the data was collected. For example, if inventory data is being taken at multiple stores, each store should be given a unique identifier or name.
- Item – is a text field. An entry can be made by entering text directly or scanning a barcode.
- Quantity – is a number field and requires a numeric entry.

Field names can be changed or additional fields can be added if your data collection requires additional information. For example, if you need to parse the data by the type of products being scanned (e.g. household items, dairy products, beverages, etc.) a field titled Stock Type can be easily added using Pal Settings.

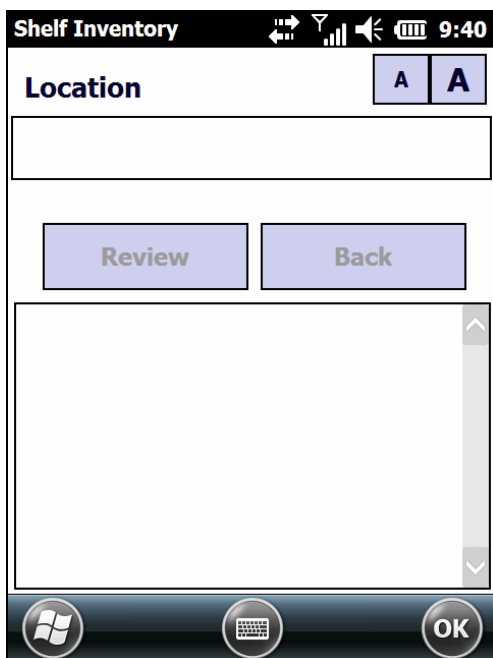
Using Shelf Inventory

1. Select the Shelf Inventory application from the Pal Application menu by tapping the icon.



Data Entry

- When the application launches, the Shelf Inventory Location screen appears.



- Enter the Location identifier using the keyboard and press Enter.

NOTE

You may notice a small keyboard icon at the bottom of your screen. Tapping this icon will display an on-screen keyboard.

Shelf Inventory 9:40

Location A A

site001

Review Back

OK

4. The next input screen titled **Item** automatically displays, prompting you to enter the item number. This entry can be made using the keyboard but is normally made by scanning the item's barcode.

NOTE

When you complete entering the Location information and press Enter, the bottom portion of the screen shows that you have begun creating a new record and displays the Location data you just entered. If Carriage Return (CR) is enabled as a barcode postfix, Pal automatically accepts the scanned entry and moves to the next field.

Each time you enter additional data about this record, it will be displayed when you complete the data entry.

5. Press Enter on the keyboard or your device to continue.

Shelf Inventory 9:40

Item A A

item001

Review Back

New Record:
Location: site001

Windows Keyboard OK

6. The next data entry screen, titled Quantity, appears. In this example there are 124 of Item001 on the shelf.

Shelf Inventory

Quantity

124

Review Back

New Record:
Location: site001
Item: item001

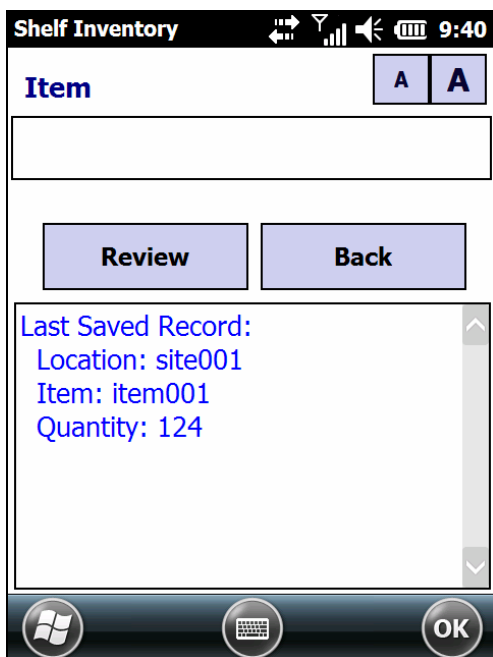
OK

7. Press Enter to complete the data entry. This completes the data entry for this record.

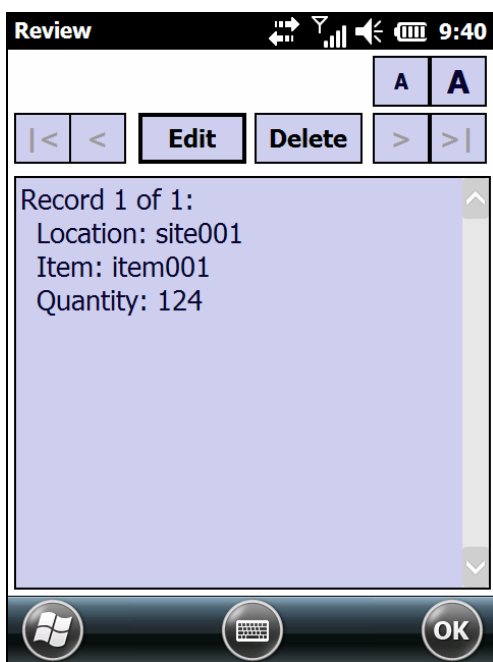
The Shelf Inventory program will return to the Item screen for additional data entry because the Pal Settings instructed the application to Loop on the Item field. If new Location information needs to be added during the scanning session, simply click on the Back button to display the Location screen and enter the new location information, then continue scanning using the Item and Quantity screens.

Review

8. Add all data for each item in inventory. When you have completed the data capture task, tap Review.



9. At this point you can review all data record entries and edit the data in each record or delete the record entirely.
10. Tap OK (Windows Mobile) or "X" (Windows CE) to end the Review mode and return to data entry.

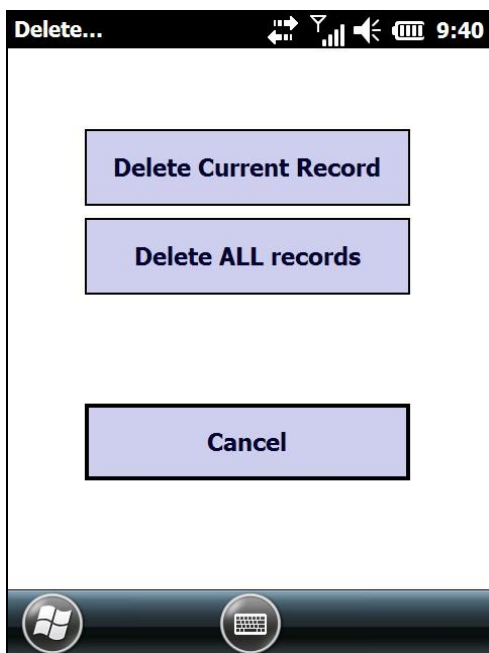


Button	Description
<	Go to the first record
<	Go back one record
Edit	Edit this record's data
Delete	Delete this record
>	Go forward one record
>	Go to end of file

NOTE

Exiting Review will return to the prompt from that was active when the Review button was hit. For example, if you hit Review while in the Quantity prompt, it will return to Quantity.

Delete



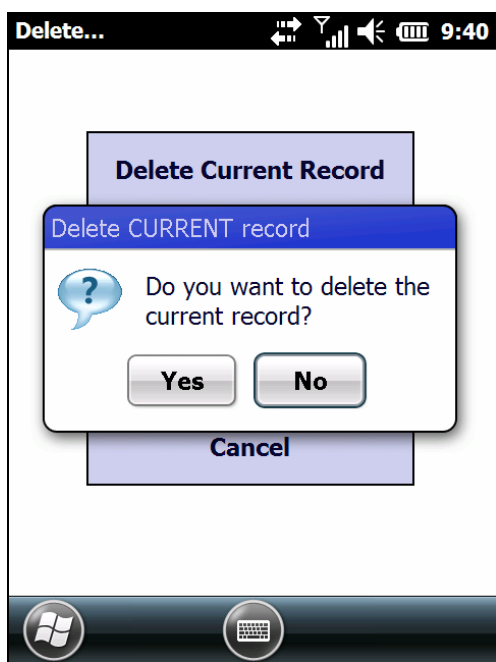
Delete Current Record – remove only this entry from the data collection database.

Delete ALL Records – delete the all data collection records from the device.

Cancel – cancel the Delete command. Do not delete the record from the database.

NOTE

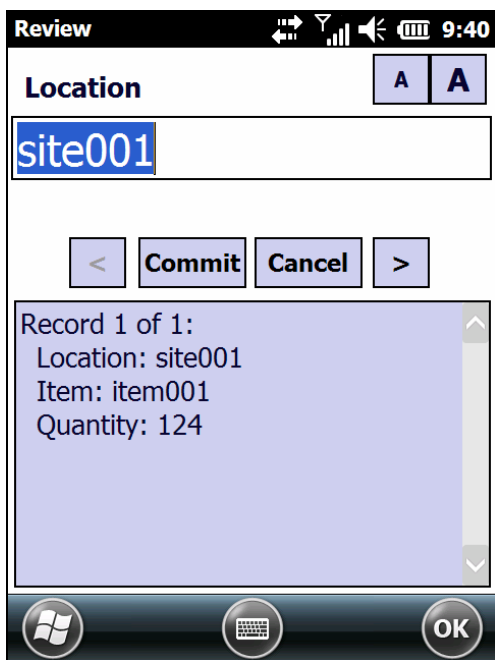
If you decide to delete the record, you will be asked to confirm the delete request (see below).



Edit

If you need to change a record's data, select Edit from the Review screen. In Edit mode, you can move through all the data fields and manually change any of their values (e.g. correct spelling errors, revise quantities, etc.)

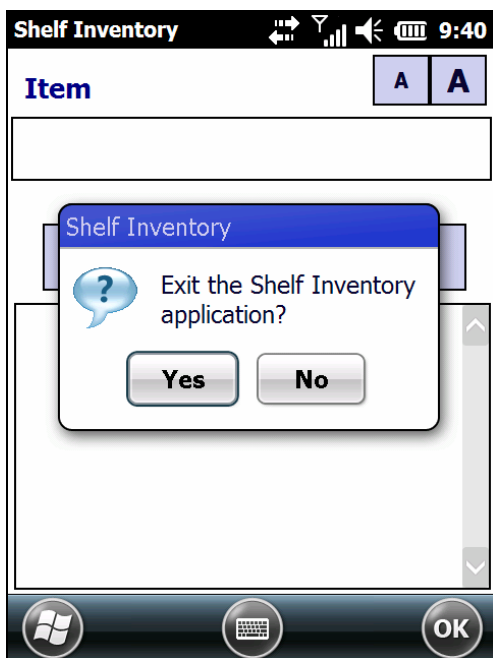
Button	Description
<	Go back to the previous field
>	Go forward to the next field
Commit	Saves changes & exits Edit mode
Cancel	Ends Edit mode without saving changes



1. To save changes after editing, press Commit. If you press Cancel, the program returns you to the previous screen where you can decide to Edit or Delete the record.

Exit

1. After all the data is collected, tap Yes to end the Asset Tracking application. This concludes the Shelf Inventory application.
2. Tap the OK button again to return to the desktop.



Asset Tracking

Use this application to track assets (furniture, phones, computers, electronic equipment, etc.) at various locations (departments, rooms, floors, buildings, departments, etc.). The application lets you enter an identification code for a location, collect all asset IDs at the location, and then enter another identification code for assets at a different location. You can use up to four prompts for this program so you can include additional data associated with each asset. Refer to Pal Settings for changing the default settings.

NOTE

Many of the functions of Asset Tracking work exactly like those functions in Shelf Inventory. If you do not see a detailed description here, refer to the description in Shelf Inventory.

Using Asset Tracking

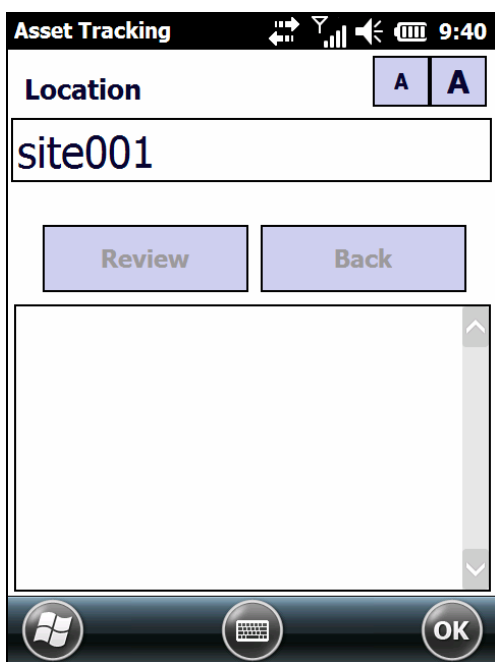
This example will use two prompts and a TAB delimiter.

To use Asset Tracking, complete the following steps:

1. From the Pal Application menu, tap the Asset Tracking application icon.



2. The first prompt appears on the screen. Enter the identification code for the Location (example, site001).



3. Scan a bar code for the Location or use the keypad to enter the Location ID.

NOTE

The code is entered automatically when using a scanner; when using a keypad, press the Enter key.

4. The second prompt now appears on the first line of the screen, and the Location ID appears on the third line.



5. Scan the bar code identifying an asset, or use the keypad to enter the Asset's ID number or description and press Enter.



The bottom of the screen displays the last record saved to the collected data storage file and the Asset input screen reappears. The mobile computer is ready to accept another ID for an asset at the current Location.

6. When finished collecting Asset IDs for the Location, tap the Back button to return to the first prompt to enter a new Location ID.
7. Repeat steps 2 through 5.
8. If you wish to enter additional assets, begin by scanning the next item's barcode and it will be appended to the current list. If you have completed the asset tracking entries, press OK and you will be asked if you wish to exit the Asset Tracking application.

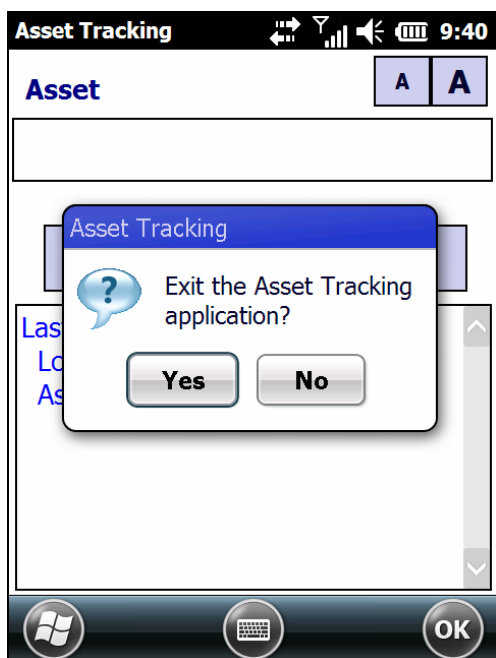
Data Collection (Output File)

The mobile computer stores the collected data in a single ASCII text file. When uploading the file to the PC, the data appears as a list. Each line in the list contains two fields separated by a Tab plus date/time stamp and a transaction identifier (AST). The first field is the location, and the second field is the asset's identification number. The table below is an example of a data file uploaded from a mobile computer that used the Asset application to collect data.

Output Data File Example

Location	ASSET #	DATE & TIME	CLASS
BLDG1	000295	3/11/2010 20.32.47	AST
BLDG1	001862	3/11/2010 20.32.11	AST
BLDG1	000945	3/11/2010 20.34.14	AST
BLDG1	001008	3/11/2010 20.34.22	AST
BLDG1	000036	3/11/2010 20.34.44	AST
BLDG1	000490	3/11/2010 20.34.55	AST
WH3E	004322	3/12/2010 12.34.14	AST

-
9. Tap Yes to end the Asset Tracking application. This concludes the Asset Tracking application.
 10. Tap the OK button to return to the desktop.



Shelf Replenishment

Shelf Replenishment has four predefined fields, Store, Shelf ID, Item and Quantity. The application loops on the Item field so that multiple items can be scanned or entered for one location.

NOTE

Many of the functions of Shelf Replenishment work exactly like those functions in Shelf Inventory. If you do not see a detailed description here, refer to the description in Shelf Inventory.



Using Shelf Replenishment

1. Enter the store ID or, if available, scan a barcode that includes this information.

The screenshot shows the 'Shelf Replenishment' app interface. At the top is a status bar with the title 'Shelf Replenishment' and various system icons (Bluetooth, signal strength, speaker, battery, and time 9:40). Below the status bar is a 'Store' label followed by two buttons labeled 'A'. Underneath is a text input field containing '001'. Below the input field are two buttons: 'Review' and 'Back'. A large, empty rectangular area with a vertical scrollbar is positioned below these buttons. At the very bottom is a navigation bar with three circular icons: a Windows logo, a barcode icon, and an 'OK' button.

-
2. Enter the Shelf ID. The shelf ID can be descriptive as in this example or a barcode for that contains the Shelf ID information.

The screenshot shows a mobile application interface titled "Shelf Replenishment". At the top, there is a status bar with icons for signal strength, battery, and time (9:40). Below the title bar, there is a section labeled "Shelf ID" with two buttons labeled "A" and "A". Below this is a text input field containing the word "Books". Underneath the input field are two buttons: "Review" and "Back". Below these buttons is a large text area displaying "New Record:" and "Store: 001" in green text. At the bottom of the screen is a navigation bar with three circular icons: a Windows logo, a barcode icon, and an "OK" button.

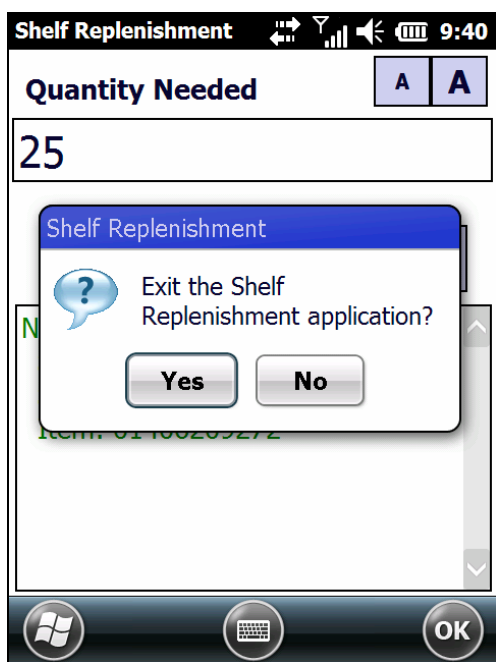
-
3. Enter the Item's identification number. A barcode was scanned for this example and the barcode's contents automatically filled the field.

The screenshot shows a mobile application interface titled "Shelf Replenishment". At the top, there is a status bar with icons for signal, Wi-Fi, battery, and the time 9:40. Below the title bar, there is a section labeled "Item" with two buttons labeled "A" and "A". A text input field contains the barcode number "01406209272". Below the input field are two buttons: "Review" and "Back". At the bottom of the screen, there is a scrollable area displaying the following text in green: "New Record:", "Store: 001", and "Shelf ID: Books". The bottom of the screen features a navigation bar with three circular icons: a Windows logo, a barcode icon, and an "OK" button.

-
4. Enter the number of items needed for restocking. Manually entering the number of items required completes the data entry record.

The screenshot shows a mobile application interface titled "Shelf Replenishment". At the top, there is a status bar with icons for signal, battery, and time (9:40). Below the title bar, the text "Quantity Needed" is displayed in a large font. To the right of this text are two small buttons labeled "A". Below the text is a large input field containing the number "25". Underneath the input field are two buttons: "Review" and "Back". Below these buttons is a scrollable text area containing the following information: "New Record:", "Store: 001", "Shelf ID: Books", and "Item: 01406209272". At the bottom of the screen is a navigation bar with three circular icons: a Windows logo, a barcode scanner icon, and an "OK" button.

5. If you wish to enter additional items, begin by scanning the next item's barcode and it will be appended to the current list. If you have completed the shelf replenishment entries, press OK and you will be asked if you wish to exit the Shelf Replenishment application.



6. Tap Yes to Exit the application. This concludes the Shelf Replenishment application.
7. Tap the OK button to return to the desktop.

Order Entry

Order Entry has been configured to compile basic order information including Site, Order ID, Item and Quantity.

Many of the functions of Order Entry work exactly like those functions in Shelf Inventory. If you do not see a detailed description here, refer to the description in Shelf Inventory.

Using Order Entry

1. From the Pal Application menu, tap Order Entry application icon to launch the application.



The first prompt appears on the screen.

-
2. Enter the identification code for the Site by either scanning a barcode or using the keypad.

NOTE

The code is entered automatically when using a scanner; when using a keypad, press Enter.

Order Entry 9:40

Site A A

00023

Review Back

Windows Keypad OK

3. Scan the bar code identifying an Order ID, or use the keypad to enter the Order ID number.
4. Press Enter if required.

Order Entry 9:40

Order ID A A

John-023

Review Back

New Record:
Site: 00023

Windows Barcode OK

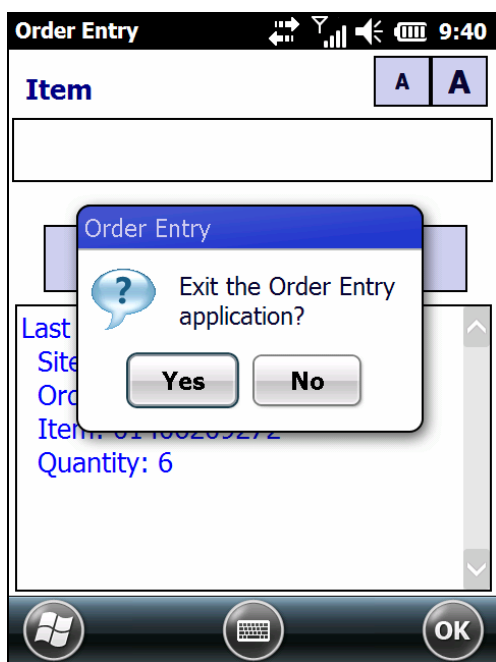
-
5. Scan the item's barcode label.

The screenshot shows a mobile application interface titled "Order Entry". At the top, there is a status bar with icons for signal strength, Wi-Fi, speaker, and battery, along with the time "9:40". Below the title bar, the word "Item" is displayed in blue. To the right of "Item" are two small blue buttons, each labeled "A". Below this is a large text input field containing the number "01406209272". Underneath the input field are two blue buttons labeled "Review" and "Back". Below these buttons is a scrollable text area containing the following text in green: "New Record:", "Site: 00023", and "Order ID: John-023". At the bottom of the screen is a dark blue navigation bar with three circular icons: a Windows logo, a barcode icon, and an "OK" button.

-
6. Enter the number of items pulled from inventory for this order.

The screenshot shows a mobile application interface titled "Order Entry". At the top, there is a status bar with icons for signal, battery, and time (9:40). Below the title bar, the word "Quantity" is displayed in a large font. To the right of "Quantity" are two buttons labeled "A". Below this is a text input field containing the number "6". Under the input field are two buttons: "Review" and "Back". Below these buttons is a scrollable text area containing the following information in green text: "New Record:", "Site: 00023", "Order ID: John-023", and "Item: 01406209272". At the bottom of the screen is a navigation bar with three circular icons: a Windows logo, a keyboard icon, and an "OK" button.

7. Once a quantity has been entered, the application will loop back to the Item input screen
8. If you wish to enter additional items to the order, scan the next item's barcode and it will be appended to the current order.
9. If you have completed the order, press OK and you will be asked if you wish to exit the Order Entry application.
10. Tap Yes to Exit the application. This concludes the Order Entry application.
11. Tap the OK button to return to the desktop.



Datalogic Mobile, Inc. Products_

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