



U-SCAN®

- *U-Scan Software Imaging and*
- *Installation with ScanMaster*
- *U-Scan GMM5*
- *(v3)*
-

U-Scan Software Imaging and Installation with ScanMaster

Date of Issue	Product Identification Number	Part Number	Brief Description
June 2009		518	Initial Release
June 2011	45001/115	89000656	GMM5
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Contents

Contents	b
INTRODUCTION	f
GMM5 Configurations	f
Introduction to Imaging	f
Introduction to Software Installation	g
DOCUMENT UPDATES.....	h
NEW U-SCAN INSTALLATIONS	1
ATTENDANT STATION.....	1
Prerequisites.....	1
Setting up the BIOS	2
ALL IN ONE - ATTENDANT STATION	2
TeamPoS 2000	7
TeamPos 3000 XL	9
TeamPos 3600.....	10
Installing the image for Ciara, TeamPoS 2000, TeamPoS 3000.....	11
Installing the image for TeamPoS 3600	12
Customizing the Image	13
Installing the U-Scan Software.....	16
Testing the Cashier Station Hardware	20
Customizing the U-Scan Software	21
Configuring the Cashier Configuration.....	22
Mobile Attendant Installation.....	23
MASTER CUSTOMER STATION	24
Prerequisites.....	24
Setting up the BIOS	25
CIARA PENTIUM 4	25
TeamPoS 2000	30
TeamPos 3000 XL	32
TeamPos 3600.....	33
Installing the image for the Ciara, Team PoS 2000, TeamPoS 3000.....	34
Installing the image for TeamPoS 3600	35
Customizing the Image	36
Installing StoreNext ScanMaster Software	40
Installing the U-Scan Software	46
Customizing the U-Scan Software	54
Testing the Customer Station Hardware	55
Setting the Customer Station Lane Number	59
Customizing the Station in Maintenance Mode.....	60
Mobile Attendant Installation.....	60

Performing Test Transactions.....	61
CUSTOMER STATION SETUP WITHOUT AN ATTENDANT STATION.....	62
Prerequisites.....	62
Setting up the BIOS.....	63
CIARA PENTIUM 4.....	63
TeamPoS 2000.....	68
TeamPos 3000 XL.....	70
TeamPos 3600.....	71
Installing the image for Ciara, TeamPoS 2000, TeamPoS 3000.....	72
Installing the image for TeamPoS 3600.....	73
Customizing the Image.....	74
Installing StoreNext ScanMaster Software.....	78
Installing the U-Scan Software.....	84
Customizing the U-Scan Software.....	92
Testing the Customer Station Hardware.....	92
Setting the Customer Station Lane Number.....	96
Customizing the Station in Maintenance Mode.....	97
Performing Test Transactions.....	97
CUSTOMER STATION SETUP WITH ATTENDANT STATION.....	98
Prerequisites.....	98
Setting up the BIOS.....	99
CIARA PENTIUM 4.....	99
TeamPoS 2000.....	104
TeamPos 3000 XL.....	106
TeamPos 3600.....	107
Installing the image for the Ciara, TeamPoS 2000, TeamPoS 3000.....	108
Installing the image for TeamPoS 3600.....	109
Customizing the Image.....	110
Installing StoreNext ScanMaster Software.....	114
Installing the U-Scan Software.....	120
Customizing the U-Scan Software.....	127
Testing the Customer Station Hardware.....	127
Setting the Customer Station Lane Number.....	131
Customizing the Station in Maintenance Mode.....	132
Performing Test Transactions.....	132
UPGRADES.....	134
Backing Up the Weights Database.....	134
ATTENDANT STATION.....	135
Prerequisites.....	135
Upgrading the U-Scan Software.....	135
Testing the Cashier Station Hardware.....	140
Customizing the U-Scan Software.....	141
Configuring the Cashier Configuration.....	141

MASTER CUSTOMER STATION	143
Prerequisites	143
Upgrading the U-Scan Software	143
Customizing the U-Scan Software	150
Testing the Customer Station Hardware	150
Setting the Customer Station Lane Number	154
Customizing the Station in Maintenance Mode	155
Performing Test Transactions	155
Restoring the Weights Database	156
CUSTOMER STATION SETUP WITH NO ATTENDANT STATION	157
Prerequisites	157
Upgrading the U-Scan Software	157
Customizing the U-Scan Software	165
Testing the Customer Station Hardware	166
Setting the Customer Station Lane Number	169
Customizing the Station in Maintenance Mode	170
Performing Test Transactions	170
Restoring the Weights Database	171
CUSTOMER STATION SETUP WITH ATTENDANT STATION	172
Prerequisites	172
Upgrading the U-Scan Software	172
Customizing the U-Scan Software	179
Testing the Customer Station Hardware	179
Setting the Customer Station Lane Number	183
Customizing the Station in Maintenance Mode	183
Performing Test Transactions	184
Restoring the Weights Database	184
OVERVIEW OF CASHIERLESS OPERATION	185
Local Direct Mode	186
Security	186
Station Manager	187
Receipt Printing	187
U-Scan Failover	188
Methods of Payment	188
Cash	189
Large or Damaged Bills	189
Dispense Failure	189
Credit / Debit and other Electronic Tenders	190
Check Payment	190
BACKUP AND RESTORING THE NBC DATA WHEN UPGRADING FROM GMM4 TO GMM5	190
Backing Up the NBC Data	191
Restoring the NBC Data that was Backed Up (as GMM4) to the (GMM5) installation:	193

Restoring the NBC Data.....	194
QUESTION AND ANSWER SECTION	196
QUESTION 1.....	196
QUESTION 2.....	197
QUESTION 3.....	199
QUESTION 4.....	200

INTRODUCTION

NOTE:

THIS DOCUMENT ASSUMES THAT THE USER HAS BEEN THROUGH THE U-SCAN HARDWARE COURSE SINCE THIS DOCUMENT IS WRITTEN AROUND THE SOFTWARE INSTALLATION ONLY

GMM5 Configurations

There are two basic configurations of GMM5.

- 1) **Attendant station with Customer stations**
This uses the Attendant station with or without a Mobile Attendant device. No Master Customer station is used in this configuration.
- 2) **Master Customer station with Customer stations**
This configuration uses the Master Customer station with a Mobile Attendant and Customer stations. This configuration does NOT contain any Attendant station and uses the Master Customer station for consolidated reporting and NBC editing.

Introduction to Imaging

Imaging is the compression of the contents of a computer's hard disk into a single file or set of files. An image is composed of a file or group of files and contains the configuration data and applications to be copied to hard disks on other computers.

In this section, imaging software will be used to clone the entire contents of a hard disk onto the U-Scan computers. The disk is automatically formatted and partitioned as part of the process.

Imaging procedures vary depending on the PC configuration. This guide walks you through imaging procedures applicable to **StoreNext U-Scan® Attendant, Master Customer Station and Customer Station Computers.**

The below are the current image CD's that are supported by StoreNext U-Scan

- 89000539 (P4I-CiarWE06) image for the Ciara All-in-One and PC.
- 89000540 (P4I-TP2KWE06) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000541 (P4I TP3KWE06) image for the TeamPoS 3000 XL
- 89000633 (P4I TP36PR01) image for the TeamPoS 3600

The below is the Customization CD to be used with the above images

- 89000542 (P4C-216-15)

Introduction to Software Installation

Installing U-Scan software using the **Install Shield Wizard for U-Scan** installs all files and applications needed for the U-Scan software to operate.

This guide walks you through U-Scan software installation using the TeamPOS 2000 as an example for the Customer station / Master Customer Station installation throughout this document and a Ciara All-in-One as the Cashier station installation.

After the U-Scan software has been installed, you will be required to customize the software according to the variations found in each particular store set up. These variations might be related to whether the Attendant Station is equipped with a Mobile Attendant, whether you are using a Cashierless setup with the Master Customer Station or whether the setup consists of four or more Customer Station lanes.

It is very important that you understand the Hardware that you are working with prior to installing this software so that you can successfully load and configure the software to match your hardware.

DOCUMENT UPDATES

Issue 1: This is the first draft release of this document.

Issue 2: This is the second release of this document updated for the GMM5 installation with ScanMaster.

Issue 3: This is the third release of this document updated for:

- There are three versions of GMM5 (v16.1, v17.1, v18.0)
 - Part # 89000632 GMM5 -16.1- major feature- PCI compliancy
 - Part # 89000632 GMM5- 17.1- major feature- Databar coupon support
 - Part # 89000698 GMM5- 18.0- major feature- HoneyWell Dolphin 9700 for Mobile Attendant support
- Update regarding the Honeywell Dolphin 9700 device for Mobile Attendant.
- Remove TPG section which does not need to be installed.
- Clarify reference to using Administrator User.

NEW U-SCAN INSTALLATIONS

ATTENDANT STATION

Prerequisites

Gathering the Software Information

Ensure You Have the Correct Imaging CD

- 89000539 (P4I-CiarWE06) image for the Ciara All-in-One and PC.
- 89000540 (P4I-TP2KWE06) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000541 (P4I TP3KWE06) image for the TeamPoS 3000 XL
- 89000633 (P4I TP36PR01) image for the TeamPoS 3600

Ensure You Have the Correct Customization CD

- 89000542 (P4C-216-15)

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5 18.0

Gathering the Hardware Information

NOTE:

The below is based on the knowledge that you gained from attending the U-Scan hardware course and not from this document.

Type of U-Scan lane (NextGen, Genesis)

Type of lane configuration (Platform, Carousel or Belted)

Type of controller (Ciara, TP2000, TP3000 XL or TP3600)

Whether you are going to use a Mobile Attendant

Configurations (With Attendant, No Attendant, Master Customer Station and Customer Stations)

Type of Monitor and touch used (MicroTouch, EloTouch, RS232 or USB connected touch)

Setting up the BIOS

ALL IN ONE - ATTENDANT STATION

This task is only needed if you are imaging a **new** computer. Only change the settings mentioned in these steps. All other settings are to remain as default.

How to Enter the BIOS

- 1) Reboot the computer by pressing on the **Power** button.
- 2) While the Computer is starting, press **F2** to enter the BIOS.

The **BIOS Setup Utility** main menu appears.

Setting Up the PCI Configuration

- 1) Use the right arrow to select the **Advanced** option from the menu bar at the top of the screen.

The **Advanced** menu options appear. The **PCI Configuration** submenu is highlighted.

- 2) Press **ENTER** to select the **PCI Configuration** submenu.

The **PCI Configuration** options appear.

- 3) Use the down arrow key to select **PCI Slot 1 IRQ Priority**, then press **ENTER**.

The list of possible **IRQ priorities** appears.

- 4) From the list of possible IRQ priorities, select **Auto**, then press **ENTER**.

- 5) Select **PCI Slot 2 IRQ Priority [AUTO]** & press **ENTER**.

The list of possible **IRQ priorities** appears.

- 6) **Auto** is selected, press **ENTER**.

The **PCI Configuration** menu appears.

- 7) Select **PCI SLOT 3 IRQ Priority [AUTO]** & press **ENTER**
- 8) **Auto** is selected, press **ENTER**.
- 9) Press **ESC** to return to the **Advanced** menu.

Set Up the Boot Configuration

- 1) From the **Advanced** menu, use the down arrow to select the **Boot Configuration** submenu.
- 2) Press **ENTER**.

The **Boot Configuration** options appear.

- 3) Verify that the following settings are correct:

Plug & Play O/S: **No**

Reset Config Data: **No**

Numlock: **On**

- 4) Press **ESC** to return to the **Advanced** menu.

Set Up the Peripheral Configuration

- 1) From the **Advanced** menu, use the down arrow to select the **Peripheral Configuration** submenu.
- 2) Press **ENTER**.

The **Peripheral Configuration** options appear.

- 3) Verify that the following settings are correct:

Serial Port A: **Enabled**

Base I/O Address: **3F8**

Interrupt: **IRQ 4**

Serial Port B: **Enabled**

Mode: **Normal**

Base I/O Address: **2F8**

Interrupt: **IRQ 3**

Parallel Port: **Enabled**

Mode: **ECP**

Base I/O Address: **378**

Interrupt: **IRQ 7**

DMA: **1**

IRQ 10: **Disabled**

IRQ 11: **Enabled**

Audio Device: **Enabled**

LAN Device: **Enabled**

Legacy USB Support: **Disabled**

4) Press **ESC** to return to the **Advanced** menu.

Set Up the IDE Configuration

1) From the **Advanced** menu, select **the IDE Configuration** submenu.

2) Press **Enter**.

The **IDE Configuration** menu options appear.

3) Verify the following settings:

IDE Controller: **Both**

PCI IDE Bus Master: **Enabled**

Hard Disk Pre-Delay: **Disabled**

4) Press **ESC** to return to the **Advanced** menu.

Set Up the Diskette Configuration

- 1) From the **Advanced** menu, select **Diskette Configuration**.
- 2) Press **ENTER**.
- 3) Verify the following settings:

Diskette Controller: **Enabled**

Floppy A: **1.44/1.25 MB 3 1/2**.

Diskette Write Protect: **Disabled**
- 4) Press **ESC**.

Set Up the Power Management Features

- 1) Use the right arrow to select the **Power** menu from the menu bar at the top of the screen.
- 2) Select **APM**.
- 3) Press **ENTER**.
- 4) Set Power Management to **Disabled**.
- 5) Press **ESC** to return to the **Power** menu.
- 6) Use the down arrow to select **ACPI**.
- 7) Press **ENTER**.
- 8) Verify the following settings:

ACPI Suspend State: **S1 State**

Wake on LAN From S5: **Stay Off**

Disable USB S3 Resume: **Disabled**
- 9) Press **ESC** to return to the **Power** menu.
- 10) Verify the following settings:

After Power Failure: **Stay Off**

Wake on LAN: **Stay Off**

Wake on PME: **Stay Off**

Wake on Modem Ring: **Stay Off**

Set Up the Boot Menu

- 1) Use the right arrow to select the **Boot** menu from the menu bar at the top of the screen.

The **Boot** menu options appear.

- 2) Verify the following settings:

Quiet Boot: **Disable**

Intel Rapid BIOS Boot: **Enabled**

Scan User Flash Area: **Disabled**

Use the down arrow to select the **Boot Device Priority** submenu.

- 3) Press **ENTER**.

- 4) Verify the following settings:

1st Boot Device: **ATAPI CD-ROM**

2nd Boot Device: **Hard drive**

3rd Boot Device: **Removable DEV** (If the selection is available)

4th Boot Device: **Disabled**

Press **ESC**.

Exit the BIOS

- 1) Use the right arrow to select **Exit** from the menu bar at the top of the screen.

The **Exit** menu appears. **Exit Saving Changes** is highlighted.

- 2) Press **ENTER** to select **Exit Saving Changes**.

The message **Save configuration changes and exit now?** Appears.

- 3) Press **ENTER** to select **Yes**.

The computer restarts.

TeamPoS 2000

You only need to perform this task if you are imaging a **new** Computer. Continue with the next task if you are re-imaging an existing Computer. **Only change the settings mentioned in these steps.** Leave all other settings unchanged.

How to Enter the BIOS

- 1) Press the **Power** button to restart the Computer.
- 2) While the Computer is starting, press **DELETE** to enter the BIOS when the message **PRESS DEL TO ENTER SETUP** displays.

You are prompted to enter a password.

- 3) Press **ENTER** to continue.

The **BIOS Setup** screen appears.

Set Up the Time and Date

- 1) Use the right arrow to select the **Main** option from the menu bar at the top of the screen.

The **Main** menu options appear.

- 2) Use the arrow keys to select **System Time**.
- 3) Use the **TAB** and **+** or **-** keys as required to set the time.
- 4) Use the arrow keys to select **System Date**.
- 5) Use the **TAB** and **+** or **-** keys as required to set the date.

Set Up the Optimal Defaults

- 1) Use the right arrow to select the **Exit** option from the menu bar at the top of the screen.

The **Exit** menu options appear.

- 2) Use the arrow keys to select **Load Optimal Defaults**.
- 3) Press **ENTER**.

The message **Load Optimal Defaults?** appears.

- 4) Press **ENTER**.

Set Up the Boot Menu

- 1) Use the right arrow to select the **Boot** menu from the menu bar at the top of the screen.

The **Boot** menu options appear.

- 2) Use the arrow keys to select **Boot Group Priority**.
- 3) Press **ENTER**.

The **Boot group priority** screen appears.

- 4) Use the up/down arrows to select the **1st Boot Device** submenu.
- 5) Press **ENTER**.
- 6) Select **CD-ROM:** and press **ENTER**.
- 7) Press **ESC** to return to main **Boot** menu.

Save the Changes and Exit the BIOS

- 1) Use the right arrow to select **Exit** from the menu bar at the top of the screen.

The **Exit** menu appears. **Exit Saving Changes** is highlighted.

- 2) Press **ENTER** to select **Exit Saving Changes**.

The message **Save configuration changes and exit setup?** appears.

- 3) Press **ENTER** to select **Yes**.

The computer restarts.

TeamPos 3000 XL

You only need to perform this task if you are imaging a **new** Computer. Continue with the next task if you are re-imaging an existing Computer. **Only change the settings mentioned in these steps.** Leave all other settings unchanged.

How to Enter the BIOS

- 1) Press the **Power** button to restart the Computer.
- 2) While the Computer is starting, press **F2** to enter the BIOS when the message **PRESS F2 TO ENTER SETUP** displays.

Set Up the Time and Date

- 1) Select Standard CMOS Features.
- 2) Set the date and time on this screen.
- 3) Hit **ESC** to return to the main screen

Set Up the Optimized Defaults

- 1) From the Main screen select Load Optimized Defaults
- 2) Press the **Y** key and then Enter

Set Up the Boot Menu

- 1) From the Main screen select Advanced BIOS Features
- 2) Arrow down to the First Boot Device.
- 3) Press **ENTER**.
- 4) Select **CDROM:** and press **ENTER**.
- 5) Press **ESC** to return to the Main menu

Save the Changes and Exit the BIOS

- 1) On the Main menu select Save and Exit and hit the Enter key
- 2) Hit **Y** and press **ENTER** to save to CMOS and exit.

The computer restarts

TeamPos 3600

You only need to perform this task if you are imaging a **new** Computer. Continue with the next task if you are re-imaging an existing Computer. **Only change the settings mentioned in these steps.** Leave all other settings unchanged.

How to Enter the BIOS

- 1) Press the **Power** button to restart the Computer.
- 2) While the Computer is starting, press **DEL** to enter the BIOS when the message **PRESS DEL TO ENTER SETUP** displays.

Set Up the Time and Date

- 1) Select Standard CMOS Features.
- 2) Set the date and time on this screen.
- 3) Hit **ESC** to return to the main screen

Set Up the Optimized Defaults

- 1) From the Main screen select Load Optimized Defaults
- 2) Press the **Y** key and then Enter

Set Up the Boot Menu

- 1) From the Main screen select Advanced BIOS Features
- 2) Arrow down to the First Boot Device.
- 3) Press **ENTER**.
- 4) Select **P2-DW-224S-V:** and press **ENTER**.
- 5) Press **ESC** to return to the Main menu

Save the Changes and Exit the BIOS

- 1) On the Main menu select Save and Exit and hit the Enter key

2) Hit **Y** and press **ENTER** to save to CMOS and exit.

The computer restarts

Installing the image for Ciara, TeamPoS 2000, TeamPoS 3000

Ensure You Have the Correct Imaging CD

- 89000539 (P4I-CiarWE06) image for the Ciara All-in-One and PC.
- 89000540 (P4I-TP2KWE06) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000541 (P4I TP3KWE06) image for the TeamPoS 3000 XL

Follow the steps below to install the image on the PC.

- 1) Insert the **Image CD** into the CD-ROM drive.
- 2) Restart the Computer by pressing the **Power** button.
- 3) Wait until the Computer restarts.

A **DOS** menu appears.

- 4) Use the arrow keys to highlight **Install New Image**.
- 5) Press **ENTER**.

The message **Proceed with imaging [Y, N]?** appears.

- 6) Enter **Y** for yes.

Ghost launches and the image is installed. When the installation is complete, the system prompts you to reboot the Computer.

- 7) Remove the **Image CD** from the CD-ROM drive.
- 8) Press **CTRL+ALT+DEL** to restart the Computer.

Windows starts.

The system can take from one to two minutes before it discovers the hardware.

- 9) The Wizard installs all drivers automatically, and the message **Do you want to restart your computer now?** appears.
- 10) Click **Yes**.

The Computer restarts

Installing the image for TeamPoS 3600

Ensure You Have the Correct Imaging CD

- 89000633 (P4I TP36PR01) image for the TeamPoS 3600

Follow the steps below to install the image on the PC.

- 1) Insert the **Image CD** into the CD-ROM drive.
- 2) Restart the Computer by pressing the **Power** button.
- 3) Wait until the Computer restarts.
- 4) System will boot to a prompt "**Press any Key to boot from CD or DVD...**".
- 5) Press **ENTER**.

Windows is loading files... will appear followed by a DOS box. Do not do anything.

- 6) Team PoS3600 Image Transfer box will appear with the following message:

Image will be restored to Drive #1. All data on Drive #1 will be destroyed and the system rebooted. Press OK to proceed or Cancel to Exit.

Press **OK**.

Ghost launches and the image is installed. When the installation is complete, the system prompts you to reboot the Computer.

- 7) Team PoS3600 Image Transfer box will appear with the following message:

Image restored successfully to Drive #1. Press OK to reboot or Cancel to Exit.

Press **OK**

- 8) Remove the **Image CD** from the CD-ROM drive.

Windows starts.

The system can take from one to two minutes before it discovers the hardware.

- 9) The Found New Hardware Wizard appears. Select *Install the software Automatically (Recommended)*.
- 10) Press **Next**
- 11) Press **Finish**
- 12) Press **CTRL ALT DEL** to reboot.

The Computer restarts

Customizing the Image

Ensure You Have the Correct Customization CD

- 89000542 (P4C-216-15)

Follow the steps below to install the CustomizationCD.

- 1) When the computer restarts wait until, the message **Please insert Customization CD** appears. Proceed to insert it now.
- 2) Click **OK**.

Note: If the **U-Scan Image Configuration** screen does not appear after you restart the computer, go to **D:\installpackages** and double-click on **ImageCus.exe**.

- 3) When the password screen appears, enter the password **(1223)** and then press **ENTER**.
- 4) In the **Customer field**, select **StoreNext** from the drop-down list.
- 5) In the **StationType** field, select the appropriate station type (**Operator**) from the dropdown list.
- 6) In the **Selectable/device/software list**, click **Select screen resolution**.
- 7) In the **Device Software model** field select as appropriate (depending on the set up, please refer to the selections below).

Cashier Station with 2 or 3 or 4 Lanes
Cashier Station with 6 Lanes

- 8) In the **Selectable/device/software list**, click **Select Touch Screen**.

- 9) Select **Elo Touchscreen** (RS232 or USB) for **resistive** monitors or select **MicroTouch Capacitive Touch screen** (RS232 or USB)

NOTE: This is based on the Hardware ordered for the store and your knowledge from attending the U-SCAN hardware course).

- 10) Click **OK**

The **Confirm Selection** screen appears.

- 11) Read the information to ensure that your selections are correct.

- 12) If you need to change selection, click **Cancel**, then repeat step 1 to 11.

- 13) Click **OK** if the system selections are correct.

Note: Do not click anything while the image customization process is in progress.

Configure the Station

- 1) When the **Configure Station** confirmation screen appears, click **Yes**.
- 2) Select the **System Information** tab.
- 3) Select **StoreNext** from the drop-down list.
- 4) Click **Apply**.

The message **Store and Network configuration will be changed. Are you sure you want to continue?** appears.

- 5) Click **Yes**.
- 6) Select the **Store Configuration** tab.
- 7) Under **store number**, enter the store number. (Example: 123).
- 8) Under **cluster ID**, enter **"A"** for cluster 1 or **"B"** for cluster 2.
- 9) Under **station ID**, select **cashier**.
- 10) Verify the computer name. Refer to the example below:

Assume that the **store number** is “123” and that the **cluster ID** is “A”. The computer name as per standard naming convention should be: **CASH_123A**

Note: Do NOT uncheck the **Generate a computer name using OPMR Rules** box and assign the Attendant computer a name that deviates from the standard naming convention as defined above.

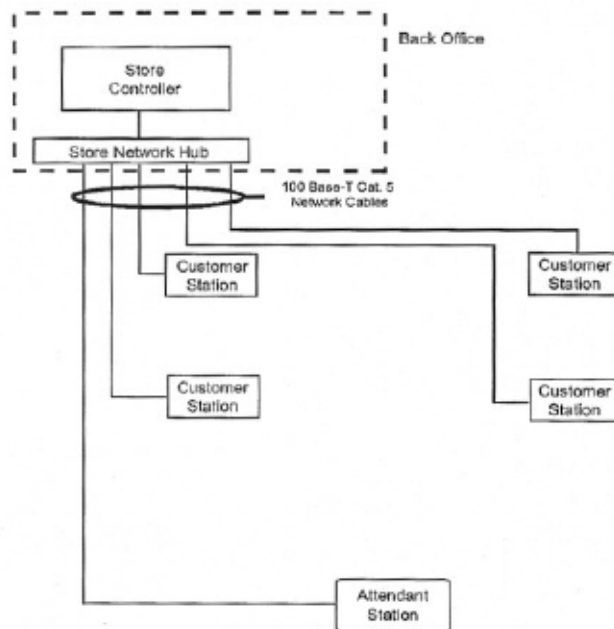
11) Select the **Network Configuration** tab.

12) Disable **IP forwarding**

13) Verify that the **IP setting** is configured to Your IP Address for the LAN you are connecting to. (Example: **192.168.0.5**)

NOTE: U-SCAN can now run on the same LAN as the ScanMaster system. The address here would be the IP Address that would be in the same range used by ScanMaster. (Example: 129.103.2.200) if the ScanMaster LAN is on the 129.103.2.x addresses)

Some stores connect each Station directly to the Store Network and eliminate the separate U-Scan Network. In this case, each Customer Station has only one network card, and there is no Network Hub at the Attendant Station.



Regular U-Scan self-checkout system cable connections - no U-Scan LAN

14) Click **OK**.

The PC will reboot in about 15 to 20 seconds. DO NOT REMOVE THE CUSTOMIZATION CD. The system configuration process continues.

NOTE: The system prompts you to calibrate the touchscreen. Follow the on-screen instructions to calibrate the touchscreen.

15) The message **Base Image configuration complete. You are now ready to install U-Scan software. Please insert the auto-run CD in the drive now!** appears.

16) Proceed to close the window and remove the **Customization CD.**

Adjust the Time Zone and Time

- 1) Double-click the time on the taskbar.
- 2) Click **Time Zone** tab.
- 3) Set the time zone.
- 4) Set to match store setup. **Automatically adjust clock for daylight savings time.**
- 5) Click **Apply.**
- 6) Click the **Date & Time** tab
- 7) Set the time and date.
- 8) Click **OK** to save the time settings.

Installing the U-Scan Software

Note: Due to PCI requirements, the GMM5 version of USCAN has put an emphasis on Security. The Robot User Password has changed as well as the Administrator ID and Password. The Robot User has limited access. On a new install you should continue installing as the Robot User. On an upgrade when GMM5 has already been installed you **MUST** login as Administrator User. To backup/restore databases the USCAN must be logged in as Administrator User. The dealer/IT department has the ability to change and maintain user's passwords for security. The default ID's and Passwords are as follow:

Robot/Cashier User

ID – Robot

Password – FtX5R0B0!

Administrator User

ID – FTXSService

Password – FtX5Adm!n

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

1) Insert the U-Scan software installation CD into the CD-ROM drive.

2) Double-click **My Computer** on the Windows desktop.

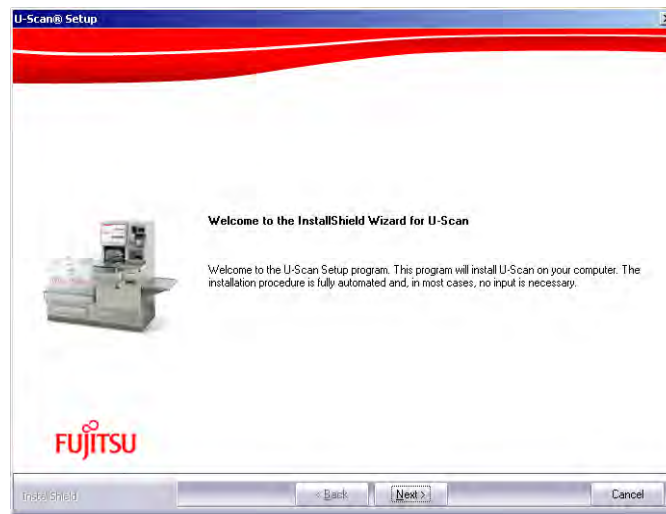
The **My Computer** window appears.

3) Double-click the icon displaying a CD-ROM.

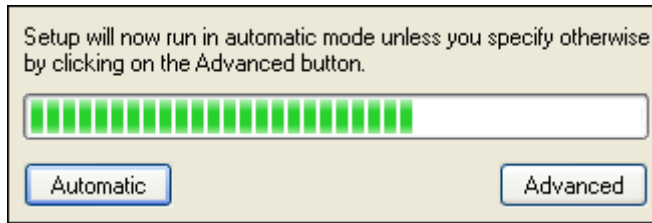
The list of the files on the CD appears.

4) Double-click **Setup.exe**.

5) When the Welcome to the InstallShield wizard for U-Scan screen appears, click **Next**.

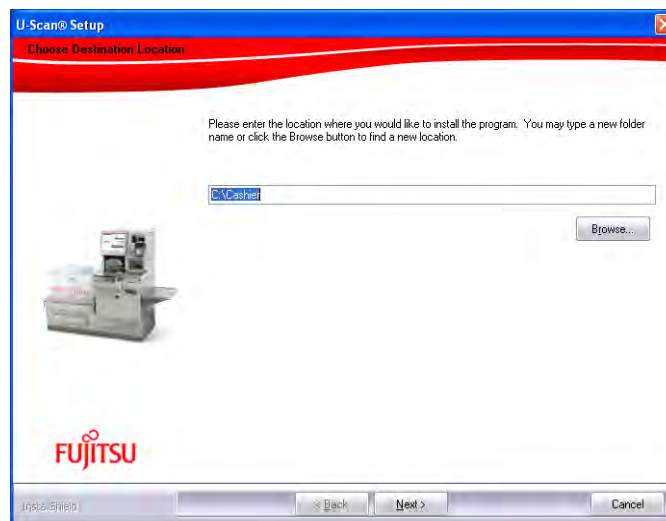


The **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING**. The software installs automatically. Do **NOT** click **Advanced**.

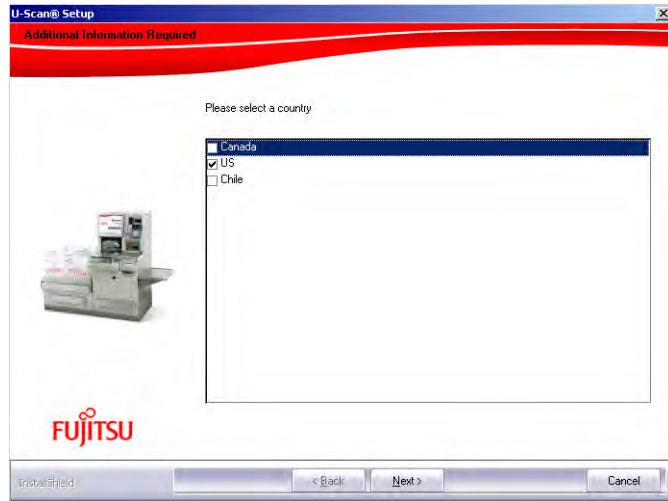


NOTE: The first time the installer is used on the Computer, a series of files are installed. Once the files are installed, the system may automatically restart more than once. **DO NOT REMOVE THE CD OR CLICK ANYTHING WHILE SOFTWARE IS INSTALLING.**

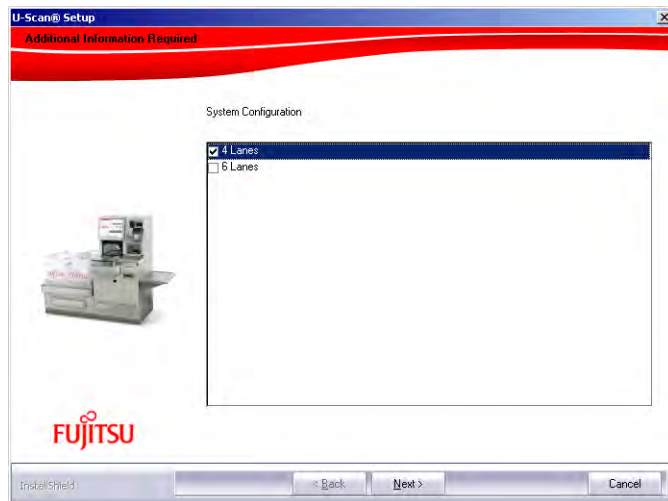
- 6) When the **Choose Destination Location** screen appears, a default destination folder is provided for the program (**C:\Cashier**). Do **NOT** change this destination folder. Click **Next**.



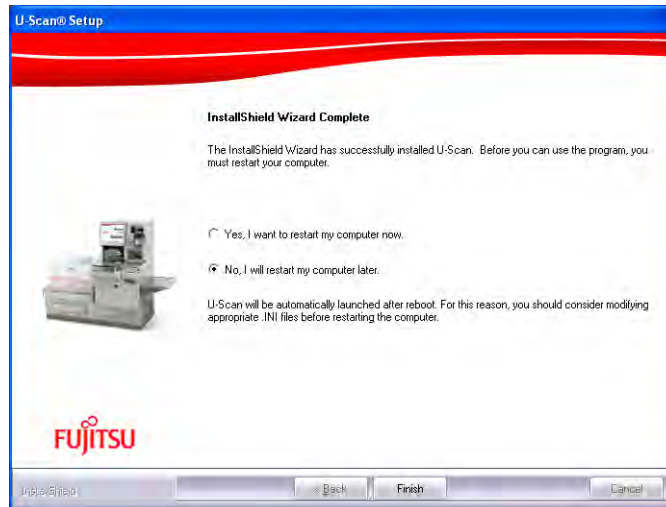
- 7) When the **Additional Information Required** screen appears, select the country and click **Next**.



- 8) When the **Additional Information Required** screen appears, select the system configuration and click **Next**.



- 9) The software installs. When the installation is complete, the **Install Shield Wizard Complete** screen appears.



- 10) Remove the U-SCAN Software Installation CD from the CD-ROM drive. Select **“Yes, I want to restart my computer now”** and click **Finish**.

NOTE: Do NOT change the Computer Name in the System Properties after the software is installed.

Testing the Cashier Station Hardware

- 1) After the restart has finished above, touch the **Manager Button** in the top right of the screen to exit the Attendant monitoring screen.
- 2) Key 01 Done.
- 3) Touch the Exit Button in the list.
- 4) Touch the **YES Button** to the question **Are you sure?**
- 5) Touch **Device Tester**.

The **Password** screen displays.

- 6) Enter **1379** and touch **OK**.

The **Device Tester** window appears.

- 7) In the **Cashier Device Test** window, click the tab for the device you wish to test.

Check that the **DLL** is set to the correct device model.

NOTE: Example lab settings are as listed below in the tables but **may not apply to your particular hardware**. These are just examples and you need to know what hardware you are really working with.

- 8) Follow the steps below if you need to correct the **DLL** settings:
 - a. On the Computer keyboard, press **ALT ***. (The * key is on the number pad.) **Change** becomes enabled.
 - b. Click Change.
 - c. Click the arrow to display the **DLL Location** drop-down menu.
 - d. Select the appropriate **DLL** for the device.

NOTE: If the appropriate DLL is not in the drop-down list, click **Browse**, and then select the correct DLL.

- e. Click Apply.

- 9) Test all the devices.

- 10) Click OK to exit the Device Tester.

**EXAMPLE ONLY for the Ciara All in One Attendant Lab system
(May not apply to your particular hardware setup)**

Device	Name	COM	Baud	Parity	Data Bits	Stop Bits
Speaker	Speaker	N/A	N/A	N/A	N/A	N/A
Printer	NCR_7156	COM3	9600	NONE	8	1
Scanner	SYMBOL_DIRECT	COM4	9600	NONE	7	1

- 11) Touch Exit Launchpad

- 12) Click **Yes** to the question **Stop the Launchpad?**

Customizing the U-Scan Software

- 1) Go to the folder C:\Cashier\Data

2) **NOTE:** This step only applies if you are using Mobile Attendant
Double Click on DC_Mobile_Attendant_ON.REG

3) Exit the window

Configuring the Cashier Configuration

1) Double click the **U-Scan folder** on the desktop.

2) Double click the **Cashier Config** icon

3) Click the **Robots tab**

4) Select the Number of Customer Stations

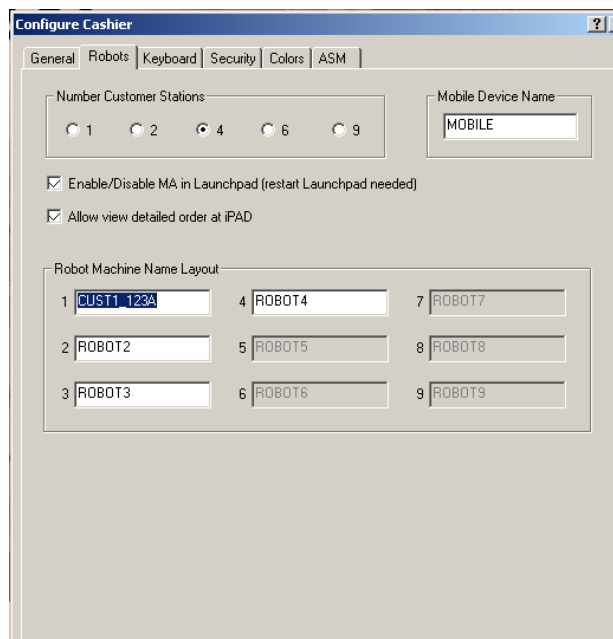
5) Leave the Mobile Device Name as MOBILE

6) **Note:** This step is only done if using Mobile Attendant

Click **both the Enable/Disable MA in Launchpad** and click **Allow view detailed order at iPad**.

7) Key in the Robot Machine Name Layout.

8) Click Ok



9) Restart the Computer

Mobile Attendant Installation

NOTE: This applies if you are using Mobile Attendant with the Attendant station. The iPad will be installed from the Attendant Station in this configuration.

NOTE: If you are using the Honeywell Dolphin 9700 and not the iPad refer to the Tech Bulletin for the Honeywell Dolphin 9700 posted on the StoreNext website.

- 1) Use the existing MA installation document but make the below reference changes
 - Key in the Attendant Station name. Example: CASH_123A
 - The install will be at the [\\CASH_123A\IPAD\Install](#) folder.
- 2) Set the Host Name or IP address on Mobile Attendant when the iPad is first powered on
 - The MACE screen should be showing with a default address of 192.168.0.5 when Mobile Attendant is first powered on.
 - Press and hold SFT and then press / so you can edit the field with the correct address of your Attendant Station.
 - Highlight the Host Name/IP address box and key in the IP Address of your Attendant Station
 - Click on connect
 - The select Lane screen should now be showing on Mobile Attendant.
 - **The lanes will not show on this screen until you complete the Customer Station installation under Customer Station Setup With Attendant Station** then you can click one of the lanes and you will enter the new detailed order screen.

MASTER CUSTOMER STATION

Prerequisites

Gathering the Software Information

Ensure You Have the Correct Imaging CD

- 89000539 (P4I-CiarWE06) image for the Ciara All-in-One and PC.
- 89000540 (P4I-TP2KWE06) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000541 (P4I TP3KWE06) image for the TeamPoS 3000 XL
- 89000633 (P4I TP36PR01) image for the TeamPoS 3600

Ensure You Have the Correct Customization CD

- 89000542 (P4C-216-15)

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

Gathering the Hardware Information

NOTE:

The below is based on the knowledge that you gained from attending the U-Scan hardware course and not from this document.

Type of U-Scan lane (NextGen, Genesis)

Type of lane configuration (Platform, Carousel or Belted)

Type of controller (Ciara, TP2000 or TP3000 XL)

Whether you are going to use a Mobile Attendant

Configurations (With Attendant, No Attendant, Master Customer Station and Customer Stations)

Type of Monitor and touch used (MicroTouch, EloTouch, RS232 or USB connected touch)

Setting up the BIOS

CIARA PENTIUM 4

This task is only needed if you are imaging a **new** computer. Only change the settings mentioned in these steps. All other settings are to remain as default.

How to Enter the BIOS

- 1) Reboot the computer by pressing on the **Power** button.
- 2) While the Computer is starting, press **F2** or **DELETE** to enter the BIOS.

The **BIOS Setup Utility** main menu appears.

Setting Up the PCI Configuration

- 1) Use the right arrow to select the **Advanced** option from the menu bar at the top of the screen.

The **Advanced** menu options appear. The **PCI Configuration** submenu is highlighted.

- 2) Press **ENTER** to select the **PCI Configuration** submenu.

The **PCI Configuration** options appear.

- 3) Use the down arrow key to select **PCI Slot 1 IRQ Priority**, then press **ENTER**.

The list of possible **IRQ priorities** appears.

- 4) From the list of possible IRQ priorities, select **Auto**, then press **ENTER**.
- 5) Select **PCI Slot 2 IRQ Priority [AUTO]** & press **ENTER**.

The list of possible **IRQ priorities** appears.

- 6) **Auto** is selected, press **ENTER**.

The **PCI Configuration** menu appears.

- 7) Select **PCI SLOT 3 IRQ Priority [AUTO]** & press **ENTER**
- 8) **Auto** is selected, press **ENTER**.
- 9) Press **ESC** to return to the **Advanced** menu.

Set Up the Boot Configuration

- 1) From the **Advanced** menu, use the down arrow to select the **Boot Configuration** submenu.
- 2) Press **ENTER**.

The **Boot Configuration** options appear.

- 3) Verify that the following settings are correct:
Plug & Play O/S: **No**

Reset Config Data: **No**

Numlock: **On**

- 4) Press **ESC** to return to the **Advanced** menu.

Set Up the Peripheral Configuration

- 1) From the **Advanced** menu, use the down arrow to select the **Peripheral Configuration** submenu.
- 2) Press **ENTER**.

The **Peripheral Configuration** options appear.

- 3) Verify that the following settings are correct:

Serial Port A: **Enabled**

Base I/O Address: **3F8**

Interrupt: **IRQ 4**

Serial Port B: **Enabled**

Mode: **Normal**

Base I/O Address: **2F8**

Interrupt: **IRQ 3**

Parallel Port: **Enabled**

Mode: **ECP**

Base I/O Address: **378**

Interrupt: **IRQ 7**

DMA: **1**

IRQ 10: **Disabled**

IRQ 11: **Enabled**

Audio Device: **Enabled**

LAN Device: **Enabled**

Legacy USB Support: **Disabled**

4) Press **ESC** to return to the **Advanced** menu.

Set Up the IDE Configuration

1) From the **Advanced** menu, select **the IDE Configuration** submenu.

2) Press **Enter**.

The **IDE Configuration** menu options appear.

3) Verify the following settings:

IDE Controller: **Both**

PCI IDE Bus Master: **Enabled**

Hard Disk Pre-Delay: **Disabled**

4) Press **ESC** to return to the **Advanced** menu.

Set Up the Diskette Configuration

1) From the **Advanced** menu, select **Diskette Configuration**.

- 2) Press **ENTER**.
- 3) Verify the following settings:
Diskette Controller: **Enabled**
Floppy A: **1.44/1.25 MB 3 1/2**.
Diskette Write Protect: **Disabled**
- 4) Press **ESC**.

Set Up the Power Management Features

- 1) Use the right arrow to select the **Power** menu from the menu bar at the top of the screen.
- 2) Select **APM**.
- 3) Press **ENTER**.
- 4) Set Power Management to **Disabled**.
- 5) Press **ESC** to return to the **Power** menu.
- 6) Use the down arrow to select **ACPI**.
- 7) Press **ENTER**.
- 8) Verify the following settings:
ACPI Suspend State: **S1 State**
Wake on LAN From S5: **Stay Off**
Disable USB S3 Resume: **Disabled**
- 9) Press **ESC** to return to the **Power** menu.
- 10) Verify the following settings:
After Power Failure: **Stay Off**
Wake on LAN: **Stay Off**
Wake on PME: **Stay Off**

Wake on Modem Ring: **Stay Off**

Set Up the Boot Menu

- 1) Use the right arrow to select the **Boot** menu from the menu bar at the top of the screen.

The **Boot** menu options appear.

- 2) Verify the following settings:

Quiet Boot: **Disable**

Intel Rapid BIOS Boot: **Enabled**

Scan User Flash Area: **Disabled**

Use the down arrow to select the **Boot Device Priority** submenu.

- 3) Press **ENTER**.

- 4) Verify the following settings:

1st Boot Device: **ATAPI CD-ROM**

2nd Boot Device: **Hard drive**

3rd Boot Device: **Removable DEV**

4th Boot Device: **Disabled**

Press **ESC**.

Exit the BIOS

- 1) Use the right arrow to select **Exit** from the menu bar at the top of the screen.

The **Exit** menu appears. **Exit Saving Changes** is highlighted.

- 2) Press **ENTER** to select **Exit Saving Changes**.

The message **Save configuration changes and exit now?** Appears.

- 3) Press **ENTER** to select **Yes**.

The computer restarts.

TeamPoS 2000

You only need to perform this task if you are imaging a **new** Computer. Continue with the next task if you are re-imaging an existing Computer. **Only change the settings mentioned in these steps.** Leave all other settings unchanged.

How to Enter the BIOS

- 1) Press the **Power** button to restart the Computer.
- 2) While the Computer is starting, press **DELETE** to enter the BIOS when the message **PRESS DEL TO ENTER SETUP** displays.

You are prompted to enter a password.

- 3) Press **ENTER** to continue.

The **BIOS Setup** screen appears.

Set Up the Time and Date

- 1) Use the right arrow to select the **Main** option from the menu bar at the top of the screen.

The **Main** menu options appear.

- 2) Use the arrow keys to select **System Time**.
- 3) Use the **TAB** and **+** or **-** keys as required to set the time.
- 4) Use the arrow keys to select **System Date**.
- 5) Use the **TAB** and **+** or **-** keys as required to set the date.

Set Up the Optimal Defaults

- 1) Use the right arrow to select the **Exit** option from the menu bar at the top of the screen.

The **Exit** menu options appear.

- 2) Use the arrow keys to select **Load Optimal Defaults**.

- 3) Press **ENTER**.

The message **Load Optimal Defaults?** appears.

- 4) Select **Ok** Press **ENTER**.

Set Up the Boot Menu

- 1) Use the right arrow to select the **Boot** menu from the menu bar at the top of the screen.

The **Boot** menu options appear.

- 2) Use the arrow keys to select **Boot Group Priority**.

- 3) Press **ENTER**.

The **Boot group priority** screen appears.

- 4) Use the up/down arrows to select the **1st Boot Device** submenu.

- 5) Press **ENTER**.

- 6) Select **CD-ROM:** and press **ENTER**.

- 7) Press **ESC** to return to main **Boot** menu.

Save the Changes and Exit the BIOS

- 1) Use the right arrow to select **Exit** from the menu bar at the top of the screen.

The **Exit** menu appears. **Exit Saving Changes** is highlighted.

- 2) Press **ENTER** to select **Exit Saving Changes**.

The message **Save configuration changes and exit setup?** appears.

- 3) Select **Ok** and Press **ENTER**.

The computer restarts.

TeamPos 3000 XL

You only need to perform this task if you are imaging a **new** Computer. Continue with the next task if you are re-imaging an existing Computer. **Only change the settings mentioned in these steps.** Leave all other settings unchanged.

How to Enter the BIOS

- 1) Press the **Power** button to restart the Computer.
- 2) While the Computer is starting, press **F2** to enter the BIOS when the message **PRESS F2 TO ENTER SETUP** displays.

Set Up the Time and Date

- 1) Select Standard CMOS Features.
- 2) Set the date and time on this screen.
- 3) Hit **ESC** to return to the main screen

Set Up the Optimized Defaults

- 1) From the Main screen select Load Optimized Defaults
- 2) Press the **Y** key and then Enter

Set Up the Boot Menu

- 1) From the Main screen select Advanced BIOS Features
- 2) Arrow down to the First Boot Device.
- 3) Press **ENTER**.
- 4) Select **CDROM:** and press **ENTER**.
- 5) Press **ESC** to return to the Main menu

Save the Changes and Exit the BIOS

- 1) On the Main menu select Save and Exit and hit the Enter key
- 2) Hit **Y** and press **ENTER** to save to CMOS and exit.

The computer restarts.

TeamPos 3600

You only need to perform this task if you are imaging a **new** Computer. Continue with the next task if you are re-imaging an existing Computer. **Only change the settings mentioned in these steps.** Leave all other settings unchanged.

How to Enter the BIOS

- 1) Press the **Power** button to restart the Computer.
- 2) While the Computer is starting, press **DEL** to enter the BIOS when the message **PRESS DEL TO ENTER SETUP** displays.

Set Up the Time and Date

- 1) Select Standard CMOS Features.
- 2) Set the date and time on this screen.
- 3) Hit **ESC** to return to the main screen

Set Up the Optimized Defaults

- 1) From the Main screen select Load Optimized Defaults
- 2) Press the **Y** key and then Enter

Set Up the Boot Menu

- 1) From the Main screen select Advanced BIOS Features
- 2) Arrow down to the First Boot Device.
- 3) Press **ENTER**.
- 4) Select **P2-DW-224S-V:** and press **ENTER**.
- 5) Press **ESC** to return to the Main menu

Save the Changes and Exit the BIOS

- 1) On the Main menu select Save and Exit and hit the Enter key
- 2) Hit **Y** and press ENTER to save to CMOS and exit.

The computer restarts

Installing the image for the Ciara, Team PoS 2000, TeamPoS 3000

Ensure You Have the Correct Imaging CD

- 89000539 (P4I-CiarWE06) image for the Ciara All-in-One and PC.
- 89000540 (P4I-TP2KWE06) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000541 (P4I TP3KWE06) image for the TeamPoS 3000 XL

Follow the steps below to install the image on the PC.

- 1) Insert the **Image CD** into the CD-ROM drive.
- 2) Restart the Computer by pressing the **Power** button.
- 3) Wait until the Computer restarts.

A **DOS** menu appears.

- 4) Use the arrow keys to highlight **Install New Image**.
- 5) Press **ENTER**.

The message **Proceed with imaging [Y, N]?** appears.

- 6) Enter **Y** for yes.

Ghost launches and the image is installed. When the installation is complete, the system prompts you to restart the Computer.

- 7) Remove the **Image CD** from the CD-ROM drive.
- 8) Press **CTRL+ALT+DEL** to restart the Computer.

Windows starts. At the Press any key to continue prompt, remove the CD-ROM press any key to continue.

The system can take from **one to two** minutes before it discovers the hardware.

9) The Wizard installs all drivers automatically, and the message **Do you want to restart your computer now?** appears.

10) Click **Yes**.

The Computer restarts.

Installing the image for TeamPoS 3600

Ensure You Have the Correct Imaging CD

- 89000633 (P4I TP36PR01) image for the TeamPoS 3600

Follow the steps below to install the image on the PC.

- 1) Insert the **Image CD** into the CD-ROM drive.
- 2) Restart the Computer by pressing the **Power** button.
- 3) Wait until the Computer restarts.
- 4) System will boot to a prompt "**Press any Key to boot from CD or DVD...**"
- 5) Press **ENTER**.

Windows is loading files... will appear followed by a DOS box. Do not do anything.

- 6) Team PoS3600 Image Transfer box will appear with the following message:

Image will be restored to Drive #1. All data on Drive #1 will be destroyed and the system rebooted. Press OK to proceed or Cancel to Exit.

Press **OK**.

Ghost launches and the image is installed. When the installation is complete, the system prompts you to reboot the Computer.

- 7) Team PoS3600 Image Transfer box will appear with the following message:

Image restored successfully to Drive #1. Press OK to reboot or Cancel to Exit.

Press **OK**

- 8) Remove the **Image CD** from the CD-ROM drive.

Windows starts.

The system can take from one to two minutes before it discovers the hardware.

- 9) The Found New Hardware Wizard appears. Select *Install the software Automatically (Recommended)*.
- 10) Press **Next**
- 11) Press **Finish**
- 12) Press **CTRL ALT DEL** to reboot.

The Computer restarts

Customizing the Image

Ensure You Have the Correct Customization CD

- 89000542 (P4C-216-15)

Follow the steps below to install the CustomizationCD.

- 1) When the computer restarts wait until, the message **Please insert Customization CD** appears. Proceed to insert it now.

Note: The message can take up to a minute before it appears

- 2) Click **OK**.

Note: If the **U-Scan Image Configuration** screen does not appear after you restart the computer, go to **D:\installpackages** and double-click on **ImageCus.exe**.

- 3) When the Access Code screen appears, enter the password **(1223)** and then press **ENTER**.
- 4) In the **Customer field**, select **StoreNext** from the drop-down list.
- 5) In the **StationType** field, select the appropriate station type (**Customer**) from the dropdown list.
- 6) In the **Selectable/device/software list**, click **Select screen resolution**.

- 7) In the **Device/Software model** field select **High resolution for Robot [IEMM] 1024x768**
- 8) In the **Selectable/device/software list**, click **Select Touch Screen**.
- 9) Select **Elo Touchscreen** (RS232 or USB) for **resistive** monitors or select **MicroTouch Capacitive Touch screen** (RS232 or USB)

NOTE: This is based on the Hardware ordered for the store and your knowledge from attending the U-SCAN hardware course.

10) Click **OK**.

The **Confirm Selection** screen appears.

11) Read the information to ensure that your selections are correct.

12) If you need to change a selection, click **Cancel**, then repeat step 1 to 11.

13) Click **OK** if the system selections are correct.

Note: Do not click anything while the image customization process is in progress.

Configure the Station

- 1) When the **Configure Station** confirmation screen appears, click **Yes**.
- 2) Select the **System Information** tab.
- 3) Select **StoreNext** from the drop-down list.
- 4) Click **Apply**.

The message **Store and Network configuration will be changed. Are you sure you want to continue?** appears.

- 5) Click **Yes**.
- 6) Select the **Store Configuration** tab.
- 7) Under **store number**, enter the store number. (Example: 123).
- 8) Under **cluster ID**, enter **"A"** for cluster 1 or **"B"** for cluster 2.

9) Under **station ID**, select **Robot 1** (This is used for the **Master Customer Station**).

10) Verify the computer name. Refer to the example below:

Assume that the **store number** is “123”, the **cluster ID** is “A” and the **station ID** is **Robot 1**. The computer name as per standard naming convention should be:

CUST1_123A

Note: Do NOT uncheck the **Generate a computer name using OPMR Rules** box and assign the Attendant computer a name that deviates from the standard naming convention as defined above.

11) Select the **Network Configuration** tab.

12) Enable **IP forwarding** on every network card should be unchecked.

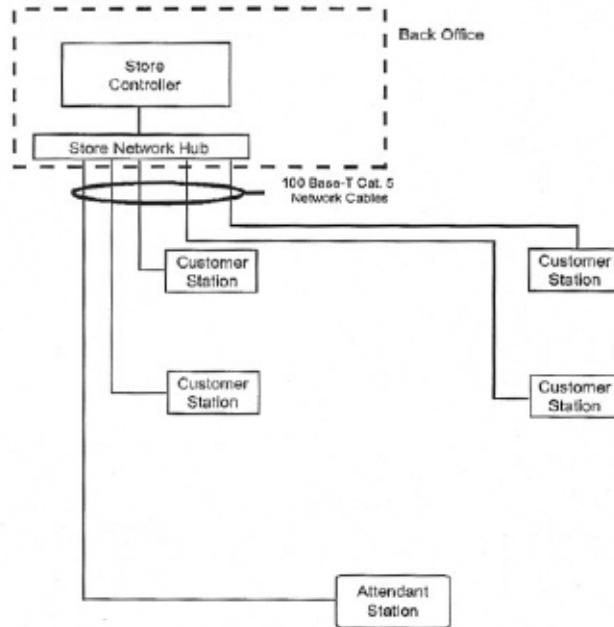
13) Verify that the **IP setting** is configured to Your IP Address for the LAN you are connecting to. (Example: **192.168.0.1**)

NOTE: You can now use 1 or 2 Network cards depending on your LAN configuration.

For a single Network card configuration, put in the IPAddress of the POS # like a normal ScanMaster installation.

For two LAN cards, put in the address of the U-SCAN LAN for the one address and the IPAddress of the POS # like a normal ScanMaster installation on the other card

Some stores connect each Station directly to the Store Network and eliminate the separate U-Scan Network. In this case, each Customer Station has only one network card, and there is no Network Hub at the Attendant Station.



Regular U-Scan self-checkout system cable connections - no U-Scan LAN

14) Click **OK**.

The PC will reboot in about 15 to 20 seconds. DO NOT REMOVE THE CUSTOMIZATION CD. The system configuration process continues.

NOTE: The system prompts you to calibrate the touchscreen. Follow the on-screen instructions to calibrate the touchscreen.

15) The message **Base Image configuration complete. You are now ready to install U-Scan software. Please insert the auto-run CD in the drive now!** appears.

16) Click, **OK**

Note: DO NOT put in any CD at this point.

17) Proceed to close the window and remove the **Customization CD**.

Adjust the Time Zone and Time

1) Double-click the time on the taskbar.

- 2) Click **Time Zone** tab.
- 3) Set the time zone.
- 4) Set to match store setup. **Automatically adjust clock for daylight savings time.**
- 5) Click **Apply**.
- 6) Click the **Date & Time** tab
- 7) Set the time and date.
- 8) Click **OK** to save the time settings.

Installing StoreNext ScanMaster Software

Follow the steps below prior to installing the StoreNext ScanMaster Software

Pervasive Installation

Installing Pervasive Workstation Engine

This installation assumes you have a CD-ROM Drive in the U-Scan lane. If you do not, you can run the installation over the network using the server's CD ROM Drive.

1. At the U-Scan, insert the CD labeled v8.6/v9.5 /v10.x Workgroup Engine into the CD-ROM drive.

Note: If the Autorun program starts, select "Launch PSQL V.x Workgroup Install." For v10.x select Workgroup Edition (32 bit) and skip to step 10.

2. Press the Start key on the keyboard.
3. Press **<R>** for Run.
4. Press **<ALT>** for Browse.

5. Press **<ALT><I>** for Look In.
6. Press the Arrow Down key and highlight the CD-ROM drive on the server and press **Enter**.
7. Press the Tab key until the Workgroup folder on the CD is highlighted.
8. Press the Arrow Down key, highlight **Setup** and press **Enter**.
Note: For v10.x, double-click on SetupWorkgroupx486 in the workgroup folder.
9. Press **Enter** for **OK** to run Setup installation wizard.
The Welcome screen appears.
10. Press **Enter** for **Next**.
The Software License Agreement Displays.
11. Read the agreement and click "I accept...." Or press **<Alt><A>** then press **Enter** for Next.
Note: You may also use the up and down arrow keys.
12. If prompted select "Run as application" and click **Next**.
The Setup Type Screen Displays.
13. Accept **Complete** and press **Enter** for **Next**.
The Verification Window displays.
14. Review the information and press **Enter** for **Install**.
Note: If prompted with "JRE not found," select **YES**.
After Setup has completed copying files and starting services, the Setup Complete window displays.

15. If prompted, Press **Enter** for **Finish**.

The HTML help window may display with links to the Pervasive web site. After closing this window, the Transactional Engine Test screen appears (within a few seconds).

For v10.x- After HTML help window displays. The JAVA™ 6 Update 5 will start to install. Click OK after prompted that the installation was successful. If a Message appears to Restart, select YES to Restart system. Since Pervasive v10.x does not automatically run the System Analyzer this should be done to verify connection. Launch Pervasive System Analyzer from Programs menu. The Welcome to SystemAnalyzer Wizard displays. Click Next. The System Analyzer Options displays. Click Test Active Installation and click Next. Target Network Communication displays. Type Target Machine name of Server and click Next. Upon Successful Network communication message click Next. Test Transactional Engine displays. Click Next. Verify test was successful and click Next. Test Relational Engine displays click Next. Verify Test was successful and click Next and Finish. If these test were not successful this MUST be resolved before installing ScanMaster otherwise Pervasive v10.x is now installed and operational. Skip to step 21.

16. Press **Enter** for **Next**.
The Test Results will appear.
17. Press **Enter** for **Next**.
The Relational Engine Test Screen appears.
18. Press **Enter** for **Next**.

The Test Results will appear.

19. Press **Enter** for **Next**.

The Pervasive SQL9 SP2 Workgroup for Windows screen will display.

20. Press **Enter** for **Finish**.

Remove the Pervasive CD.

21. Click the **X** in the upper right hand corner to close out the HTML Help Window.

22. If Pervasive is being reinstalled or upgraded after ScanMaster is already installed, it will be necessary to manually run either **C:\Grocery\V8Wrkstn.Reg** (if installing V8), **C:\Grocery\V9Wrkstn.Reg** (if installing V9) or **C:\Grocery\V10Wrkstn.Reg** (if installing V10). To do this, explore to <Def Drive>:\Grocery and double click on either V8Wrkstn.reg, V9Wrkstn.reg or V10Wrkstn.reg.

23. Reboot the PC.

OPOS Installation

Installation Preparation

For the Ciara, TeamPoS2000 and TeamPoS3000

Note: Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.08.XX Install CD to the hard drive of your workstation. (You should have previously mapped a drive to the server's CD-ROM drive – typically G:). Be sure to turn off Read-only on folder after you copy files. Select Properties on \Drivers folder and uncheck Read-only box and apply, then select option to “apply change to this folder, subfolders and files” option and click OK, click OK again.

For the TeamPoS3600

Note: The OPOS Drivers are delivered on the 3600 system. They are stored in the C:\TeamPoS36xx_Software_Support\OPOS directory. These are the drivers needed for the TeamPoS 3600. The Common Control drivers are OPOSCCOs-1_12_000.exe. The Fujitsu OPOS is FjOPOS_1_10_6.exe.

OPOS Common Control (RCS)

1. Using Windows Explorer, browse to the DRIVERS\
TeamPoS3000_Software_Support\Drivers\OPOS\ Common Controls
folder on the workstation.

2. Using Windows Explorer double-click on OposCCOs-1_10_000 file located in
the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\Common
Controls folder.

The Welcome window displays.

3. Click Next.

The Readme File window displays

4. Click NEXT.

The Choose Destination Location window displays.

5. Accept Default Folder and Click NEXT.

The Backup Replaced OPOS CCO Files window displays.

6. Verify that Yes is selected. Accept Default Backup Folder and Click NEXT.

The Select OPOS CCO Components window displays.

7. Verify that Both “Common Control Objects” and “OPOS Include Files” are
selected. Click NEXT.

The Start Installation window displays.

8. Click NEXT.

The Installation Complete window displays.

9. Click FINISH.

FTXS OPOS (Fujitsu)

1. Using Windows Explorer, browse to the DRIVERS\
TeamPoS3000_Software_Support\Drivers\OPOS\FTXSOPPOS folder
on the workstation.

2. Using Windows Explorer double-click on FTXSOPPOS_1_10_1 file located in
the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\FTXSOPPOS
folder.

The Welcome window displays.

3. Click Next.

The License Agreement window displays

4. Accept the agreement and click NEXT.

The Setup Type window displays

5. Select the Platform Type that you are installing to.

Note: Select TeamPoS 3000 for Models XL and XE.
Select TeamPoS 2000 for Models M and S units.

6. Click NEXT.

The Select Components window displays.

7. Select (click) the following PoS devices to install, regardless of actual hardware configuration:

- LineDisplay1_VF60(USB)
- D22_25 MSR, Lock
- *****CashDrawer (TeamPoS 2000) *****(TeamPoS 3000) *Depending on Platform Type*
- Keylock 133PQ
- LineDisplay1_VF40_VF50 (Serial)
- MSR 133PQ
- POSKeyboard_133PQ
- Scanner_SS1200
- ScannerScale_Symphony_9950
- ToneIndicator 133PQ

8. Click Next.

If TeamPos 3000, Skip to step 11.

The Select I/O Board Type & Base Address window displays.

9. Select "No I/O Board or no port setup required".

10. Click NEXT.

The Select OPOS Device Registry Settings Option window displays.

11. Select "Customize Each Device Port Settings".

12. Click NEXT.

The Current Settings window displays. Verify Settings.

13. Click NEXT.

The Installation window displays.

14. Click INSTALL.

The Devices Logical Name window displays.

15. Click NEXT. (D22_D25_MSR).

16. Click NEXT. (D22_D25_KLK).

17. Click NEXT. (VF60-1).

18. Click NEXT. (FjMCPCD1) TeamPoS 2000, (TP3K_CD1) TeamPoS 3000.
Would you like to change secondary cash drawer settings question displays.
19. Click NO.
20. Click NEXT. (fjkbds)
21. Click NEXT. (fjklks)
22. Click NEXT. (fjmsrso)
23. Click NEXT. (FJPosKBTone)
24. Click NEXT. (SlimScan1200)
25. Click NEXT. (Fujitsu7521E_S)
26. Click NEXT. (Fujitsu7521E_S_Scale)
27. Click NEXT. (fjvfdso)

The InstallShield Wizard Complete window displays.

28. Click FINISH.

Install ScanMaster U-Scan Software

1. Insert ScanMaster CD into the ScanMaster Server and from U-SCAN\U-scanToServer folder run Setup.exe. This will create F:\USCAN\Install folder.
2. From U-Scan Lane, Map F: Drive.
3. Run Setup.exe from F:\USCAN\Install\Setup.exe
4. If the appropriate version of .NET and MSI is not currently installed system will prompt that it is installing these components. Press **OK** otherwise skip to Step 13.
5. Select **NEXT**.
6. Select "I Agree" and press **NEXT**.
7. Place check mark in box "Do not restart now," and press FINISH. U-Scan will reboot at this point.
8. Run **setup.exe** from f:\Uscan\Install. If prompted press OK.
9. Press **NEXT** to continue.
10. Accept agreement and select **INSTALL**.
11. Select **FINISH**.

The Installation Wizard Welcome window displays.

12. Click **NEXT**.
13. Setup Type Screen displays, Click **NEXT**.
14. The Register Number screen displays. Enter Register Number and click **NEXT**.
15. Start Copying Files screen displays, Click **NEXT**.
16. ScanMaster USCAN Install Utility screen displays. Press **OK**.
17. Select appropriate options under Payment/Loyalty System Tab and click **SAVE**. The U-Scan will reboot.

Note: Remember if using MTX to setup and configure prior to running U-Scan. Setup is the same as it is on a regular POS lane.

Note: To change default values for the automatic cashier login #111 browse to C:\grocery\fldev.ini and make the appropriate changes under the [U-Scan] section.

Installing the U-Scan Software

Note: Due to PCI requirements, the GMM5 version of USCAN has put an emphasis on Security. The Robot User Password has changed as well as the Administrator ID and Password. The Robot User has limited access. On a new install you should continue installing as the Robot User. On an upgrade when GMM5 has already been installed you **MUST** login as Administrator User. To backup/restore databases the USCAN must be logged in as Administrator User. The dealer/IT department has the ability to change and maintain user's passwords for security. The default ID's and Passwords are as follow:

Robot/Cashier User

ID – Robot

Password – FtX5R0B0!

Administrator User

ID – FTXSService

Password – FtX5Adm!n

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

- 1) Insert the U-Scan software installation CD into the CD-ROM drive.
- 2) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

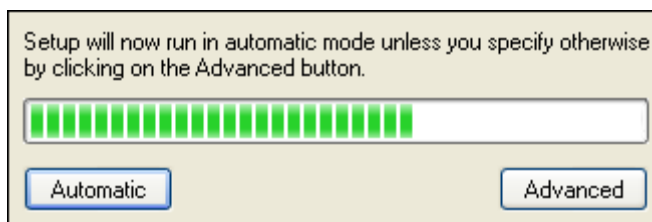
- 3) Double-click the icon displaying a CD-ROM.

The list of the files on the CD appears.

- 4) Double-click **Setup.exe**.
- 5) When the Welcome to the InstallShield wizard for U-Scan screen appears, click **Next**.



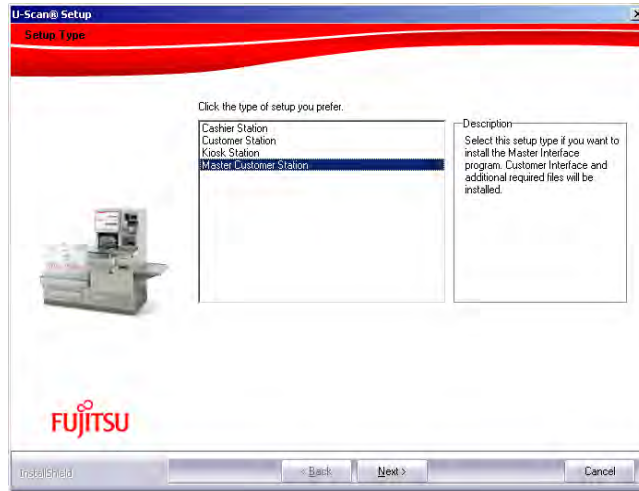
The **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING**. The software installs automatically. Do **NOT** click **Advanced**.



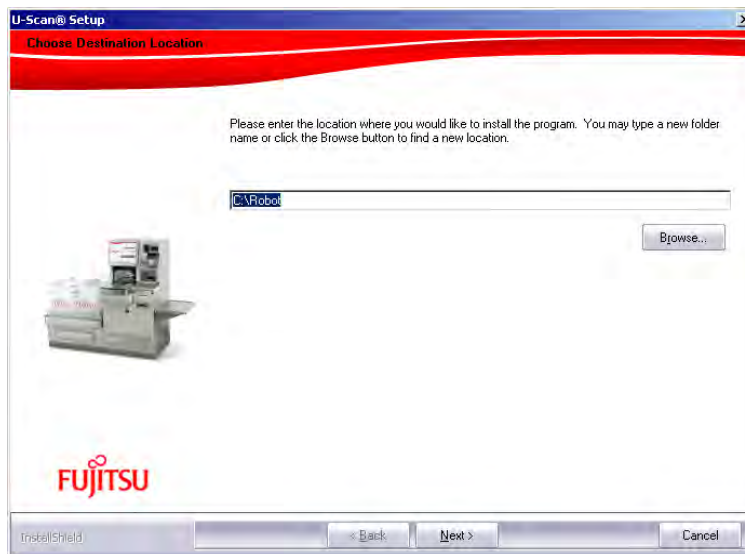
NOTE: The first time the installer is used on the Computer, a series of files are installed. Once the files are installed, the system may automatically

restart more than once. **DO NOT REMOVE THE CD OR CLICK ANYTHING WHILE SOFTWARE IS INSTALLING.**

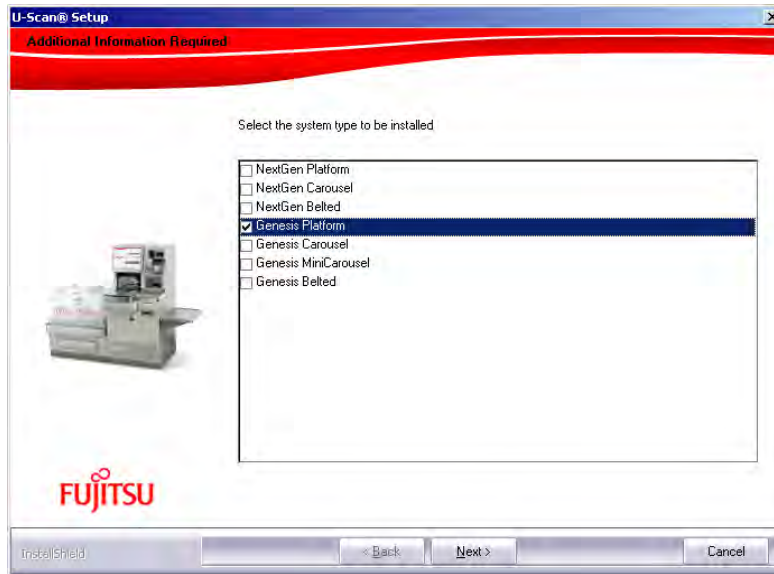
- 6) When the **Setup type** screen appears, select **Master Customer Station** then click **Next**.



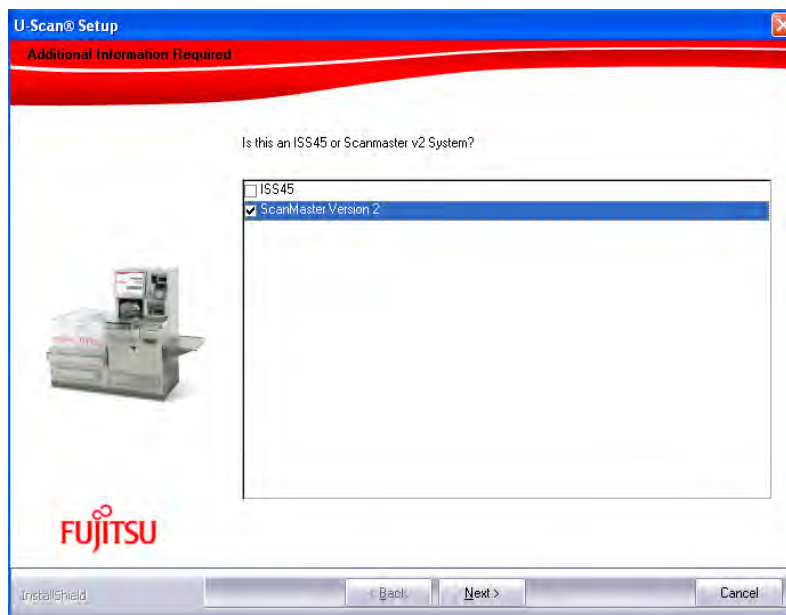
- 7) When the **Choose Destination Location** screen appears. A default destination folder is provided for the program (**C:\Robot**). Do **NOT** change this destination folder. Click **Next**.



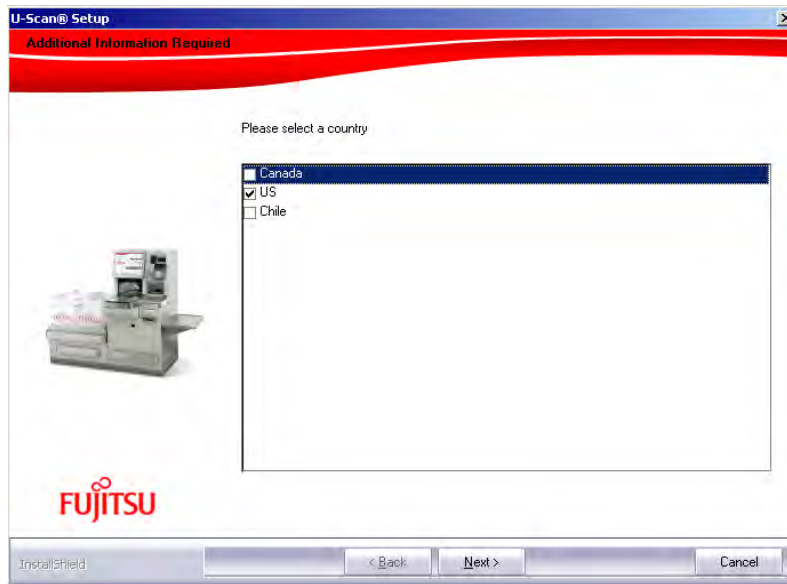
- 8) When the **Additional Information Required** screen appears, select the type of U-SCAN system. **Ex: NextGen Platform**



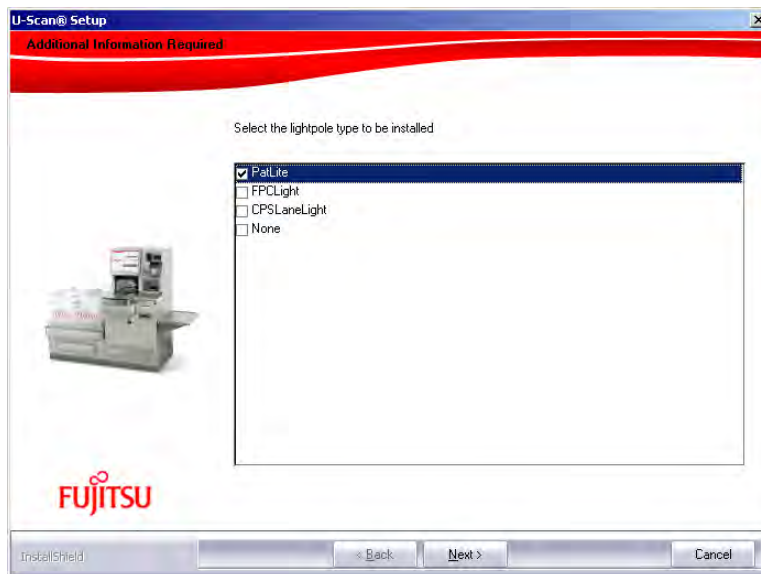
- 9) When the **Additional Information Required** screen appears, select **ScanMaster** and click **Next**.



- 10) When the next **Additional Information Required** screen appears, select **US, Canada or Chile** and click **Next**.



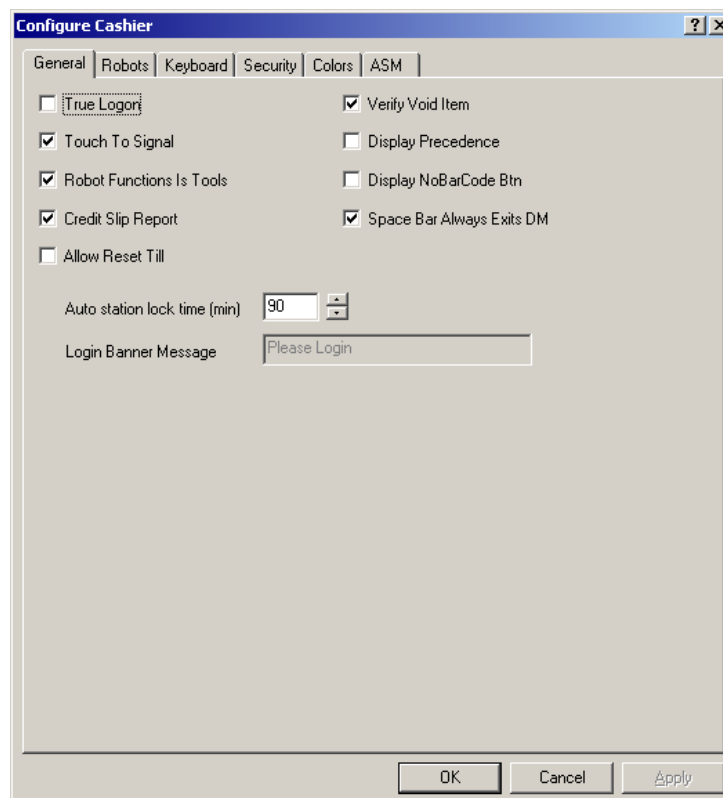
11) When the **Additional Information Required** screen appears, select the **Type of Pole light** and click **Next**.



NOTE: ENTER A PASSWORD OF 1379 (AND PRESS OK) TO CONTINUE TO THE CONFIGURE CASHIER SCREEN.

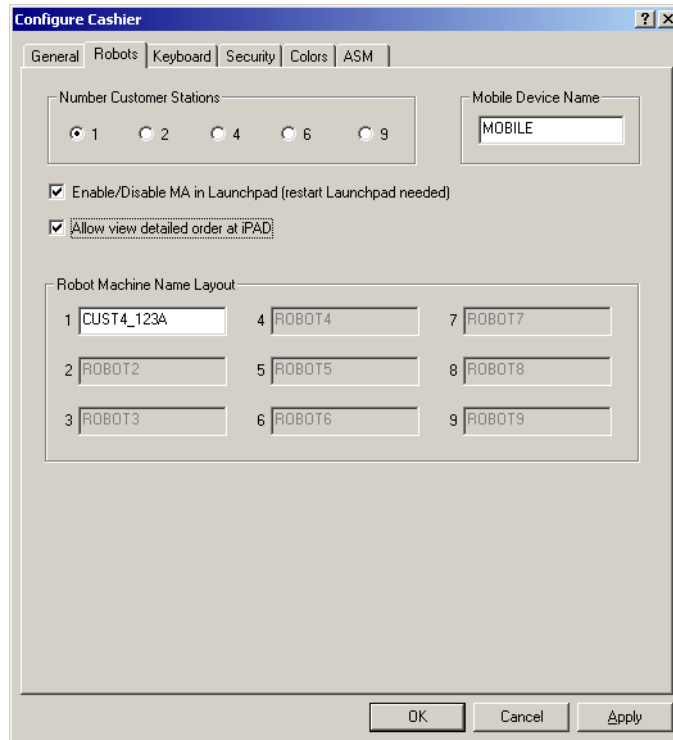


NOTE: ON THE MASTER CUSTOMER STATION YOU WILL GET A SCREEN TO CONFIGURE CASHIER. CONFIRM THE FOLLOWING SELECTIONS ARE MADE ON THE GENERAL TAB: Touch To Signal, Robot Functions Is Tools, Credit Slip Report, Verify Void Item, Space Bar Always Exits DM and Auto Station Lock Time (min) = 90.

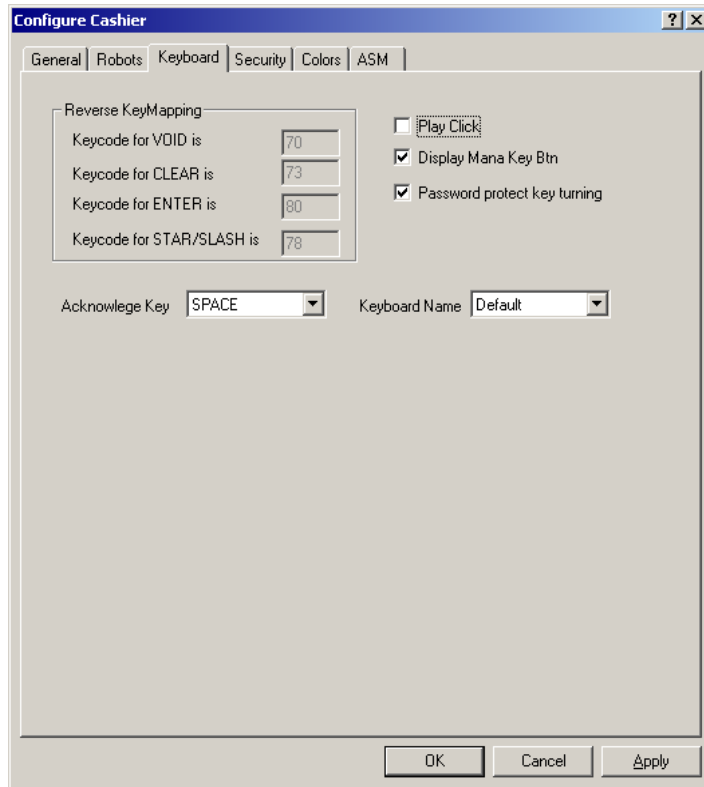


SELECT THE ROBOTS TAB AND CONFIRM THE FOLLOWING SELECTIONS ARE MADE: Number of Customer Stations, Enable/Disable MA in Launchpad and Allow view detailed order at iPad.

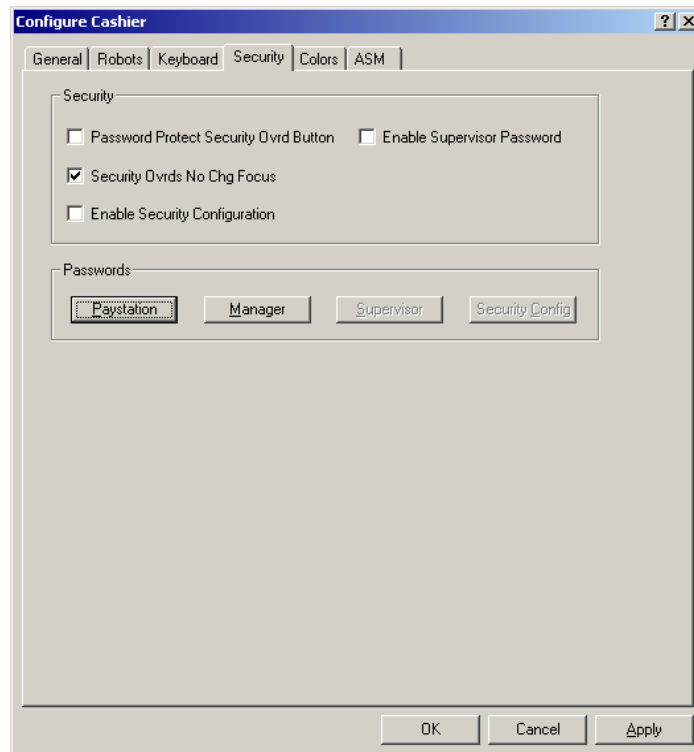
Note: Put in the name of the Robots. Position 1 should have the name of the Master Customer Station. The example in this document is CUST4_123A.



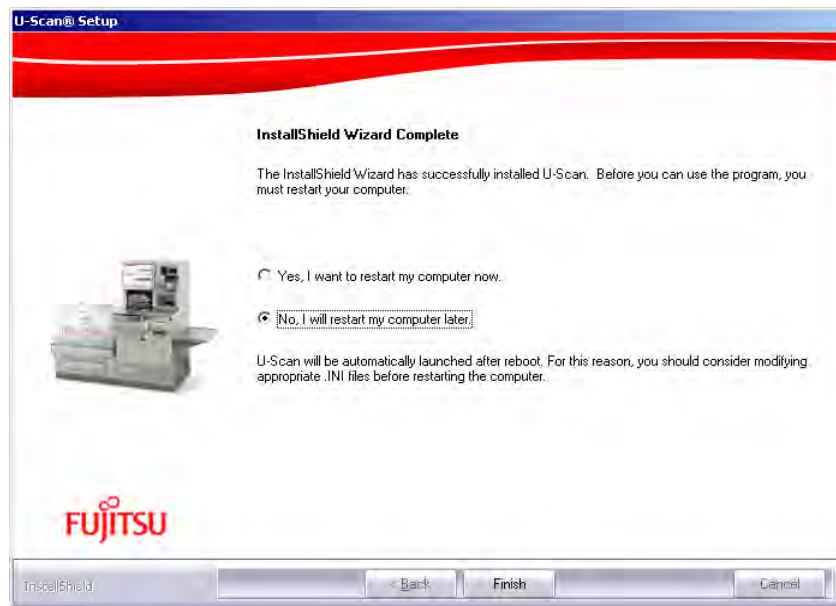
SELECT THE KEYBOARD TAB AND CONFIRM THE FOLLOWING SELECTIONS ARE MADE: Display Mana Key Btn, Password protect key turning, Acknowledge Key = Space and Keyboard Name = Default.



SELECT THE SECURITY TAB AND CONFIRM THE FOLLOWING SELECTION IS MADE: Security Ovrds No Chg Focus

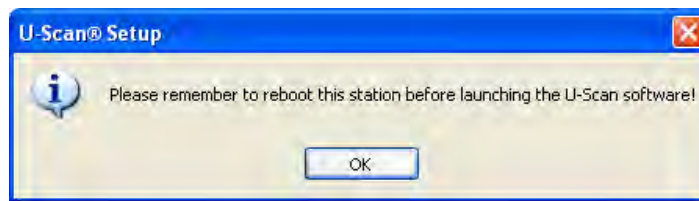


Press **OK**. When the installation is complete, the **Install Shield Wizard Complete** screen appears.



12) Select **“No, I will restart my computer later”**.

13) Click **Finish**. The following message displays:



14) Press **OK**. Remove the U-Scan Software Installation CD from the CD-ROM drive.

15) Restart the Computer

NOTE: Do NOT change the Computer Name in the System Properties after the software is installed.

Customizing the U-Scan Software

1) Close the Launchpad screen by touching **Exit Launchpad** to go to the desktop.

- 2) Go to Folder C:\Robot\Data
- 3) Drop the **logo.bmp** file that the store will be using for the U-Scan printer into this **C:\Robot\Data** folder
- 4) Double Click on **Robot_MobileAttendant_ON.REG.**
Click **Yes** to the Registry editor question.
Click **OK** to the next Registry editor question.
- 5) Click on **DealerConfig.exe**
- 6) Set up the setting that are to be used in the store and then exit the DealerConfig screen

Testing the Customer Station Hardware

NOTE: All devices MUST be configured through Device Tester. Making Device changes directly in the registry is no longer supported.

- 1) Go to **Start > Programs > Startup > Launchpad.**

The **Launchpad** displays.

- 2) Touch **Device Tester.**

The **Password** screen displays.

- 3) Enter **1379** and touch **OK.**

The **Device Tester** window appears.

- 4) In the **Customer Device Test** window, click the tab for the device you wish to test.

Check that the **DLL** is set to the correct device model.

NOTE: Example lab settings are as listed below in the tables but **may not apply to your particular hardware.** These are just examples and you need to know what hardware you are really working with.

- 5) Follow the steps below if you need to correct the **DLL** settings:
 - a. On the Computer keyboard, press **ALT ***. (The * key is on the number pad.) **Change** becomes enabled.

- b. Click Change.
- c. Click the arrow to display the **DLL Location** drop-down menu.
- d. Select the appropriate **DLL** for the device.

NOTE: If the appropriate DLL is not in the drop-down list, click **Browse**, and then select the correct DLL.

- e. Click Apply.

- 6) Test all the devices.
- 7) Click OK to exit the Device Tester.

**EXAMPLE ONLY for TeamPoS3000 U-Scan Genesis Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	F56BD.DLL	COM23	9600	EVEN	8	1
Bill Acceptor	CCMFL.DLL	COM20	9600	NONE	8	1
Coin Dispenser	TRANSACT.DLL	USB	9600	EVEN	7	1
Coin Acceptor	MCSR3.DLL	COM21	9600	NONE	8	1
Scanner Scale	MAGELLAN.DLL	COM2	9600	ODD	7	1
Bag Scale	SCALTRON.DLL	COM22	9600	EVEN	7	1
Printer	PRN7193.DLL	COM33	9600	NONE	8	1
CPN Detector	CPNDETECT.DLL	USB	n/a	n/a	n/a	n/a
Proximity Sensor	FUJITPS.DLL	USB	n/a	n/a	n/a	n/a
Light Pole	PATLITE.DLL	COM19	9600	NONE	8	1
Alarm Board	Alarm_Board.DLL	n/a	n/a	n/a	n/a	n/a

**EXAMPLE ONLY for TeamPoS3600 U-Scan Genesis Lab system
(May not apply to your particular hardware setup)**

Device	Device Model	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	Fujitsu F53 Bill Dispenser	COM5	9600	EVEN	8	1
Bill Acceptor	Cash Code SM Bill Acceptor	COM20	9600	NONE	8	1
Coin Dispenser	Telequip TFlex and Coin X	USB	9600	EVEN	7	1
Coin Acceptor	Microcoin QL3 Coin Acceptor	COM3	9600	NONE	8	1
Scanner Scale	Magellan Scanner Scale	COM2	9600	ODD	7	1
Bag Scale	SCALTRON Bag Scale	COM19	9600	EVEN	7	1
Printer	CT 10 Printer	COM33	9600	NONE	8	1
CPN Detector	Coupon Detector	USB	9600	NONE	8	1
Proximity Sensor	Proximity Sensor	USB	9600	NONE	8	1
Light Pole	PATLITE	COM 4 (Expansion port 2)	9600	NONE	8	1
Alarm Board	Alarm Board	COM24	9600	NONE	8	1

**EXAMPLE ONLY for U-Scan Max Single Station (SBU) Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	F56BD.DLL	COM9	9600	EVEN	8	1
Bill Acceptor	CCMFL.DLL	COM10	9600	NONE	8	1
Coin Dispenser	TRANSACT.DLL	COM3	9600	EVEN	7	1
Coin Acceptor	MF100C.DLL	COM7	9600	EVEN	7	1
Scanner Scale	NCR7875.DLL	COM5	9600	ODD	7	1
Bag Scale	RL_Beltscale.DLL	COM4	9600	EVEN	7	1
Printer	PRN7193.DLL	COM8	9600	NONE	8	1
CPN Detector	CPNDETECT.DLL	COM15	n/a	n/a	n/a	n/a

Belted Uscan Devices	MAXSBU.DLL	COM11	9600	NONE	8	1
Proximity Sensor	FUJITPS.DLL	COM17	9600	NONE	8	1

**EXAMPLE ONLY for U-Scan Scan and Bag Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	NMD50.DLL	COM9	9600	EVEN	7	2
Bill Acceptor	CASHCODE.DLL	COM10	9600	EVEN	7	1
Coin Dispenser	TRANSACT.DLL	COM3	9600	EVEN	7	1
Coin Acceptor	MF100C.DLL	COM7	9600	EVEN	7	1
Scanner Scale	NCR7875.DLL	COM5	9600	ODD	7	1
Bag Scale	SCALETRON.DLL	COM4	9600	EVEN	7	1
Printer	PRN7193.DLL	COM8	9600	NONE	8	1

Steps to Move ScanMaster Shortcut to the Startup folder prior to setting the Lane Number

- 1) To make a copy of the ScanMaster Icon, right click on icon on desktop and select **COPY**
- 2) Open Windows Explorer from the **Start Menu**.
- 3) Browse to C:\Documents and Settings\Robot\Start Menu\Programs\Startup and right click and select **Paste**.
- 4) Reboot U-Scan.

Do NOT change the Machine Name in the System Properties after the software is installed.

Setting the Customer Station Lane Number

- 1) On the Launchpad, click **Set Lane #**.

The **Enter the Lane Number** box appears.

- 2) Enter the lane number.

Normally the lane number would be the same number as the POS # that you entered earlier during the ScanMaster software installation.

- 3) Click **OK**.

Terminal Services begins loading options.

- 4) If Terminal Services does not start, restart the Computer.

Robot Control will start to verify the device status. A status icon (green light) is displayed.

- 5) Press the background to display the U-Scan software.

Customizing the Station in Maintenance Mode

- 1) Scan the Manager Barcode on the Customer Station.
- 2) Press the Manager Function button
- 3) Enter 01 and Enter
- 4) Press the Robot Maintenance button
- 5) Press the Custom Station Configuration button
- 6) Enter 159 and press done
- 7) Change the configuration to match the actual hardware setup
- 8) Press Exit Maintenance
- 9) Press Exit to return to normal operation

Mobile Attendant Installation

NOTE: Mobile Attendant will be installed from the Master Customer Station in this configuration.

NOTE: If you are using the Honeywell Dolphin 9700 and not the iPad refer to the Tech Bulletin for the Honeywell Dolphin 9700 posted on the StoreNext website.

- 1) Use the existing MA installation document (**3COM Access Point iPad Service Guide**) but make the below reference changes
 - Enter the **Master Customer Station name** for the install server instead of the Cashier station name at step #35 in the MA installation document. Example: CUST1_123A
 - The install will be at the [\\CUST1_123A\IPAD\Install](#) folder if using the Example name above.
- 2) Continue with this step after step 43 in the **3COM Access Point iPad Service Guide** set the Host Name or IP address on Mobile Attendant when it is first powered on.
 - The MACE screen should be showing with a default address of 192.168.0.5 when Mobile Attendant is first powered on.

- Press and hold SFT and then press / so you can edit the field with the correct address of your Master Customer Station.
- Highlight the Host Name/IP address box and key in the IP Address of your Master Customer Station
- Click on connect
- The select Lane screen should now be showing on Mobile Attendant.
- **The lanes will not show on this screen until you complete the Customer Station installation under Customer Station Setup With No Attendant Station** then you can click one of the lanes and you will enter the new detailed order screen.

Performing Test Transactions

- 1) Scan three or four items.
- 2) Process at least two produce items using the Produce/Bulk/Bakery key.
- 3) Ring up items with quantity required flag set.
- 4) Purchase an age-restricted item such as alcohol or tobacco.
- 5) Scan a random weight or system 2 UPC.
- 6) Scan Large/Heavy item.
- 7) Ensure that the system behavior is correct for each type of purchase.
- 8) Pay with cash at the Attendant Station.
- 9) Sign off the lanes.

CUSTOMER STATION SETUP WITHOUT AN ATTENDANT STATION

NOTE: This requires the Master Customer Station and Mobile Attendant to be installed

Prerequisites

Gathering the Software Information

Ensure You Have the Correct Imaging CD

- 89000539 (P4I-CiarWE06) image for the Ciara All-in-One and PC.
- 89000540 (P4I-TP2KWE06) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000541(P4I TP3KWE06) image for the TeamPoS 3000 XL
- 89000633 (P4I TP36PR01) image for the TeamPoS 3600

Ensure You Have the Correct Customization CD

- 89000542 (P4C-216-15)

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

Gathering the Hardware Information

NOTE:

The below is based on the knowledge that you gained from attending the U-Scan hardware course and not from this document.

Type of U-Scan lane (NextGen, Genesis)

Type of lane configuration (Platform, Carousel or Belted)

Type of controller (Ciara, TP2000 or TP3000 XL)

Whether you are going to use a Mobile Attendant

Configurations (With Attendant, No Attendant, Master Customer Station and Customer Stations)

Type of Monitor and touch used (MicroTouch, EloTouch, RS232 or USB connected touch)

Setting up the BIOS

CIARA PENTIUM 4

This task is only needed if you are imaging a **new** computer. Only change the settings mentioned in these steps. All other settings are to remain as default.

How to Enter the BIOS

- 1) Reboot the computer by pressing on the **Power** button.
- 2) While the Computer is starting, press **F2** or **DELETE** to enter the BIOS.

The **BIOS Setup Utility** main menu appears.

Setting Up the PCI Configuration

- 1) Use the right arrow to select the **Advanced** option from the menu bar at the top of the screen.

The **Advanced** menu options appear. The **PCI Configuration** submenu is highlighted.

- 2) Press **ENTER** to select the **PCI Configuration** submenu.

The **PCI Configuration** options appear.

- 3) Use the down arrow key to select **PCI Slot 1 IRQ Priority**, then press **ENTER**.

The list of possible **IRQ priorities** appears.

- 4) From the list of possible IRQ priorities, select **Auto**, then press **ENTER**.
- 5) Select **PCI Slot 2 IRQ Priority [AUTO]** & press **ENTER**.

The list of possible **IRQ priorities** appears.

- 6) **Auto** is selected, press **ENTER**.

The **PCI Configuration** menu appears.

- 7) Select **PCI SLOT 3 IRQ Priority [AUTO]** & press **ENTER**
- 8) **Auto** is selected, press **ENTER**.
- 9) Press **ESC** to return to the **Advanced** menu.

Set Up the Boot Configuration

- 1) From the **Advanced** menu, use the down arrow to select the **Boot Configuration** submenu.
- 2) Press **ENTER**.

The **Boot Configuration** options appear.

- 3) Verify that the following settings are correct:
Plug & Play O/S: **No**

Reset Config Data: **No**

Numlock: **On**

- 4) Press **ESC** to return to the **Advanced** menu.

Set Up the Peripheral Configuration

- 1) From the **Advanced** menu, use the down arrow to select the **Peripheral Configuration** submenu.
- 2) Press **ENTER**.

The **Peripheral Configuration** options appear.

- 3) Verify that the following settings are correct:

Serial Port A: **Enabled**

Base I/O Address: **3F8**

Interrupt: **IRQ 4**

Serial Port B: **Enabled**

Mode: **Normal**

Base I/O Address: **2F8**

Interrupt: **IRQ 3**

Parallel Port: **Enabled**

Mode: **ECP**

Base I/O Address: **378**

Interrupt: **IRQ 7**

DMA: **1**

IRQ 10: **Disabled**

IRQ 11: **Enabled**

Audio Device: **Enabled**

LAN Device: **Enabled**

Legacy USB Support: **Disabled**

4) Press **ESC** to return to the **Advanced** menu.

Set Up the IDE Configuration

1) From the **Advanced** menu, select **the IDE Configuration** submenu.

2) Press **Enter**.

The **IDE Configuration** menu options appear.

3) Verify the following settings:

IDE Controller: **Both**

PCI IDE Bus Master: **Enabled**

Hard Disk Pre-Delay: **Disabled**

4) Press **ESC** to return to the **Advanced** menu.

Set Up the Diskette Configuration

1) From the **Advanced** menu, select **Diskette Configuration**.

- 2) Press **ENTER**.
- 3) Verify the following settings:
Diskette Controller: **Enabled**
Floppy A: **1.44/1.25 MB 3 1/2**.
Diskette Write Protect: **Disabled**
- 4) Press **ESC**.

Set Up the Power Management Features

- 1) Use the right arrow to select the **Power** menu from the menu bar at the top of the screen.
- 2) Select **APM**.
- 3) Press **ENTER**.
- 4) Set Power Management to **Disabled**.
- 5) Press **ESC** to return to the **Power** menu.
- 6) Use the down arrow to select **ACPI**.
- 7) Press **ENTER**.
- 8) Verify the following settings:
ACPI Suspend State: **S1 State**
Wake on LAN From S5: **Stay Off**
Disable USB S3 Resume: **Disabled**
- 9) Press **ESC** to return to the **Power** menu.
- 10) Verify the following settings:
After Power Failure: **Stay Off**
Wake on LAN: **Stay Off**
Wake on PME: **Stay Off**

Wake on Modem Ring: **Stay Off**

Set Up the Boot Menu

- 1) Use the right arrow to select the **Boot** menu from the menu bar at the top of the screen.

The **Boot** menu options appear.

- 2) Verify the following settings:

Quiet Boot: **Disable**

Intel Rapid BIOS Boot: **Enabled**

Scan User Flash Area: **Disabled**

Use the down arrow to select the **Boot Device Priority** submenu.

- 3) Press **ENTER**.

- 4) Verify the following settings:

1st Boot Device: **ATAPI CD-ROM**

2nd Boot Device: **Hard drive**

3rd Boot Device: **Removable DEV**

4th Boot Device: **Disabled**

Press **ESC**.

Exit the BIOS

- 1) Use the right arrow to select **Exit** from the menu bar at the top of the screen.

The **Exit** menu appears. **Exit Saving Changes** is highlighted.

- 2) Press **ENTER** to select **Exit Saving Changes**.

The message **Save configuration changes and exit now?** Appears.

- 3) Press **ENTER** to select **Yes**.

The computer restarts.

TeamPoS 2000

You only need to perform this task if you are imaging a **new** Computer. Continue with the next task if you are re-imaging an existing Computer. **Only change the settings mentioned in these steps.** Leave all other settings unchanged.

How to Enter the BIOS

- 1) Press the **Power** button to restart the Computer.
- 2) While the Computer is starting, press **DELETE** to enter the BIOS when the message **PRESS DEL TO ENTER SETUP** displays.

You are prompted to enter a password.

- 3) Press **ENTER** to continue.

The **BIOS Setup** screen appears.

Set Up the Time and Date

- 1) Use the right arrow to select the **Main** option from the menu bar at the top of the screen.

The **Main** menu options appear.

- 2) Use the arrow keys to select **System Time**.
- 3) Use the **TAB** and **+** or **-** keys as required to set the time.
- 4) Use the arrow keys to select **System Date**.
- 5) Use the **TAB** and **+** or **-** keys as required to set the date.

Set Up the Optimal Defaults

- 1) Use the right arrow to select the **Exit** option from the menu bar at the top of the screen.

The **Exit** menu options appear.

- 2) Use the arrow keys to select **Load Optimal Defaults**.
- 3) Press **ENTER**.

The message **Load Optimal Defaults?** appears.

- 4) Select **Ok** Press **ENTER**.

Set Up the Boot Menu

- 1) Use the right arrow to select the **Boot** menu from the menu bar at the top of the screen.

The **Boot** menu options appear.

- 2) Use the arrow keys to select **Boot Group Priority**.
- 3) Press **ENTER**.

The **Boot group priority** screen appears.

- 4) Use the up/down arrows to select the **1st Boot Device** submenu.
- 5) Press **ENTER**.
- 6) Select **CD-ROM:** and press **ENTER**.
- 7) Press **ESC** to return to main **Boot** menu.

Save the Changes and Exit the BIOS

- 1) Use the right arrow to select **Exit** from the menu bar at the top of the screen.

The **Exit** menu appears. **Exit Saving Changes** is highlighted.

- 2) Press **ENTER** to select **Exit Saving Changes**.

The message **Save configuration changes and exit setup?** appears.

- 3) Select **Ok** and Press **ENTER**.

The computer restarts.

TeamPos 3000 XL

You only need to perform this task if you are imaging a **new** Computer. Continue with the next task if you are re-imaging an existing Computer. **Only change the settings mentioned in these steps.** Leave all other settings unchanged.

How to Enter the BIOS

- 1) Press the **Power** button to restart the Computer.
- 2) While the Computer is starting, press **F2** to enter the BIOS when the message **PRESS F2 TO ENTER SETUP** displays.

Set Up the Time and Date

- 1) Select Standard CMOS Features.
- 2) Set the date and time on this screen.
- 3) Hit **ESC** to return to the main screen

Set Up the Optimized Defaults

- 1) From the Main screen select Load Optimized Defaults
- 2) Press the **Y** key and then Enter

Set Up the Boot Menu

- 1) From the Main screen select Advanced BIOS Features
- 2) Arrow down to the First Boot Device.
- 3) Press **ENTER**.
- 4) Select **CDROM:** and press **ENTER**.
- 5) Press **ESC** to return to the Main menu

Save the Changes and Exit the BIOS

- 1) On the Main menu select Save and Exit and hit the Enter key
- 2) Hit **Y** and press **ENTER** to save to CMOS and exit. The computer will restart.

TeamPos 3600

You only need to perform this task if you are imaging a **new** Computer. Continue with the next task if you are re-imaging an existing Computer. **Only change the settings mentioned in these steps.** Leave all other settings unchanged.

How to Enter the BIOS

- 1) Press the **Power** button to restart the Computer.
- 2) While the Computer is starting, press **DEL** to enter the BIOS when the message **PRESS DEL TO ENTER SETUP** displays.

Set Up the Time and Date

- 1) Select Standard CMOS Features.
- 2) Set the date and time on this screen.
- 3) Hit **ESC** to return to the main screen

Set Up the Optimized Defaults

- 1) From the Main screen select Load Optimized Defaults
- 2) Press the **Y** key and then Enter

Set Up the Boot Menu

- 1) From the Main screen select Advanced BIOS Features
- 2) Arrow down to the First Boot Device.
- 3) Press **ENTER**.
- 4) Select **P2-DW-224S-V:** and press **ENTER**
- 5) Press **ESC** to return to the Main menu

Save the Changes and Exit the BIOS

- 1) On the Main menu select Save and Exit and hit the Enter key
- 2) Hit **Y** and press **ENTER** to save to CMOS and exit.

Installing the image for Ciara, TeamPoS 2000, TeamPoS 3000

Ensure You Have the Correct Imaging CD

- 89000539 (P4I-CiarWE06) image for the Ciara All-in-One and PC.
- 89000540 (P4I-TP2KWE06) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000541 (P4I TP3KWE06) image for the TeamPoS 3000 XL

Follow the steps below to install the image on the PC.

- 1) Insert the **Image CD** into the CD-ROM drive.
- 2) Restart the Computer by pressing the **Power** button.
- 3) Wait until the Computer restarts.

A **DOS** menu appears.

- 4) Use the arrow keys to highlight **Install New Image**.
- 5) Press **ENTER**.

The message **Proceed with imaging [Y, N]?** appears.

- 6) Enter **Y** for yes.

Ghost launches and the image is installed. When the installation is complete, the system prompts you to restart the Computer.

- 7) Remove the **Image CD** from the CD-ROM drive.
- 8) Press **CTRL+ALT+DEL** to restart the Computer.

Windows starts.

The system can take from one to two minutes before it discovers the hardware.

- 9) The Wizard installs all drivers automatically, and displays the message **Do you want to restart your computer now?**
- 10) Click **Yes** to restart the computer.

Installing the image for TeamPoS 3600

Ensure You Have the Correct Imaging CD

- 89000633 (P4I TP36PR01) image for the TeamPoS 3600

Follow the steps below to install the image on the PC.

- 1) Insert the **Image CD** into the CD-ROM drive.
- 2) Restart the Computer by pressing the **Power** button.
- 3) Wait until the Computer restarts.
- 4) System will boot to a prompt "**Press any Key to boot from CD or DVD...**"
- 5) Press **ENTER**.

Windows is loading files... will appear followed by a DOS box. Do not do anything.

- 6) Team PoS3600 Image Transfer box will appear with the following message:

Image will be restored to Drive #1. All data on Drive #1 will be destroyed and the system rebooted. Press OK to proceed or Cancel to Exit.

Press **OK**.

Ghost launches and the image is installed. When the installation is complete, the system prompts you to reboot the Computer.

- 7) Team PoS3600 Image Transfer box will appear with the following message:

Image restored successfully to Drive #1. Press OK to reboot or Cancel to Exit.

Press **OK**

- 8) Remove the **Image CD** from the CD-ROM drive.

Windows starts.

The system can take from one to two minutes before it discovers the hardware.

- 9) The Found New Hardware Wizard appears. Select *Install the software Automatically (Recommended)*.
- 10) Press **Next**
- 11) Press **Finish**
- 12) Press **CTRL ALT DEL** to reboot.

The Computer restarts

Customizing the Image

Ensure You Have the Correct Customization CD

- 89000542 (P4C-216-15)

Follow the steps below to install the Customization CD.

- 1) When the computer restarts, wait until the message **Please insert Customization CD** appears. Proceed to insert it now.

Note: The message can take up to a minute before it appears.

- 2) Click **OK**.

Note: If the **U-Scan Image Configuration** screen does not appear after you restart the computer, go to **D:\installpackages** and double-click on **ImageCus.exe**.

- 3) When the password screen appears, enter the password **(1223)** and then press **ENTER**.
- 4) In the **Customer field**, select **StoreNext** from the drop-down list.
- 5) In the **StationType** field, select the appropriate station type (**Customer**) from the dropdown list.
- 6) In the **Selectable/device/software list**, click **Select screen resolution**.
- 7) In the **Device/Software model** field, select **High resolution for Robot [IEMM] 1024x768**.
- 8) In the **Selectable/device/software list**, click **Select Touch Screen**.
- 9) Select **Elo Touchscreen** (RS232 or USB) for **resistive** monitors or select **MicroTouch Capacitive Touch screen** (RS232 or USB).

NOTE: This is based on the Hardware ordered for the store and your knowledge from attending the U-SCAN hardware course.

10) Click **OK**.

The **Confirm Selection** screen appears.

11) Read the information to ensure that your selections are correct.

12) If you need to change selection, click **Cancel**, then repeat step 1 to 11.

13) Click **OK** if the system selections are correct.

Note: Do not click anything while the image customization process is in progress.

Configure the Station

1) When the **Station Configuration** screen appears, click **Yes**.

2) Select the **System Information** tab.

3) Select **StoreNext** from the drop-down list.

4) Click **Apply**.

When the message **Store and Network configuration will be changed. Are you sure you want to continue?**

5) Click **Yes**.

6) Select the **Store Configuration** tab.

7) Under **store number**, enter the store number. (Example: 123).

8) Under **cluster ID**, enter “**A**” for cluster 1 or “**B**” for cluster 2.

9) Under **station ID**, select **Robot 1** (This is used for the Master Customer Station).

10) Verify the computer name. Refer to the example below:

Assume that the **store number** is “**123**”, the **cluster ID** is “**A**” and the **station ID** is **Robot 1**. The computer name as per standard naming convention should be:

CUST1_123A

Note: Do NOT uncheck the **Generate a computer name using OPMR Rules** box and assign the Attendant computer a name that deviates from the standard naming convention as defined above.

11) Select the **Network Configuration** tab.

12) Enable **IP forwarding** on every network card should be unchecked.

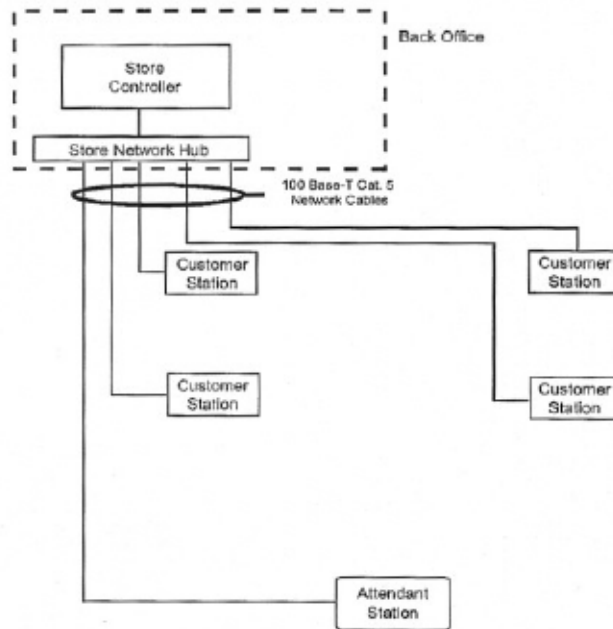
13) Verify that the **IP setting** is configured to Your IP Address for the LAN you are connecting to. (Example: **192.168.0.1**)

Note: You can now use 1 or 2 Network cards depending on your LAN configuration.

For a single Network card configuration, put in the IP Address of the POS # like a normal ScanMaster installation.

For two LAN cards, put in the address of the U-SCAN LAN for the one address and the IP Address of the POS # like a normal ScanMaster installation on the other card.

Some stores connect each Station directly to the Store Network and eliminate the separate U-Scan Network. In this case, each Customer Station has only one network card, and there is no Network Hub at the Attendant Station.



Regular U-Scan self-checkout system cable connections - no U-Scan LAN

14) Click **OK**.

The PC will reboot in about 15 to 20 seconds. DO NOT REMOVE THE CUSTOMIZATION CD. The system configuration process continues.

NOTE: The system prompts you to calibrate the touchscreen. Follow the on-screen instructions to calibrate the touchscreen.

15) The message **Base Image configuration complete. You are now ready to install U-Scan software. Please insert the auto-run CD in the drive now!**

16) Click, **OK**

Note: DO NOT put in any CD at this point.

17) Proceed to close the window and remove the **Customization CD**.

Adjust the Time Zone and Time

- 1) Double-click the time on the taskbar.
- 2) Click **Time Zone** tab.
- 3) Set the time zone.
- 4) Set to match store setup. **Automatically adjust clock for daylight savings time.**
- 5) Click **Apply**.
- 6) Click the **Date & Time** tab.
- 7) Set the time and date.
- 8) Click **OK** to save the time settings.

Installing StoreNext ScanMaster Software

Follow the steps below prior to installing the StoreNext ScanMaster Software

Pervasive Installation Installing Pervasive Workstation Engine

This installation assumes you have a CD-ROM Drive in the U-Scan lane. If you do not, you can run the installation over the network using the server's CD ROM Drive.

1. At the U-Scan, insert the CD labeled v8.6/v9.5 /v10.x Workgroup Engine into the CD-ROM drive.
Note: If the Autorun program starts, select "Launch PSQL V.x Workgroup Install." For v10.x select Workgroup Edition (32 bit) and skip to step 10.
2. Press the Start key on the keyboard.
3. Press <R> for Run.
4. Press <ALT> for Browse.
5. Press <ALT><I> for Look In.
6. Press the Arrow Down key and highlight the CD-ROM drive on the server and press **Enter**.
7. Press the Tab key until the Workgroup folder on the CD is highlighted.
8. Press the Arrow Down key, highlight **Setup** and press **Enter**.
Note: For v10.x, double-click on SetupWorkgroupx486 in the workgroup folder.
9. Press **Enter** for **OK** to run Setup installation wizard.
The Welcome screen appears.
10. Press **Enter** for **Next**.
The Software License Agreement Displays.
11. Read the agreement and click "I accept..." Or press <Alt><A> then press **Enter** for Next.
Note: You may also use the up and down arrow keys.
12. If prompted select "Run as application" and click **Next**.
The Setup Type Screen Displays.
13. Accept **Complete** and press **Enter** for **Next**.
The Verification Window displays.
14. Review the information and press **Enter** for **Install**.
Note: If prompted with "JRE not found," select **YES**.
After Setup has completed copying files and starting services, the Setup Complete window displays.
15. If prompted, Press **Enter** for **Finish**.

The HTML help window may display with links to the Pervasive web site. After closing this window, the Transactional Engine Test screen appears (within a few seconds).

For v10.x- After HTML help window displays. The JAVA™ 6 Update 5 will start to install. Click OK after prompted that the installation was successful. If a Message appears to Restart, select YES to Restart system. Since Pervasive v10.x does not automatically run the System Analyzer this should be done to verify connection. Launch Pervasive System Analyzer from Programs menu. The Welcome to SystemAnalyzer Wizard displays. Click Next. The System Analyzer Options displays. Click Test Active Installation and click Next. Target Network Communication displays. Type Target Machine name of Server and click Next. Upon Successful Network communication message click Next. Test Transactional Engine displays. Click Next. Verify test was successful and click Next. Test Relational Engine displays click Next. Verify Test was successful and click Next and Finish. If these test were not successful this MUST be resolved before installing ScanMaster otherwise Pervasive v10.x is now installed and operational. Skip to step 21.

16. Press **Enter** for **Next**.

The Test Results will appear.

17. Press **Enter** for **Next**.

The Relational Engine Test Screen appears.

18. Press **Enter** for **Next**.

The Test Results will appear.

19. Press **Enter** for **Next**.

The Pervasive SQL9 SP2 Workgroup for Windows screen will display.

20. Press **Enter** for **Finish**.

Remove the Pervasive CD.

21. Click the **X** in the upper right hand corner to close out the HTML Help Window.

22. If Pervasive is being reinstalled or upgraded after ScanMaster is already installed, it will be necessary to manually run either **C:\Grocery\V8Wrkstn.Reg** (if installing V8), **C:\Grocery\V9Wrkstn.Reg** (if installing V9) or **C:\Grocery\V10Wrkstn.Reg** (if installing V10). To do this, explore to <Def Drive>:\Grocery and double click on either V8Wrkstn.reg, V9Wrkstn.reg or V10Wrkstn.reg.

23. Reboot the PC.

OPOS Installation

Installation Preparation

For the Ciara, TeamPoS2000 and TeamPoS3000

Note: Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.08.XX Install CD to the hard drive of your workstation. (You should have previously mapped a drive to the server's CD-ROM drive – typically G:). Be sure to turn off Read-only on folder after you copy files. Select Properties on \Drivers folder and uncheck Read-only box and apply, then select option to “apply change to this folder, subfolders and files” option and click OK, click OK again.

For the TeamPoS3600

Note: The OPOS Drivers are delivered on the 3600 system. They are stored in the C:\TeamPoS36xx_Software_Support\OPOS directory. These are the drivers needed for the TeamPoS 3600. The Common Control drivers are OPOSCCOs-1_12_000.exe. The Fujitsu OPOS is FjOPOS_1_10_6.exe.

OPOS Common Control (RCS)

1. Using Windows Explorer, browse to the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\ Common Controls folder on the workstation.
2. Using Windows Explorer double-click on OposCCOs-1_10_000 file located in the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\Common Controls folder.

The Welcome window displays.

3. Click Next.

The Readme File window displays

4. Click NEXT.

The Choose Destination Location window displays.

5. Accept Default Folder and Click NEXT.

The Backup Replaced OPOS CCO Files window displays.

6. Verify that Yes is selected. Accept Default Backup Folder and Click NEXT.

The Select OPOS CCO Components window displays.

7. Verify that Both “Common Control Objects” and “OPOS Include Files” are selected. Click NEXT.

The Start Installation window displays.

8. Click NEXT.

The Installation Complete window displays.

9. Click FINISH.

FTXS OPOS (Fujitsu)

1. Using Windows Explorer, browse to the DRIVERS\
TeamPoS3000_Software_Support\Drivers\OPOS\FTXSOPOS folder
on the workstation.

2. Using Windows Explorer double-click on FTXSOPOS_1_10_1 file located in
the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\FTXSOPOS
folder.

The Welcome window displays.

3. Click Next.

The License Agreement window displays

4. Accept the agreement and click NEXT.

The Setup Type window displays

5. Select the Platform Type that you are installing to.

Note: Select TeamPoS 3000 for Models XL and XE.

Select TeamPoS 2000 for Models M and S units.

6. Click NEXT.

The Select Components window displays.

7. Select (click) the following PoS devices to install, regardless of actual
hardware configuration:

- LineDisplay1_VF60(USB)
- D22_25 MSR, Lock
- *****CashDrawer (TeamPoS 2000) *****(TeamPoS 3000) *Depending on Platform Type*
- Keylock 133PQ
- LineDisplay1_VF40_VF50 (Serial)
- MSR 133PQ
- POSKeyboard_133PQ
- Scanner_SS1200
- ScannerScale_Symphony_9950
- ToneIndicator 133PQ

8. Click Next.

If TeamPos 3000, Skip to step 11.

The Select I/O Board Type & Base Address window displays.

9. Select “No I/O Board or no port setup required”.

10. Click NEXT.

The Select OPOS Device Registry Settings Option window displays.

11. Select “Customize Each Device Port Settings”.

12. Click NEXT.

The Current Settings window displays. Verify Settings.

13. Click NEXT.

The Installation window displays.

14. Click INSTALL.

The Devices Logical Name window displays.

15. Click NEXT. (D22_D25_MSR).

16. Click NEXT. (D22_D25_KLK).

17. Click NEXT. (VF60-1).

18. Click NEXT. (FjMCPD1) TeamPoS 2000, (TP3K_CD1) TeamPoS 3000.

Would you like to change secondary cash drawer settings question displays.

19. Click NO.

20. Click NEXT. (fjkbds)

21. Click NEXT. (fjklks)

22. Click NEXT. (fjmsrs)

23. Click NEXT. (FJPosKBTone)

24. Click NEXT. (SlimScan1200)

25. Click NEXT. (Fujitsu7521E_S)

26. Click NEXT. (Fujitsu7521E_S_Scale)

27. Click NEXT. (fjvfdso)

The InstallShield Wizard Complete window displays.

28. Click FINISH.

Install ScanMaster U-Scan Software

1. Insert ScanMaster CD into the ScanMaster Server and from U-SCAN\U-scanToServer folder run Setup.exe. This will create F:\USCAN\Install folder.
 2. From U-Scan Lane, Map F: Drive.
 3. Run Setup.exe from F:\USCAN\Install\Setup.exe
 4. If the appropriate version of .NET and MSI is not currently installed system will prompt that it is installing these components. Press **OK** otherwise skip to Step 13.
 5. Select **NEXT**.
 6. Select "I Agree" and press **NEXT**.
 7. Place check mark in box "Do not restart now," and press FINISH. U-Scan will reboot at this point.
 8. Run **setup.exe** from f:\Uscan\Install. If prompted press OK.
 9. Press **NEXT** to continue.
 10. Accept agreement and select **INSTALL**.
 11. Select **FINISH**.
- The Installation Wizard Welcome window displays.*
12. Click **NEXT**.
 13. Setup Type Screen displays, Click **NEXT**.
 14. The Register Number screen displays. Enter Register Number and click **NEXT**.
 15. Start Copying Files screen displays, Click **NEXT**.
 16. ScanMaster USCAN Install Utility screen displays. Press **OK**.
 17. Select appropriate options under Payment/Loyalty System Tab and click **SAVE**. The U-Scan will reboot.

Note: Remember if using MTX to setup and configure prior to running U-Scan. Setup is the same as it is on a regular POS lane.

Note: To change default values for the automatic cashier login #111 browse to C:\grocery\fldev.ini and make the appropriate changes under the [U-Scan] section.

Installing the U-Scan Software

Note: Due to PCI requirements, the GMM5 version of USCAN has put an emphasis on Security. The Robot User Password has changed as well as the Administrator ID and Password. The Robot User has limited access. On a new install you should continue installing as the Robot User. On an upgrade when GMM5 has already been installed you **MUST** login as Administrator User. To backup/restore databases the USCAN must be logged in as Administrator User. The dealer/IT department has the ability to change and maintain user's passwords for security. The default ID's and Passwords are as follow:

Robot/Cashier User

ID – Robot

Password – FtX5R0B0!

Administrator User

ID – FTXSService

Password – FtX5Adm!n

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

- 1) Insert the U-Scan software installation CD into the CD-ROM drive.
- 2) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

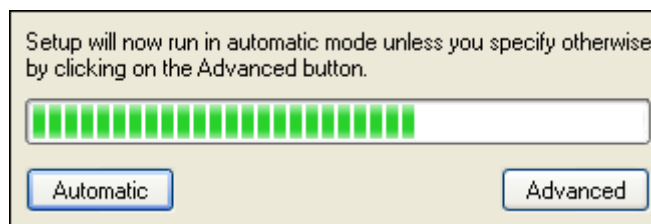
- 3) Double-click the icon displaying a CD-ROM.

The list of the files on the CD appears.

- 4) Double-click **Setup.exe**.
- 5) When the Welcome to the InstallShield wizard for U-Scan screen appears, click **Next**.

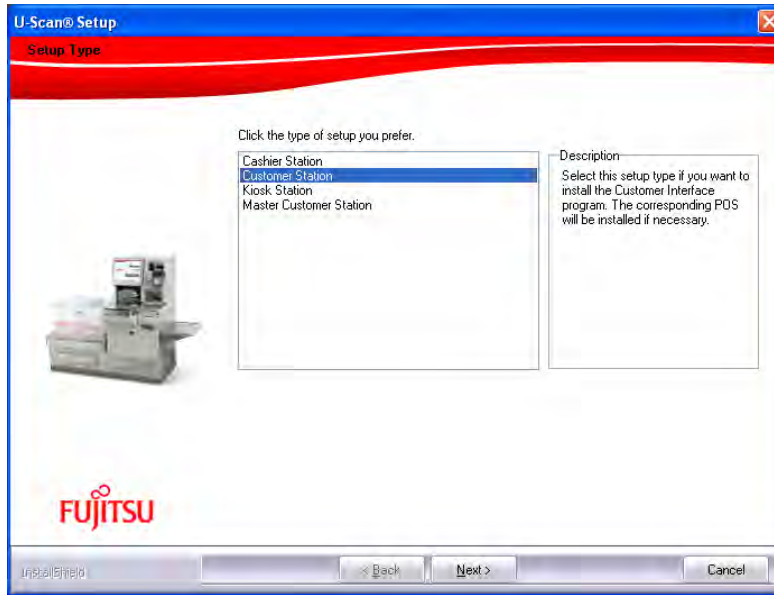


The **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING.** The software installs automatically. Do **NOT** click **Advanced**.

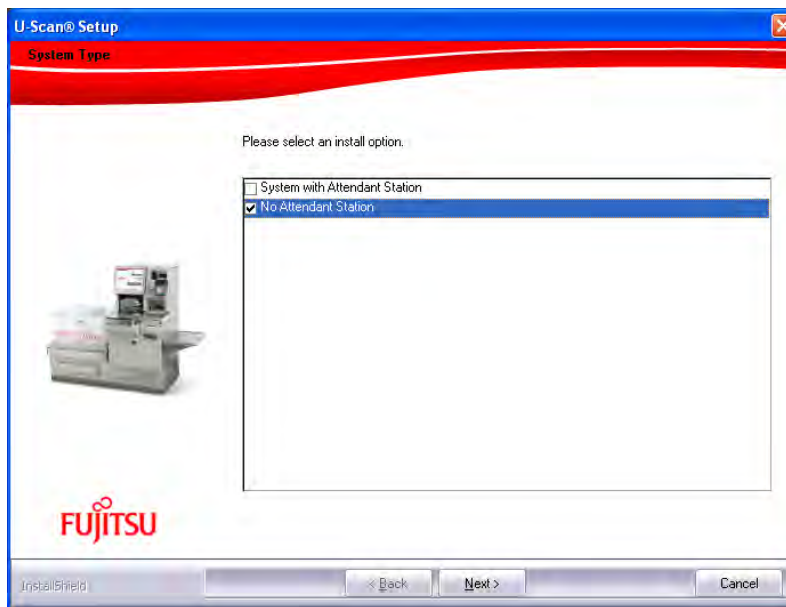


NOTE: The first time the installer is used on the Computer, a series of files are installed. Once the files are installed, the system may automatically restart more than once. **DO NOT REMOVE THE CD OR CLICK ANYTHING WHILE SOFTWARE IS INSTALLING.**

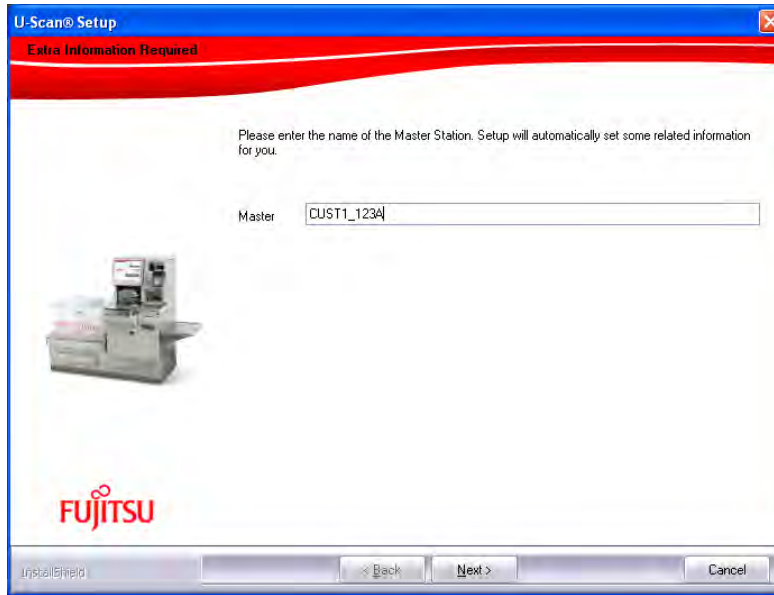
- 6) When the **Setup type** screen appears, select **Customer Station** and click **Next**.



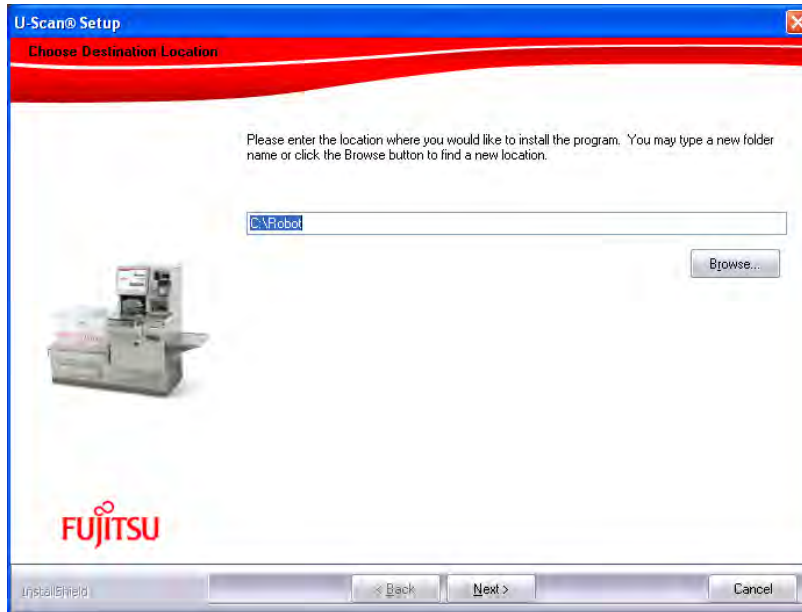
- 7) When the **System Type** screen appears, select **No Attendant Station** and click **Next**.



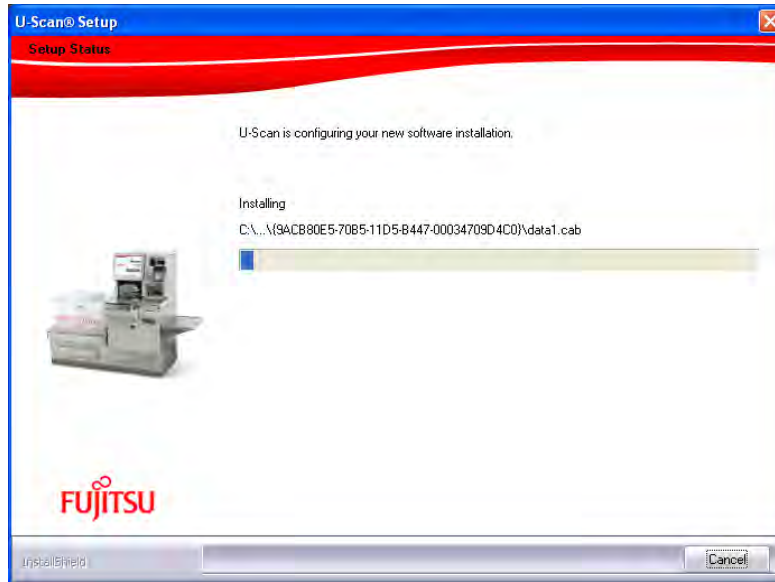
- 8) When the **Extra Information Required** screen appears, type the name of the Master station (Example CUST1_123A) and click **Next**.



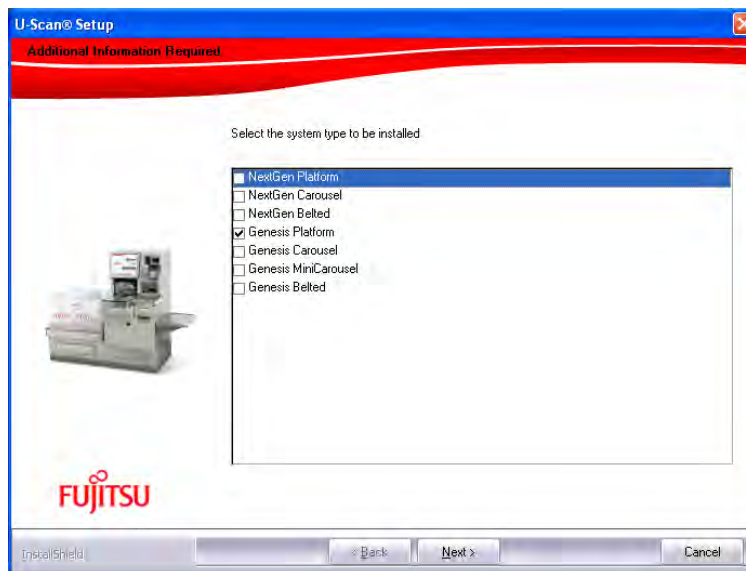
- 9) When the **Choose Destination Location** screen appears, a default destination folder is provided for the program (**C:\Robot**). Do **NOT** change this destination folder. Click **Next**.



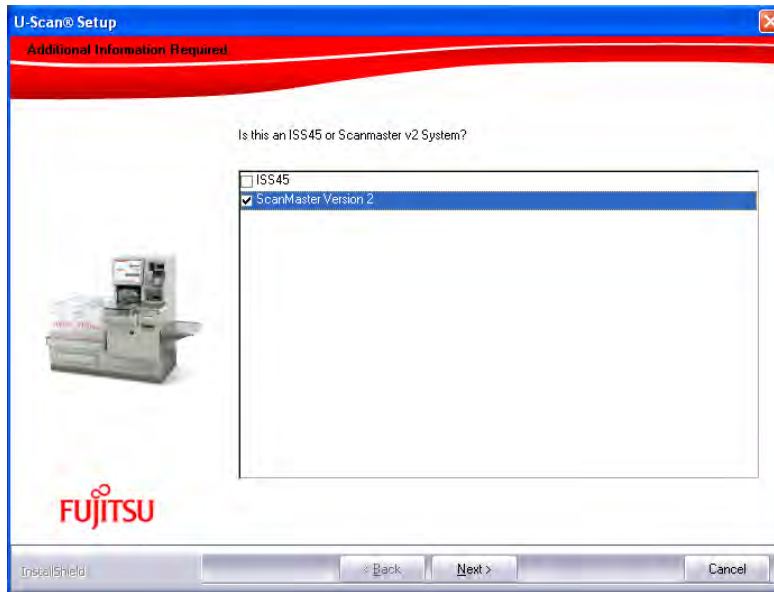
- 10) The **Setup Status** screen displays as the software is installed.



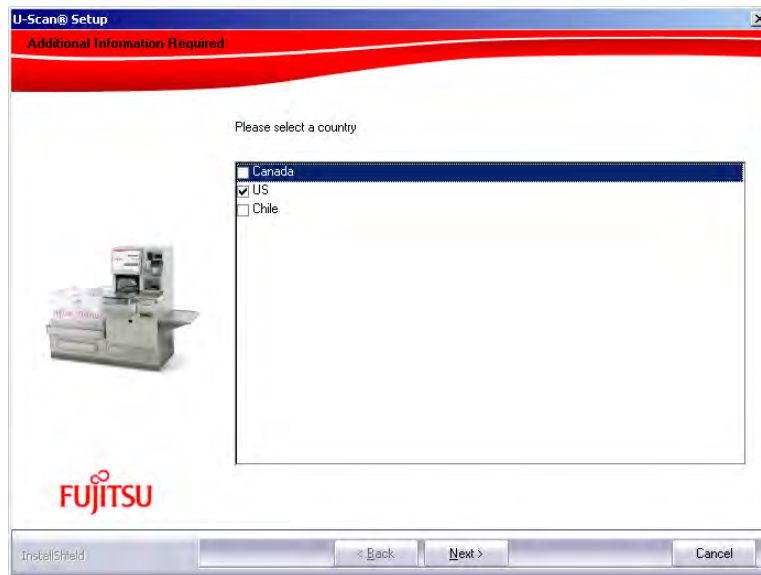
11) When the **Additional Information Required** screen displays, select the type of U-SCAN system. **Ex: Genesis Platform.**



12) When the **Additional Information Required** screen displays, select **ScanMaster Version 2** and click **Next**.



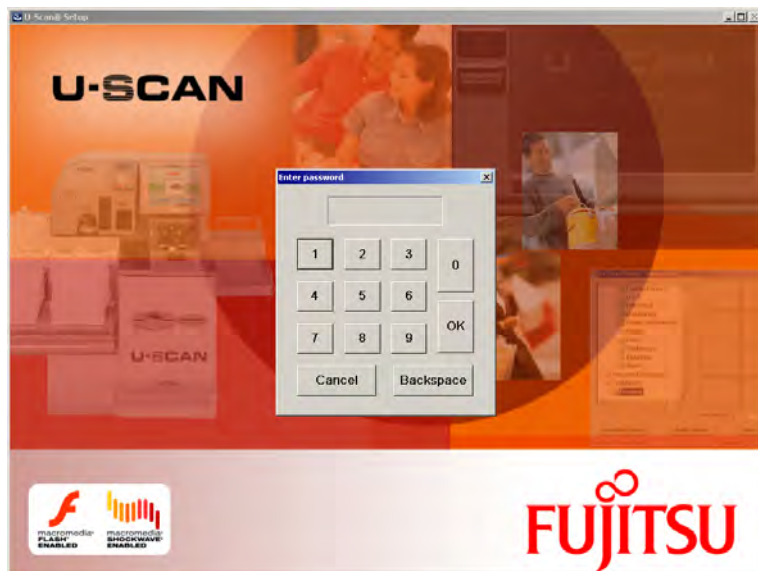
13)When the **Additional Information Required** screen appears, select the country and click **Next**.



14)When the **Additional Information Required** screen appears, select the **Type of Pole Light** or **None**.

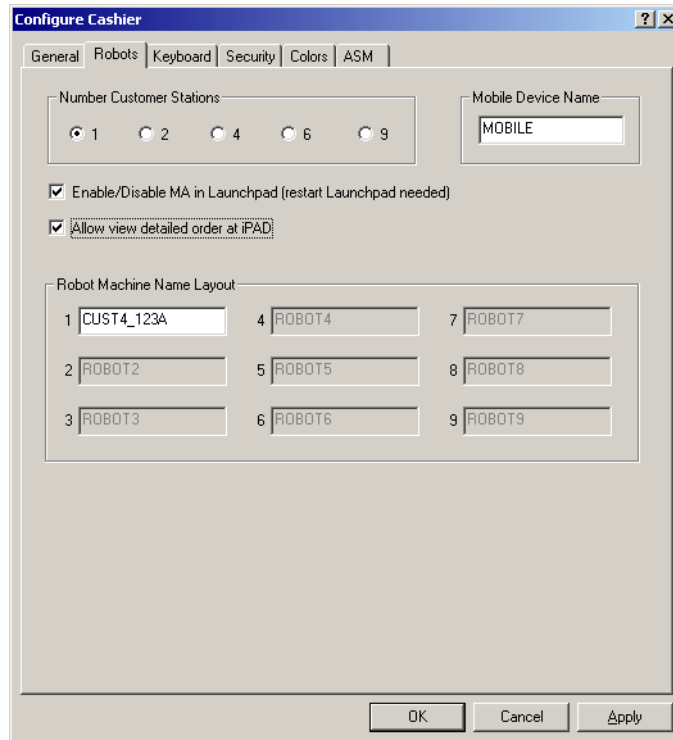


NOTE: ENTER A PASSWORD OF 1379 (AND PRESS OK) TO CONTINUE TO THE CONFIGURE CASHIER SCREEN.

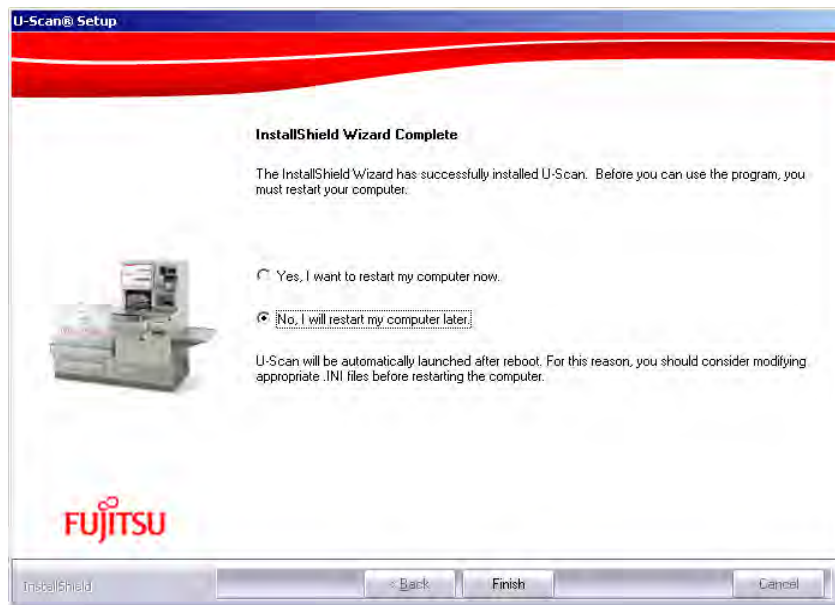


SELECT THE ROBOTS TAB AND CONFIRM THE FOLLOWING SELECTIONS ARE MADE: Number of Customer Stations, Enable/Disable MA in Launchpad and Allow view detailed order at iPad.

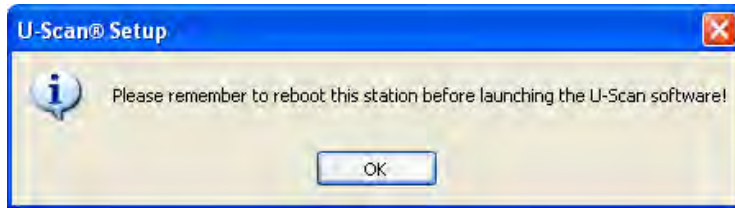
Note: Put in the name of the Robots. Position 1 should have the name of the Master Customer Station. The example in this document is CUST4_123A.



Press **OK**. The software installs. When the installation is complete, the **Install Shield Wizard Complete** screen appears.



15) Click **Finish**. The following message displays:



16) Press **OK**. Remove the **Software Installation CD** from the CD-ROM drive.

17) Restart the Computer.

NOTE: Do NOT change the Computer Name in the System Properties after the software is installed.

Customizing the U-Scan Software

- 7) Close the Launchpad screen by touching **Exit Launchpad** to go to the desktop.
- 8) Go to Folder C:\Robot\Data.
- 9) Drop the **logo.bmp** file that the store will be using for the U-Scan printer into this **C:\Robot\Data** folder.
- 10) Double Click on **Robot_MobileAttendant_ON.REG**.
Click **Yes** to the Registry editor question.
Click **OK** to the next Registry editor question.
- 11) Click on **DealerConfig.exe**.
- 12) Set up the settings that are to be used in the store and then exit the DealerConfig screen.

Testing the Customer Station Hardware

NOTE: All devices **MUST** be configured through Device Tester. Making Device changes directly in the registry is no longer supported.

- 1) Go to **Start > Programs > Startup > Launchpad**.

The **Launchpad** displays.

- 2) Touch **Device Tester**.

The **Password** screen displays.

- 3) Enter **1379** and touch **OK**.

The **Device Tester** window appears.

- 4) In the **Customer Device Test** window, click the tab for the device you wish to test.

Check that the **DLL** is set to the correct device model.

NOTE: Example lab settings are as listed below in the tables but **may not apply to your particular hardware**. These are just examples and you need to know what hardware you are really working with.

- 5) Follow the steps below if you need to correct the **DLL** settings:
 - a. On the Computer keyboard, press **ALT ***. (The * key is on the number pad.) **Change** becomes enabled.
 - b. Click Change.
 - c. Click the arrow to display the **DLL Location** drop-down menu.
 - d. Select the appropriate **DLL** for the device.

NOTE: If the appropriate DLL is not in the drop-down list, click **Browse**, and then select the correct DLL.

- e. Click Apply.
- 6) Test all the devices.
- 7) Click OK to exit the Device Tester.
- 8) Touch Exit Launchpad to return to the windows desktop

**EXAMPLE ONLY for TeamPoS 3000 U-Scan Genesis Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	F56BD.DLL	COM23	9600	EVEN	8	1
Bill Acceptor	CCMFL.DLL	COM20	9600	NONE	8	1
Coin Dispenser	TRANSACT.DLL	USB	9600	EVEN	7	1
Coin Acceptor	MCSR3.DLL	COM21	9600	NONE	8	1
Scanner Scale	MAGELLAN.DLL	COM2	9600	ODD	7	1
Bag Scale	SCALTRON.DLL	COM22	9600	EVEN	7	1
Printer	PRN7193.DLL	COM33	9600	NONE	8	1
CPN Detector	CPNDETECT.DLL	USB	n/a	n/a	n/a	n/a
Proximity Sensor	FUJITPS.DLL	USB	n/a	n/a	n/a	n/a
Light Pole	PATLITE.DLL	COM19	9600	NONE	8	1
Alarm Board	Alarm_Board.DLL	n/a	n/a	n/a	n/a	n/a

**EXAMPLE ONLY for TeamPoS 3600 U-Scan Genesis Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	Fujitsu F53 Bill Dispenser	COM5	9600	EVEN	8	1
Bill Acceptor	Cash Code SM Bill Acceptor	COM20	9600	NONE	8	1
Coin Dispenser	Telequip TFlex and Coin X	USB	9600	EVEN	7	1
Coin Acceptor	Microcoin QL3 Coin Acceptor	COM3	9600	NONE	8	1
Scanner Scale	Magellan Scanner Scale	COM2	9600	ODD	7	1
Bag Scale	SCALTRON Bag Scale	COM19	9600	EVEN	7	1
Printer	CT 10 Printer	COM33	9600	NONE	8	1
CPN Detector	Coupon Detector	USB	9600	NONE	8	1

Proximity Sensor	Proximity Sensor	USB	9600	NONE	8	1
Light Pole	PATLITE	COM 4 (Expansion port 2)	9600	NONE	8	1
Alarm Board	Alarm Board	COM24	9600	NONE	8	1

**EXAMPLE ONLY for U-Scan Max Single Station (SBU) Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	F56BD.DLL	COM9	9600	EVEN	8	1
Bill Acceptor	CCMFL.DLL	COM10	9600	NONE	8	1
Coin Dispenser	TRANSACT.DLL	COM3	9600	EVEN	7	1
Coin Acceptor	MF100C.DLL	COM7	9600	EVEN	7	1
Scanner Scale	NCR7875.DLL	COM5	9600	ODD	7	1
Bag Scale	RL_Beltscale.DLL	COM4	9600	EVEN	7	1
Printer	PRN7193.DLL	COM8	9600	NONE	8	1
CPN Detector	CPNDETECT.DLL	COM15	n/a	n/a	n/a	n/a
Belted Uscan Devices	MAXSBU.DLL	COM11	9600	NONE	8	1
Proximity Sensor	FUJITPS.DLL	COM17	9600	NONE	8	1

**EXAMPLE ONLY for U-Scan Scan and Bag Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	NMD50.DLL	COM9	9600	EVEN	7	2
Bill Acceptor	CASHCODE.DLL	COM10	9600	EVEN	7	1
Coin Dispenser	TRANSACT.DLL	COM3	9600	EVEN	7	1
Coin Acceptor	MF100C.DLL	COM7	9600	EVEN	7	1
Scanner Scale	NCR7875.DLL	COM5	9600	ODD	7	1
Bag Scale	SCALETRON.DLL	COM4	9600	EVEN	7	1

Printer	PRN7193.DLL	COM8	9600	NONE	8	1
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Steps to Move ScanMaster Shortcut to the Startup folder prior to setting the Lane Number

- 1) To make a copy of the ScanMaster Icon, right click on icon on desktop and select COPY
- 2) Open Windows Explorer from the **Start Menu**.
- 3) Browse to C:\Documents and Settings\Robot\Start Menu\Programs\Startup and right click and select **Paste**.
- 4) Reboot the U-Scan.

Do NOT change the Machine Name in the System Properties after the software is installed.

Setting the Customer Station Lane Number

- 1) On the Launchpad, click **Set Lane #**.

The **Enter the Lane Number** box appears.

- 2) Enter the lane number.

Normally the lane number would be the same number as the POS # that you entered earlier during the ScanMaster software installation.

- 3) Click **OK**.

Terminal Services begins loading options.

- 4) If Terminal Services does not start, restart the Computer.

Robot Control will start to verify the device status. A status icon (green light) is displayed.

- 5) Press the background to display the U-Scan software.

Customizing the Station in Maintenance Mode

- 1) Scan the Manager Barcode on the Customer Station.
- 2) Press the **Manager Function** button.
- 3) Enter **01** and **Done**.
- 4) Press the **Robot Maintenance** button.
- 5) Press the **Custom Station Configuration** button.
- 6) Enter **159** and press **Done**.
- 7) Change the configuration to match the actual hardware setup.
- 8) Press **Exit Maintenance**.
- 9) Press **Exit** to return to normal operation.

Performing Test Transactions

- 1) Scan three or four items.
- 2) Process at least two produce items using the Produce/Bulk/Bakery key.
- 3) Ring up items with quantity required flag set.
- 4) Purchase an age-restricted item such as alcohol or tobacco.
- 5) Scan a random weight or system 2 UPC.
- 6) Scan Large/Heavy item.
- 7) Ensure that the system behavior is correct for each type of purchase.
- 8) Pay with cash at the Attendant Station.
- 9) Sign off the lanes.

CUSTOMER STATION SETUP WITH ATTENDANT STATION

Prerequisites

Gathering the Software Information

Ensure You Have the Correct Imaging CD

- 89000539 (P4I-CiarWE06) image for the Ciara All-in-One and PC.
- 89000540 (P4I-TP2KWE06) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000541 (P4I TP3KWE06) image for the TeamPoS 3000 XL
- 89000633 (P4I TP36PR01) image for the TeamPoS 3600

Ensure You Have the Correct Customization CD

- 89000542 (P4C-216-15)

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

Gathering the Hardware Information

NOTE:

The below is based on the knowledge that you gained from attending the U-Scan hardware course and not from this document.

Type of U-Scan lane (NextGen, Genesis)

Type of lane configuration (Platform, Carousel or Belted)

Type of controller (Ciara, TP2000 or TP3000 XL)

Whether you are going to use a Mobile Attendant

Configurations (With Attendant, No Attendant, Master Customer Station and Customer Stations)

Type of Monitor and touch used (MicroTouch, EloTouch, RS232 or USB connected touch)

Setting up the BIOS

CIARA PENTIUM 4

This task is only needed if you are imaging a **new** computer. Only change the settings mentioned in these steps. All other settings are to remain as default.

How to Enter the BIOS

- 1) Reboot the computer by pressing on the **Power** button.
- 2) While the Computer is starting, press **F2** or **DELETE** to enter the BIOS.

The **BIOS Setup Utility** main menu appears.

Setting Up the PCI Configuration

- 1) Use the right arrow to select the **Advanced** option from the menu bar at the top of the screen.

The **Advanced** menu options appear. The **PCI Configuration** submenu is highlighted.

- 2) Press **ENTER** to select the **PCI Configuration** submenu.

The **PCI Configuration** options appear.

- 3) Use the down arrow key to select **PCI Slot 1 IRQ Priority**, then press **ENTER**.

The list of possible **IRQ priorities** appears.

- 4) From the list of possible IRQ priorities, select **Auto**, then press **ENTER**.
- 5) Select **PCI Slot 2 IRQ Priority [AUTO]** & press **ENTER**.

The list of possible **IRQ priorities** appears.

- 6) **Auto** is selected, press **ENTER**.

The **PCI Configuration** menu appears.

- 7) Select **PCI SLOT 3 IRQ Priority [AUTO]** & press **ENTER**
- 8) **Auto** is selected, press **ENTER**.
- 9) Press **ESC** to return to the **Advanced** menu.

Set Up the Boot Configuration

- 1) From the **Advanced** menu, use the down arrow to select the **Boot Configuration** submenu.
- 2) Press **ENTER**.

The **Boot Configuration** options appear.

- 3) Verify that the following settings are correct:
Plug & Play O/S: **No**

Reset Config Data: **No**

Numlock: **On**

- 4) Press **ESC** to return to the **Advanced** menu.

Set Up the Peripheral Configuration

- 1) From the **Advanced** menu, use the down arrow to select the **Peripheral Configuration** submenu.
- 2) Press **ENTER**.

The **Peripheral Configuration** options appear.

- 3) Verify that the following settings are correct:

Serial Port A: **Enabled**

Base I/O Address: **3F8**

Interrupt: **IRQ 4**

Serial Port B: **Enabled**

Mode: **Normal**

Base I/O Address: **2F8**

Interrupt: **IRQ 3**

Parallel Port: **Enabled**

Mode: **ECP**

Base I/O Address: **378**

Interrupt: **IRQ 7**

DMA: **1**

IRQ 10: **Disabled**

IRQ 11: **Enabled**

Audio Device: **Enabled**

LAN Device: **Enabled**

Legacy USB Support: **Disabled**

4) Press **ESC** to return to the **Advanced** menu.

Set Up the IDE Configuration

1) From the **Advanced** menu, select **the IDE Configuration** submenu.

2) Press **Enter**.

The **IDE Configuration** menu options appear.

3) Verify the following settings:

IDE Controller: **Both**

PCI IDE Bus Master: **Enabled**

Hard Disk Pre-Delay: **Disabled**

4) Press **ESC** to return to the **Advanced** menu.

Set Up the Diskette Configuration

1) From the **Advanced** menu, select **Diskette Configuration**.

- 2) Press **ENTER**.
- 3) Verify the following settings:
Diskette Controller: **Enabled**
Floppy A: **1.44/1.25 MB 3 1/2**.
Diskette Write Protect: **Disabled**
- 4) Press **ESC**.

Set Up the Power Management Features

- 1) Use the right arrow to select the **Power** menu from the menu bar at the top of the screen.
- 2) Select **APM**.
- 3) Press **ENTER**.
- 4) Set Power Management to **Disabled**.
- 5) Press **ESC** to return to the **Power** menu.
- 6) Use the down arrow to select **ACPI**.
- 7) Press **ENTER**.
- 8) Verify the following settings:
ACPI Suspend State: **S1 State**
Wake on LAN From S5: **Stay Off**
Disable USB S3 Resume: **Disabled**
- 9) Press **ESC** to return to the **Power** menu.
- 10) Verify the following settings:
After Power Failure: **Stay Off**
Wake on LAN: **Stay Off**
Wake on PME: **Stay Off**

Wake on Modem Ring: **Stay Off**

Set Up the Boot Menu

- 1) Use the right arrow to select the **Boot** menu from the menu bar at the top of the screen.

The **Boot** menu options appear.

- 2) Verify the following settings:

Quiet Boot: **Disable**

Intel Rapid BIOS Boot: **Enabled**

Scan User Flash Area: **Disabled**

Use the down arrow to select the **Boot Device Priority** submenu.

- 3) Press **ENTER**.

- 4) Verify the following settings:

1st Boot Device: **ATAPI CD-ROM**

2nd Boot Device: **Hard drive**

3rd Boot Device: **Removable DEV**

4th Boot Device: **Disabled**

Press **ESC**.

Exit the BIOS

- 1) Use the right arrow to select **Exit** from the menu bar at the top of the screen.

The **Exit** menu appears. **Exit Saving Changes** is highlighted.

- 2) Press **ENTER** to select **Exit Saving Changes**.

The message **Save configuration changes and exit now?** Appears.

- 3) Press **ENTER** to select **Yes**.

The computer restarts.

TeamPoS 2000

You only need to perform this task if you are imaging a **new** Computer. Continue with the next task if you are re-imaging an existing Computer. **Only change the settings mentioned in these steps.** Leave all other settings unchanged.

How to Enter the BIOS

- 1) Press the **Power** button to restart the Computer.
- 2) While the Computer is starting, press **DELETE** to enter the BIOS when the message **PRESS DEL TO ENTER SETUP** displays.

You are prompted to enter a password.

- 3) Press **ENTER** to continue.

The **BIOS Setup** screen appears.

Set Up the Time and Date

- 1) Use the right arrow to select the **Main** option from the menu bar at the top of the screen.

The **Main** menu options appear.

- 2) Use the arrow keys to select **System Time**.
- 3) Use the **TAB** and **+** or **-** keys as required to set the time.
- 4) Use the arrow keys to select **System Date**.
- 5) Use the **TAB** and **+** or **-** keys as required to set the date.

Set Up the Optimal Defaults

- 1) Use the right arrow to select the **Exit** option from the menu bar at the top of the screen.

The **Exit** menu options appear.

- 2) Use the arrow keys to select **Load Optimal Defaults**.

- 3) Press **ENTER**.

The message **Load Optimal Defaults?** appears.

- 4) Select **Ok** Press **ENTER**.

Set Up the Boot Menu

- 1) Use the right arrow to select the **Boot** menu from the menu bar at the top of the screen.

The **Boot** menu options appear.

- 2) Use the arrow keys to select **Boot Group Priority**.

- 3) Press **ENTER**.

The **Boot group priority** screen appears.

- 4) Use the up/down arrows to select the **1st Boot Device** submenu.

- 5) Press **ENTER**.

- 6) Select **CD-ROM:** and press **ENTER**.

- 7) Press **ESC** to return to main **Boot** menu.

Save the Changes and Exit the BIOS

- 1) Use the right arrow to select **Exit** from the menu bar at the top of the screen.

The **Exit** menu appears. **Exit Saving Changes** is highlighted.

- 2) Press **ENTER** to select **Exit Saving Changes**.

The message **Save configuration changes and exit setup?** appears.

- 3) Select **Ok** and Press **ENTER**.

The computer restarts.

TeamPos 3000 XL

You only need to perform this task if you are imaging a **new** Computer. Continue with the next task if you are re-imaging an existing Computer. **Only change the settings mentioned in these steps.** Leave all other settings unchanged.

How to Enter the BIOS

- 1) Press the **Power** button to restart the Computer.
- 2) While the Computer is starting, press **F2** to enter the BIOS when the message **PRESS F2 TO ENTER SETUP** displays.

Set Up the Time and Date

- 1) Select Standard CMOS Features.
- 2) Set the date and time on this screen.
- 3) Hit **ESC** to return to the main screen

Set Up the Optimized Defaults

- 1) From the Main screen select Load Optimized Defaults
- 2) Press the **Y** key and then Enter

Set Up the Boot Menu

- 1) From the Main screen select Advanced BIOS Features
- 2) Arrow down to the First Boot Device.
- 3) Press **ENTER**.
- 4) Select **CDROM:** and press **ENTER**.
- 5) Press **ESC** to return to the Main menu

Save the Changes and Exit the BIOS

- 1) On the Main menu select Save and Exit and hit the Enter key

- 2) Hit **Y** and press **ENTER** to save to CMOS and exit.

The computer restarts

TeamPos 3600

You only need to perform this task if you are imaging a **new** Computer. Continue with the next task if you are re-imaging an existing Computer. **Only change the settings mentioned in these steps.** Leave all other settings unchanged.

How to Enter the BIOS

- 1) Press the **Power** button to restart the Computer.
- 2) While the Computer is starting, press **DEL** to enter the BIOS when the message **PRESS DEL TO ENTER SETUP** displays.

Set Up the Time and Date

- 1) Select Standard CMOS Features.
- 2) Set the date and time on this screen.
- 3) Hit **ESC** to return to the main screen

Set Up the Optimized Defaults

- 1) From the Main screen select Load Optimized Defaults
- 2) Press the **Y** key and then Enter

Set Up the Boot Menu

- 1) From the Main screen select Advanced BIOS Features
- 2) Arrow down to the First Boot Device.
- 3) Press **ENTER**.
- 4) Select **P2-DW-224S-V:** and press **ENTER**.
- 5) Press **ESC** to return to the Main menu

Save the Changes and Exit the BIOS

- 1) On the Main menu select Save and Exit and hit the Enter key
- 2) Hit **Y** and press ENTER to save to CMOS and exit.

Installing the image for the Ciara, TeamPoS 2000, TeamPoS 3000

Ensure You Have the Correct Imaging CD

- 89000539 (P4I-CiarWE06) image for the Ciara All-in-One and PC.
- 89000540 (P4I-TP2KWE06) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000541 (P4I TP3KWE06) image for the TeamPoS 3000 XL

Follow the steps below to install the image on the PC.

- 1) Insert the **Image CD** into the CD-ROM drive.
- 2) Restart the Computer by pressing the **Power** button.
- 3) Wait until the Computer restarts.

A **DOS** menu appears.

- 4) Use the arrow keys to highlight **Install New Image**.
- 5) Press **ENTER**.

The message **Proceed with imaging [Y, N]?** appears.

- 6) Enter **Y** for yes.

Ghost launches and the image is installed. When the installation is complete, the system prompts you to restart the Computer.

- 7) Remove the **Image CD** from the CD-ROM drive.
- 8) Press **CTRL+ALT+DEL** to restart the Computer.

Windows starts.

The system can take from one to two minutes before it discovers the hardware.

- 9) The Wizard installs all drivers automatically, and the message **Do you want to restart your computer now?** appears.

10) Click **Yes**.

The Computer restarts

Installing the image for TeamPoS 3600

Ensure You Have the Correct Imaging CD

- 89000633 (P4I TP36PR01) image for the TeamPoS 3600

Follow the steps below to install the image on the PC.

- 1) Insert the **Image CD** into the CD-ROM drive.
- 2) Restart the Computer by pressing the **Power** button.
- 3) Wait until the Computer restarts.
- 4) System will boot to a prompt "**Press any Key to boot from CD or DVD...**".
- 5) Press **ENTER**.

Windows is loading files... will appear followed by a DOS box. Do not do anything.

- 6) Team PoS3600 Image Transfer box will appear with the following message:

Image will be restored to Drive #1. All data on Drive #1 will be destroyed and the system rebooted. Press OK to proceed or Cancel to Exit.

Press **OK**.

Ghost launches and the image is installed. When the installation is complete, the system prompts you to reboot the Computer.

- 7) Team PoS3600 Image Transfer box will appear with the following message:

Image restored successfully to Drive #1. Press OK to reboot or Cancel to Exit.

Press **OK**

- 8) Remove the **Image CD** from the CD-ROM drive.

Windows starts.

The system can take from one to two minutes before it discovers the hardware.

- 9) The Found New Hardware Wizard appears. Select *Install the software Automatically (Recommended)*.
- 10) Press **Next**
- 11) Press **Finish**
- 12) Press **CTRL ALT DEL** to reboot.

The Computer restarts

Customizing the Image

Ensure You Have the Correct Customization CD

- 89000542 (P4C-216-15)

Follow the steps below to install the CustomizationCD.

- 1) When the computer restarts wait until, the message **Please insert Customization CD** appears. Proceed to insert it now.

Note: The message can take up to a minute before it appears

- 2) Click **OK**.

Note: If the **U-Scan Image Configuration** screen does not appear after you restart the computer, go to **D:\installpackages** and double-click on **ImageCus.exe**.

- 3) When the password screen appears, enter the password **(1223)** and then press **ENTER**.
- 4) In the **Customer field**, select **StoreNext** from the drop-down list.
- 5) In the **StationType** field, select the appropriate station type (**Customer**) from the dropdown list.
- 6) In the **Selectable/device/software list**, click **Select screen resolution**.
- 7) In the **Device/Software model** field select **High resolution for Robot [IEMM] 1024x768**

- 8) In the **Selectable/device/software list**, click **Select Touch Screen**.
- 9) Select **Elo Touchscreen** (RS232 or USB) for **resistive** monitors or select **MicroTouch Capacitive Touch screen** (RS232 or USB)

NOTE: This is based on the Hardware ordered for the store and your knowledge from attending the U-SCAN hardware course).

10)Click **OK**

The **Confirm Selection** screen appears.

11)Read the information to ensure that your selections are correct.

12)If you need to change selection, click **Cancel**, then repeat step 1 to 11.

13)Click **OK** if the system selections are correct.

Note: Do not click anything while the image customization process is in progress.

Configure the Station

- 1) When the **Configure Station** confirmation screen appears, click **Yes**.
- 2) Select the **System Information** tab.
- 3) Select **StoreNext** from the drop-down list.
- 4) Click **Apply**.

The message **Store and Network configuration will be changed. Are you sure you want to continue?** appears.

- 5) Click **Yes**.
- 6) Select the **Store Configuration** tab.
- 7) Under **store number**, enter the store number. (Example: 123).
- 8) Under **cluster ID**, enter **“A”** for cluster 1 or **“B”** for cluster 2.
- 9) Under **station ID**, select **Robot 1** (This is used for the Master Customer Station).
- 10)Verify the computer name. Refer to the example below:

Assume that the **store number** is “123”, the **cluster ID** is “A” and the **station ID** is **Robot 1**. The computer name as per standard naming convention should be:

CUST1_123A

Note: Do NOT uncheck the **Generate a computer name using OPMR Rules** box and assign the Attendant computer a name that deviates from the standard naming convention as defined above.

11) Select the **Network Configuration** tab.

12) Disable **IP forwarding**

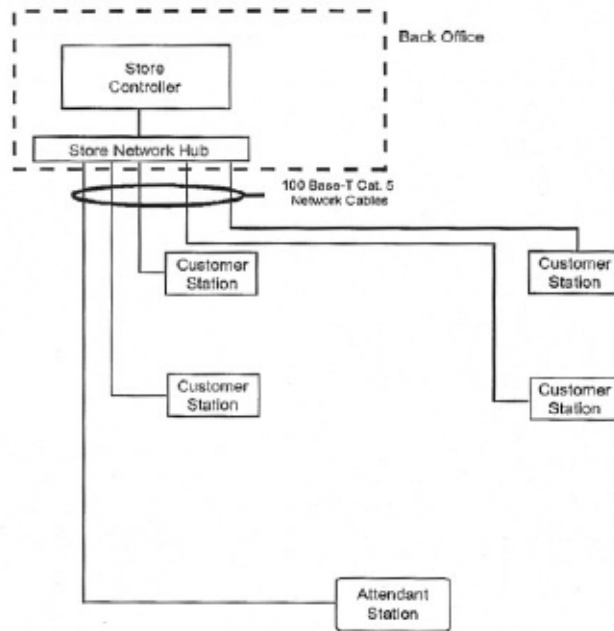
13) Verify that the **IP setting** is configured to Your IP Address for the LAN you are connecting to. (Example: **192.168.0.1**)

Note: You can now use 1 or 2 Network cards depending on your LAN configuration.

For a single Network card configuration, put in the IPAddress of the POS # like a normal ScanMaster installation

For two LAN cards, put in the address of the U-SCAN LAN for the one address and the IPAddress of the POS # like a normal ScanMaster installation on the other card.

Some stores connect each Station directly to the Store Network and eliminate the separate U-Scan Network. In this case, each Customer Station has only one network card, and there is no Network Hub at the Attendant Station.



Regular U-Scan self-checkout system cable connections - no U-Scan LAN

14) Click **OK**.

The PC will reboot in about 15 to 20 seconds. DO NOT REMOVE THE CUSTOMIZATION CD. The system configuration process continues.

NOTE: The system prompts you to calibrate the touchscreen. Follow the on-screen instructions to calibrate the touchscreen.

15) The message **Base Image configuration complete. You are now ready to install U-Scan software. Please insert the auto-run CD in the drive now!** appears.

Note: DO NOT put in a CD at this point

16) Proceed to close the window and remove the **Customization CD**.

Adjust the Time Zone and Time

- 1) Double-click the time on the taskbar.
- 2) Click **Time Zone** tab.

- 3) Set the time zone.
- 4) Set to match store settings. **Automatically adjust clock for daylight savings time.**
- 5) Click **Apply**.
- 6) Click the **Date & Time** tab
- 7) Set the time and date.
- 8) Click **OK** to save the time settings.

Installing StoreNext ScanMaster Software

Follow the steps below prior to installing the StoreNext ScanMaster Software

Pervasive Installation Installing Pervasive Workstation Engine

This installation assumes you have a CD-ROM Drive in the U-Scan lane. If you do not, you can run the installation over the network using the server's CD ROM Drive.

1. At the U-Scan, insert the CD labeled v8.6/v9.5 /v10.x Workgroup Engine into the CD-ROM drive.
Note: If the Autorun program starts, select "Launch PSQL V.x Workgroup Install." For v10.x select Workgroup Edition (32 bit) and skip to step 10.
2. Press the Start key on the keyboard.
3. Press **<R>** for Run.
4. Press **<ALT>** for Browse.
5. Press **<ALT><I>** for Look In.
6. Press the Arrow Down key and highlight the CD-ROM drive on the server and

press **Enter**.

7. Press the Tab key until the Workgroup folder on the CD is highlighted.

8. Press the Arrow Down key, highlight **Setup** and press **Enter**.

Note: For v10.x, double-click on SetupWorkgroupx486 in the workgroup folder.

9. Press **Enter** for **OK** to run Setup installation wizard.

The Welcome screen appears.

10. Press **Enter** for **Next**.

The Software License Agreement Displays.

11. Read the agreement and click "I accept..." Or press <Alt><A>then press **Enter** for Next.

Note: You may also use the up and down arrow keys.

12. If prompted select "Run as application" and click **Next**.

The Setup Type Screen Displays.

13. Accept **Complete** and press **Enter** for **Next**.

The Verification Window displays.

14. Review the information and press **Enter** for **Install**.

Note: If prompted with "JRE not found," select **YES**.

After Setup has completed copying files and starting services, the Setup Complete window displays.

15. If prompted, Press **Enter** for **Finish**.

The HTML help window may display with links to the Pervasive web site. After closing this window, the Transactional Engine Test screen appears (within a few seconds).

For v10.x- After HTML help window displays. The JAVA™ 6 Update 5 will start to install. Click OK after prompted that the installation was successful. If a Message appears to Restart, select YES to Restart system. Since Pervasive v10.x does not automatically run the System Analyzer this should be done to verify connection. Launch Pervasive System Analyzer from Programs menu. The Welcome to SystemAnalyzer Wizard displays. Click Next. The System Analyzer Options displays. Click Test Active Installation and click Next. Target Network Communication displays. Type Target Machine name of Server and click Next. Upon Successful Network communication message click Next. Test Transactional Engine displays. Click Next. Verify test was successful and click Next. Test Relational Engine displays click Next. Verify Test was successful and click Next and Finish. If these test were not successful this MUST be resolved before installing ScanMaster otherwise Pervasive v10.x is now installed and operational. Skip to step 21.

16. Press **Enter** for **Next**.

The Test Results will appear.

17. Press **Enter** for **Next**.

The Relational Engine Test Screen appears.

18. Press **Enter** for **Next**.

The Test Results will appear.

19. Press **Enter** for **Next**.

The Pervasive SQL9 SP2 Workgroup for Windows screen will display.

20. Press **Enter** for **Finish**.

Remove the Pervasive CD.

21. Click the **X** in the upper right hand corner to close out the HTML Help Window.

22. If Pervasive is being reinstalled or upgraded after ScanMaster is already installed, it will be necessary to manually run either **C:\Grocery\V8Wrkstn.Reg** (if installing V8), **C:\Grocery\V9Wrkstn.Reg** (if installing V9) or **C:\Grocery\V10Wrkstn.Reg** (if installing V10). To do this, explore to <Def Drive>:\Grocery and double click on either V8Wrkstn.reg, V9Wrkstn.reg or V10Wrkstn.reg.

23. Reboot the PC.

OPOS Installation

Installation Preparation

For the Ciara, TeamPoS2000 and TeamPoS3000

Note: Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.08.XX Install CD to the hard drive of your workstation. (You should have previously mapped a drive to the server's CD-ROM drive – typically G:). Be sure to turn off Read-only on folder after you copy files. Select Properties on \Drivers folder and uncheck Read-only box and apply, then select option to “apply change to this folder, subfolders and files” option and click OK, click OK again.

For the TeamPoS3600

Note: The OPOS Drivers are delivered on the 3600 system. They are stored in the C:\TeamPoS36xx_Software_Support\OPOS directory. These are the drivers needed for the TeamPoS 3600. The Common Control drivers are OPOSCCOs-1_12_000.exe. The Fujitsu OPOS is FjOPOS_1_10_6.exe.

OPOS Common Control (RCS)

1. Using Windows Explorer, browse to the DRIVERS\
TeamPoS3000_Software_Support\Drivers\OPOS\ Common Controls

folder on the workstation.

2. Using Windows Explorer double-click on OposCCOs-1_10_000 file located in the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\Common Controls folder.

The Welcome window displays.

3. Click Next.

The Readme File window displays

4. Click NEXT.

The Choose Destination Location window displays.

5. Accept Default Folder and Click NEXT.

The Backup Replaced OPOS CCO Files window displays.

6. Verify that Yes is selected. Accept Default Backup Folder and Click NEXT.

The Select OPOS CCO Components window displays.

7. Verify that Both “Common Control Objects” and “OPOS Include Files” are selected. Click NEXT.

The Start Installation window displays.

8. Click NEXT.

The Installation Complete window displays.

9. Click FINISH.

FTXS OPOS (Fujitsu)

1. Using Windows Explorer, browse to the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\FTXSOPPOS folder on the workstation.

2. Using Windows Explorer double-click on FTXSOPPOS_1_10_1 file located in the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\FTXSOPPOS folder.

The Welcome window displays.

3. Click Next.

The License Agreement window displays

4. Accept the agreement and click NEXT.

The Setup Type window displays

5. Select the Platform Type that you are installing to.
Note: Select TeamPoS 3000 for Models XL and XE.
Select TeamPoS 2000 for Models M and S units.

6. Click NEXT.

The Select Components window displays.

7. Select (click) the following PoS devices to install, regardless of actual hardware configuration:

- LineDisplay1_VF60(USB)
- D22_25 MSR, Lock
- ***CashDrawer (TeamPoS 2000) *** (TeamPoS 3000) *Depending on Platform Type*
- Keylock 133PQ
- LineDisplay1_VF40_VF50 (Serial)
- MSR 133PQ
- POSKeyboard_133PQ
- Scanner_SS1200
- ScannerScale_Symphony_9950
- ToneIndicator 133PQ

8. Click Next.

If TeamPos 3000, Skip to step 11.

The Select I/O Board Type & Base Address window displays.

9. Select "No I/O Board or no port setup required".

10. Click NEXT.

The Select OPOS Device Registry Settings Option window displays.

11. Select "Customize Each Device Port Settings".

12. Click NEXT.

The Current Settings window displays. Verify Settings.

13. Click NEXT.

The Installation window displays.

14. Click INSTALL.

The Devices Logical Name window displays.

15. Click NEXT. (D22_D25_MSR).

16. Click NEXT. (D22_D25_KLK).

17. Click NEXT. (VF60-1).

18. Click NEXT. (FjMCPD1) TeamPoS 2000, (TP3K_CD1) TeamPoS 3000.

Would you like to change secondary cash drawer settings question displays.

19. Click NO.
20. Click NEXT. (fjkbds)
21. Click NEXT. (fjklkso)
22. Click NEXT. (fjmsrso)
23. Click NEXT. (FJPosKBTone)
24. Click NEXT. (SlimScan1200)
25. Click NEXT. (Fujitsu7521E_S)
26. Click NEXT. (Fujitsu7521E_S_Scale)
27. Click NEXT. (fjvfdso)

The InstallShield Wizard Complete window displays.

28. Click FINISH.

Install ScanMaster U-Scan Software

1. Insert ScanMaster CD into the ScanMaster Server and from U-SCAN\U-scanToServer folder run Setup.exe. This will create F:\USCAN\Install folder.
2. From U-Scan Lane, Map F: Drive.
3. Run Setup.exe from F:\USCAN\Install\Setup.exe
4. If the appropriate version of .NET and MSI is not currently installed system will prompt that it is installing these components. Press **OK** otherwise skip to Step #13.
5. Select **NEXT**.
6. Select "I Agree" and press **NEXT**.
7. Place check mark in box "Do not restart now," and press FINISH. U-Scan will reboot at this point.
8. Run **setup.exe** from f:\Uscan\Install. If prompted press OK.
9. Press **NEXT** to continue.
10. Accept agreement and select **INSTALL**.
11. Select **FINISH**.

The Installation Wizard Welcome window displays.

12. Click **NEXT**.
13. Setup Type Screen displays, Click **NEXT**.
14. The Register Number screen displays. Enter Register Number and click **NEXT**.
15. Start Copying Files screen displays, Click **NEXT**.
16. ScanMaster USCAN Install Utility screen displays. Press **OK**.
17. Select appropriate options under Payment/Loyalty System Tab and click **SAVE**. The U-Scan will reboot.

Note: Remember if using MTX to setup and configure prior to running U-Scan. Setup is the same as it is on a regular POS lane.

Note: To change default values for the automatic cashier login #111 browse to C:\grocery\fldev.ini and make the appropriate changes under the [U-Scan] section.

Installing the U-Scan Software

Note: Due to PCI requirements, the GMM5 version of USCAN has put an emphasis on Security. The Robot User Password has changed as well as the Administrator ID and Password. The Robot User has limited access. On a new install you should continue installing as the Robot User. On an upgrade when GMM5 has already been installed you **MUST** login as Administrator User. To backup/restore databases the USCAN must be logged in as Administrator User. The dealer/IT department has the ability to change and maintain user's passwords for security. The default ID's and Passwords are as follow:

Robot/Cashier User

ID – Robot

Password – FtX5R0B0!

Administrator User

ID – FTXSService

Password – FtX5Adm!n

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

1) Insert the U-Scan software installation CD into the CD-ROM drive.

2) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

3) Double-click the icon displaying a CD-ROM.

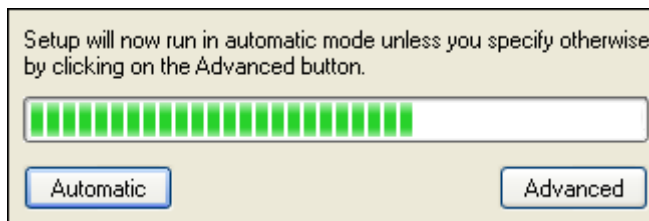
The list of the files on the CD appears.

4) Double-click **Setup.exe**.

5) When the Welcome to the InstallShield wizard for U-Scan screen appears, click **Next**.

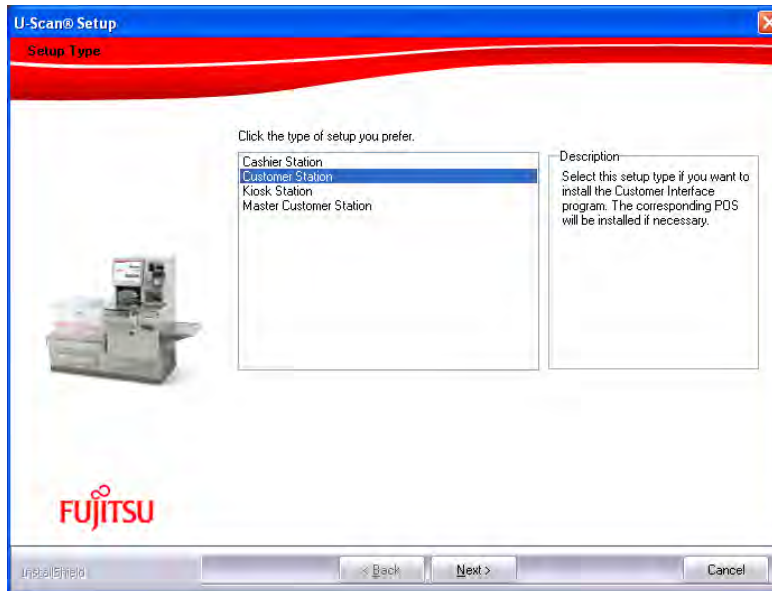


The **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING**. The software installs automatically. Do **NOT** click **Advanced**.

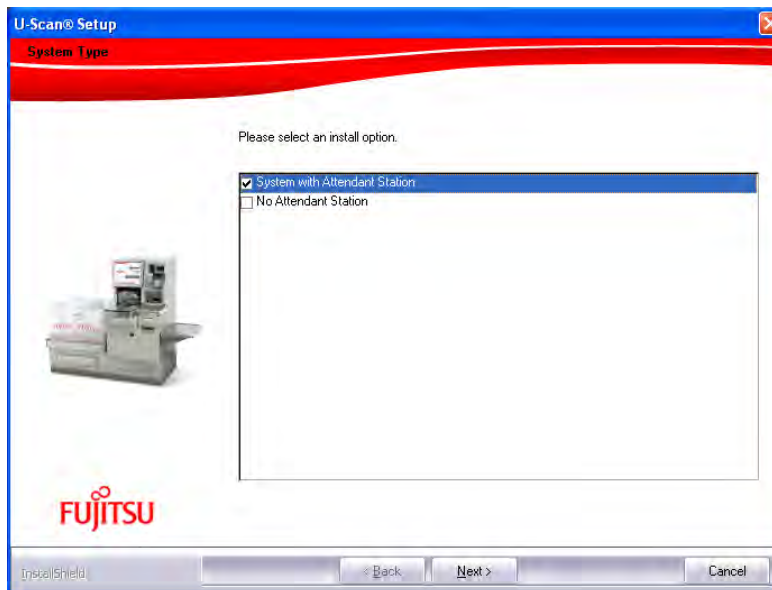


NOTE: The first time the installer is used on the Computer, a series of files are installed. Once the files are installed, the system may automatically restart more than once. **DO NOT REMOVE THE CD OR CLICK ANYTHING WHILE SOFTWARE IS INSTALLING.**

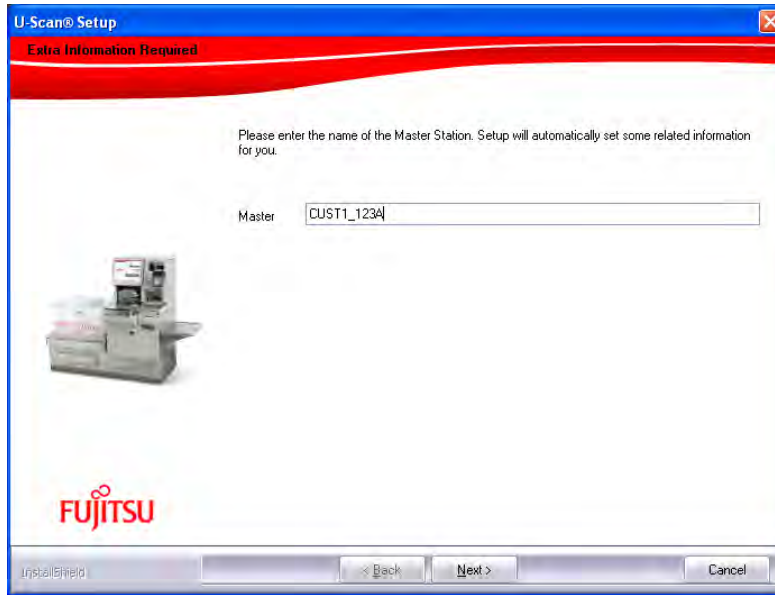
- 6) When the **Setup type** screen appears, select **Customer Station** and click **Next**.



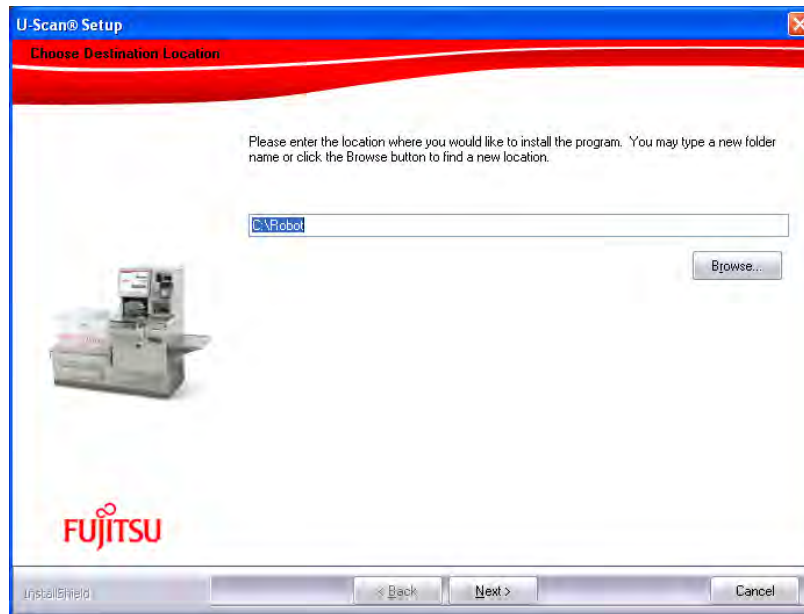
- 7) When the **System Type** screen appears, select **System with Attendant Station** and click **Next**.



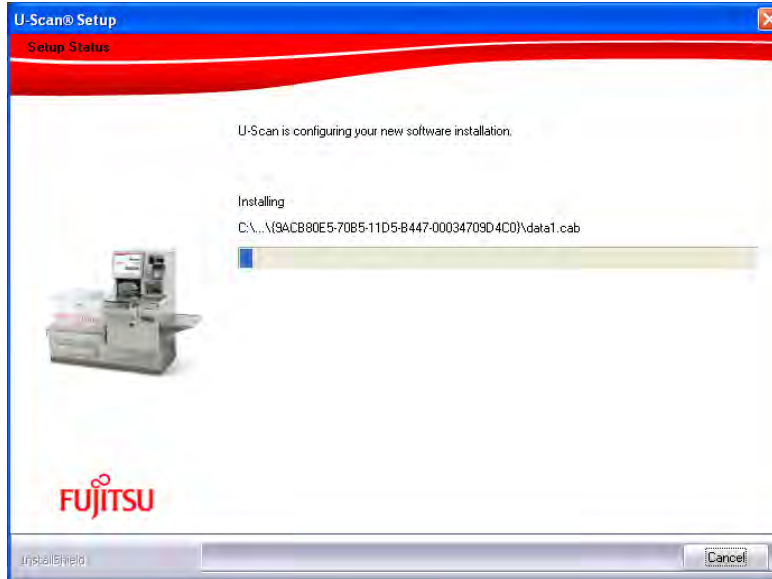
- 8) When the **Extra Information Required** screen appears, type the name of the Master station (Example CUST1_123A) and click **Next**.



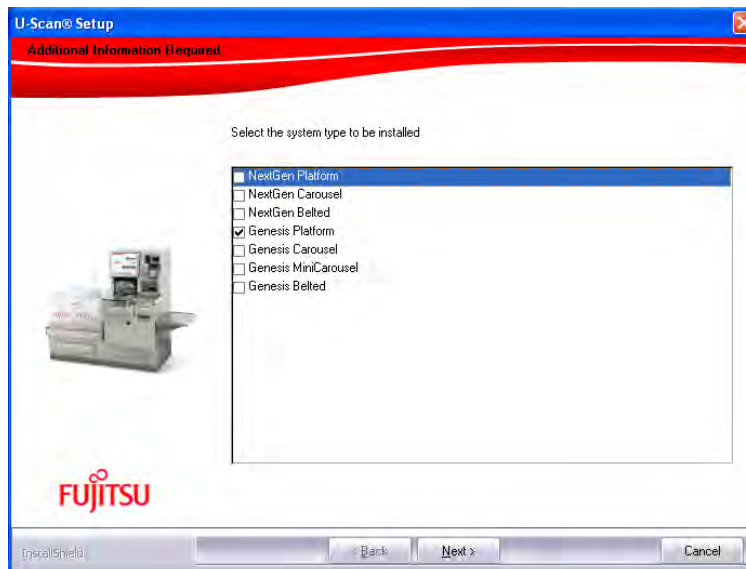
- 9) When the **Choose Destination Location** screen appears, a default destination folder is provided for the program (**C:\Robot**). Do **NOT** change this destination folder. Click **Next**.



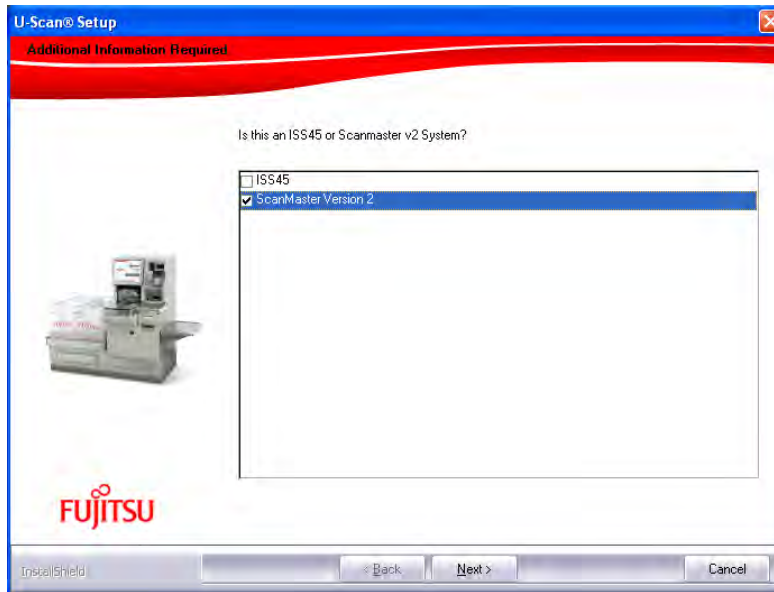
10)The **Setup Status** screen displays as the software is installed.



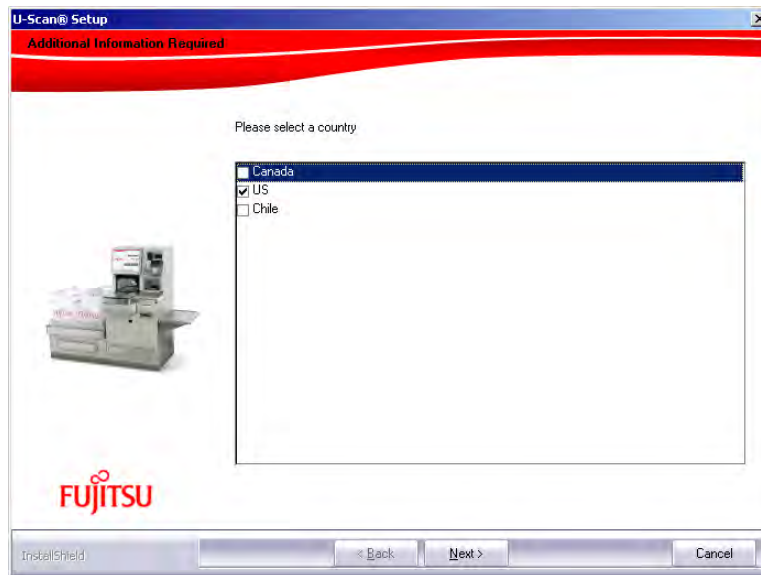
11)When the **Additional Information Required** screen displays, select the type of U-SCAN system. **Ex: Genesis Platform.**



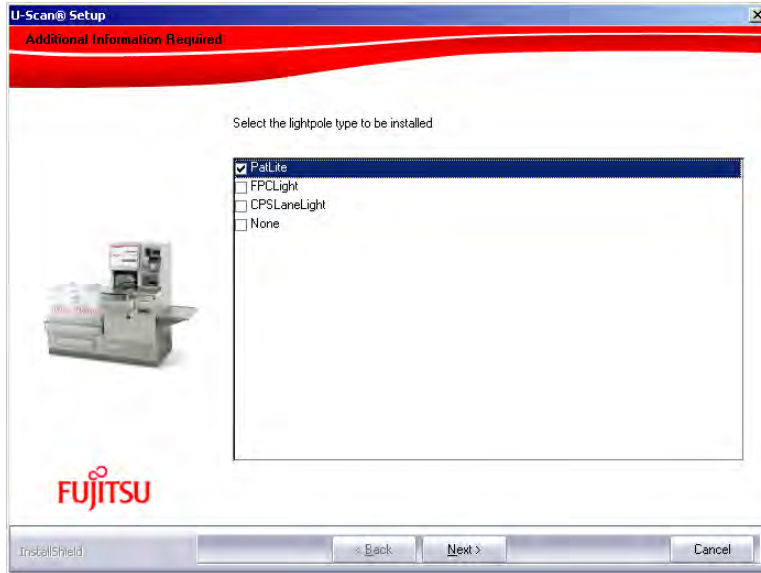
12)When the **Additional Information Required** screen displays, select **ScanMaster Version 2** and click **Next**.



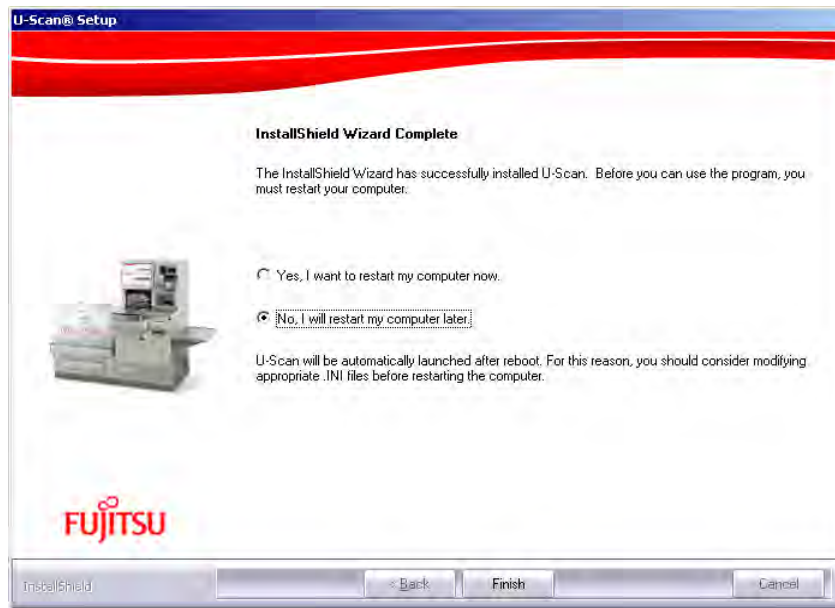
13) When the **Additional Information Required** screen appears, select the country and click **Next**.



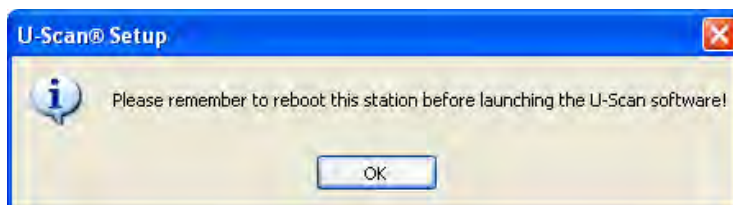
14) When the **Additional Information Required** screen appears, select the **Type of Pole Light** or **None**.



The software installs. When the installation is complete, the **Install Shield Wizard Complete** screen appears.



15) Click **Finish**. The following message displays:



16) Press **OK**. Remove the **Software Installation CD** from the CD-ROM drive.

17) Restart the Computer.

NOTE: Do NOT change the Computer Name in the System Properties after the software is installed.

Customizing the U-Scan Software

- 1) Close the Launchpad screen by touching **Exit Launchpad** to go to the desktop.
- 2) Go to Folder C:\Robot\Data
- 3) Drop the **logo.bmp** file that the store will be using for the U-Scan printer into this **C:\Robot\Data** folder
- 4) **NOTE:** This step only applies if you are using Mobile Attendant
Double Click on **Robot_MobileAttendant_ON.REG**
Click **Yes** to the Registry editor question
Click **OK** to the next Registry editor question
- 5) Click on **DealerConfig.exe**
- 6) Set up the settings that are to be used in the store and then exit the DealerConfig screen

Testing the Customer Station Hardware

NOTE: All devices MUST be configured through Device Tester. Making Device changes directly in the registry is no longer supported.

- 1) Go to **Start > Programs > Startup > Launchpad**.

The **Launchpad** displays.

- 2) Touch **Device Tester**.

The **Password** screen displays.

- 3) Enter **1379** and touch **OK**.

The **Device Tester** window appears.

- 4) In the **Customer Device Test** window, click the tab for the device you wish to test.

Check that the **DLL** is set to the correct device model.

NOTE: Example lab settings are as listed below in the tables but **may not apply to your particular hardware**. These are just examples and you need to know what hardware you are really working with.

- 5) Follow the steps below if you need to correct the **DLL** settings:
 - a. On the Computer keyboard, press **ALT ***. (The * key is on the number pad.) **Change** becomes enabled.
 - b. Click Change.
 - c. Click the arrow to display the **DLL Location** drop-down menu.
 - d. Select the appropriate **DLL** for the device.
NOTE: If the appropriate DLL is not in the drop-down list, click **Browse**, and then select the correct DLL.
 - e. Click Apply.
- 6) Test all the devices.
- 7) Click OK to exit the Device Tester.
- 8) Touch Exit Launchpad to return to the windows desktop

**EXAMPLE ONLY for TeamPoS 3000 U-Scan Genesis Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	F56BD.DLL	COM23	9600	EVEN	8	1
Bill Acceptor	CCMFL.DLL	COM20	9600	NONE	8	1
Coin Dispenser	TRANSACT.DLL	USB	9600	EVEN	7	1
Coin Acceptor	MCSR3.DLL	COM21	9600	NONE	8	1
Scanner Scale	MAGELLAN.DLL	COM2	9600	ODD	7	1
Bag Scale	SCALTRON.DLL	COM22	9600	EVEN	7	1
Printer	PRN7193.DLL	COM33	9600	NONE	8	1
CPN Detector	CPNDETECT.DLL	USB	n/a	n/a	n/a	n/a
Proximity Sensor	FUJITPS.DLL	USB	n/a	n/a	n/a	n/a
Light Pole	PATLITE.DLL	COM19	9600	NONE	8	1
Alarm Board	Alarm_Board.DLL	n/a	n/a	n/a	n/a	n/a

**EXAMPLE ONLY for TeamPoS 3600 U-Scan Genesis Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	Fujitsu F53 Bill Dispenser	COM5	9600	EVEN	8	1
Bill Acceptor	Cash Code SM Bill Acceptor	COM20	9600	NONE	8	1
Coin Dispenser	Telequip TFlex and Coin X	USB	9600	EVEN	7	1
Coin Acceptor	Microcoin QL3 Coin Acceptor	COM3	9600	NONE	8	1
Scanner Scale	Magellan Scanner Scale	COM2	9600	ODD	7	1
Bag Scale	SCALTRON Bag Scale	COM19	9600	EVEN	7	1
Printer	CT 10 Printer	COM33	9600	NONE	8	1
CPN Detector	Coupon Detector	USB	9600	NONE	8	1
Proximity Sensor	Proximity Sensor	USB	9600	NONE	8	1
Light Pole	PATLITE	COM 4 (Expansion port 2)	9600	NONE	8	1
Alarm Board	Alarm Board	COM24	9600	NONE	8	1

**EXAMPLE ONLY for U-Scan Max Single Station (SBU) Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	F56BD.DLL	COM9	9600	EVEN	8	1
Bill Acceptor	CCMFL.DLL	COM10	9600	NONE	8	1
Coin Dispenser	TRANSACT.DLL	COM3	9600	EVEN	7	1
Coin Acceptor	MF100C.DLL	COM7	9600	EVEN	7	1
Scanner Scale	NCR7875.DLL	COM5	9600	ODD	7	1
Bag Scale	RL_Beltscale.DLL	COM4	9600	EVEN	7	1
Printer	PRN7193.DLL	COM8	9600	NONE	8	1
CPN Detector	CPNDETECT.DLL	COM15	n/a	n/a	n/a	n/a
Belted Uscan Devices	MAXSBU.DLL	COM11	9600	NONE	8	1
Proximity Sensor	FUJITPS.DLL	COM17	9600	NONE	8	1

**EXAMPLE ONLY for U-Scan Scan and Bag Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	NMD50.DLL	COM9	9600	EVEN	7	2
Bill Acceptor	CASHCODE.DLL	COM10	9600	EVEN	7	1
Coin Dispenser	TRANSACT.DLL	COM3	9600	EVEN	7	1
Coin Acceptor	MF100C.DLL	COM7	9600	EVEN	7	1
Scanner Scale	NCR7875.DLL	COM5	9600	ODD	7	1
Bag Scale	SCALETRON.DLL	COM4	9600	EVEN	7	1
Printer	PRN7193.DLL	COM8	9600	NONE	8	1

Steps to Move ScanMaster Shortcut to the Startup folder prior to setting the Lane Number

- 1) To make a copy of the ScanMaster Icon, right click on icon on desktop and select COPY
- 2) Open Windows Explorer from the **Start Menu**.
- 3) Browse to C:\Documents and Settings\Robot\Start Menu\Programs\Startup and right click and select **Paste**.
- 4) Reboot U-Scan.

Do NOT change the Machine Name in the System Properties after the software is installed.

Setting the Customer Station Lane Number

- 1) On the Launchpad, click **Set Lane #**.

The **Enter the Lane Number** box appears.

- 2) Enter the lane number.

Normally the lane number would be the same number as the POS # that you entered earlier during the ScanMaster software installation.

3) Click **OK**.

Terminal Services begins loading options.

4) If Terminal Services does not start, restart the Computer.

Robot Control will start to verify the device status. A status icon (green light) is displayed.

5) Press the background to display the U-Scan software.

Customizing the Station in Maintenance Mode

1) Scan the Manager barcode on the Customer Station

2) Press the Manager Function button

3) Enter 01 and Enter

4) Press the Robot Maintenance button

5) Press the Custom Station Configuration button

6) Enter 159 and press done

7) Change the configuration to match the actual hardware setup

8) Press Exit Maintenance

9) Press Exit to return to normal operation

Performing Test Transactions

1) Scan three or four items.

2) Process at least two produce items using the Produce/Bulk/Bakery key.

3) Ring up items with quantity required flag set.

4) Purchase an age-restricted item such as alcohol or tobacco.

- 5) Scan a random weight or system 2 UPC.
- 6) Scan Large/Heavy item.
- 7) Ensure that the system behavior is correct for each type of purchase.
- 8) Pay with cash at the Attendant Station.
- 9) Sign off the lanes.

UPGRADES

Note: Any customizations done (ie. receipt logo, screen logo, customized files, etc) will need to be reinstalled. The weights database and reports database will be automatically backed up and restored if you allow U-Scan to detect and remove the prior U-Scan version. The NBC database will be restored if you are upgrading from a GMM5 to GMM5 version only. Follow the instructions below to make a backup of the weights database in case it is needed.

Backing Up the Weights Database

- 1) Go to any Customer Station.
- 2) Double-click **My Computer**.
- 3) Double-click **(C:)**.
- 4) Go to Robot > Data.
- 5) Right-click **weights.db**, then click **Copy**.
- 6) On the Windows desktop, go to **My Network Places**.
- 7) Locate and double-click the **Cashier** or the **Master Customer Station** depending on your U-Scan configuration.
- 8) Double-click the **C** folder on the **Cashier** or the **Master Customer Station** depending on your U-Scan configuration.
- 9) Right-click and select **New** to create a new folder on the C drive of the **Cashier** or the **Master Customer Station**.
- 10) Name the new folder **weightsbkp**.
- 11) Double-click the **weightsbkp** folder to open it.
- 12) Right-click and select **Paste**.
- 13) Verify that the file has been copied properly.

ATTENDANT STATION

Prerequisites

Gathering the Software Information

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

Gathering the Hardware Information

NOTE:

The below is based on the knowledge that you gained from attending the U-Scan hardware course and not from this document.

Type of U-Scan lane (NextGen, Genesis)

Type of lane configuration (Platform, Carousel or Belted)

Type of controller (Ciara, TP2000 or TP3000 XL)

Whether you are going to use a Mobile Attendant

Configurations (With Attendant, No Attendant, Master Customer Station and Customer Stations).

Type of Monitor and touch used (MicroTouch, EloTouch, RS232 or USB connected touch)

Upgrading the U-Scan Software

Note: You should have a copy of any custom logos or files that have changes made as they will not be restored after the upgrade.

Note: Due to PCI requirements, the GMM5 version of USCAN has put an emphasis on Security. The Robot User Password has changed as well as the Administrator ID and Password. The Robot User has limited access. On a new install you should continue installing as the Robot User. On an upgrade when GMM5 has already been installed you MUST login as Administrator User. To backup/restore databases the USCAN must be logged in as Administrator User. The dealer/IT department has the ability to change and maintain user's passwords for security. The default ID's and Passwords are as follow:

Robot/Cashier User

ID – Robot

Password – FtX5R0B0!

Administrator User

ID – FTXSService

Password – FtX5Adm!n

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

- 1) Login as FTXSService User.
- 2) Insert the U-Scan software installation CD into the CD-ROM drive.
- 3) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

- 4) Double-click the icon displaying a CD-ROM.

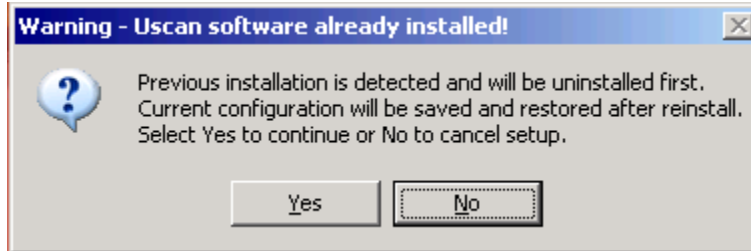
The list of the files on the CD appears.

- 5) Double-click **Setup.exe**.

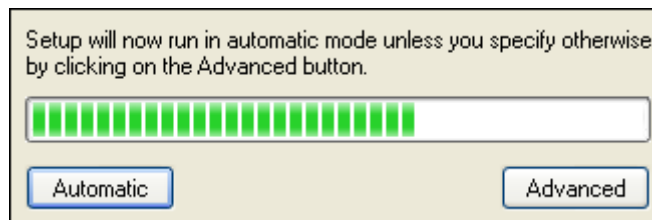
- 6) When the Welcome to the InstallShield wizard for U-Scan screen appears, click **Next**.



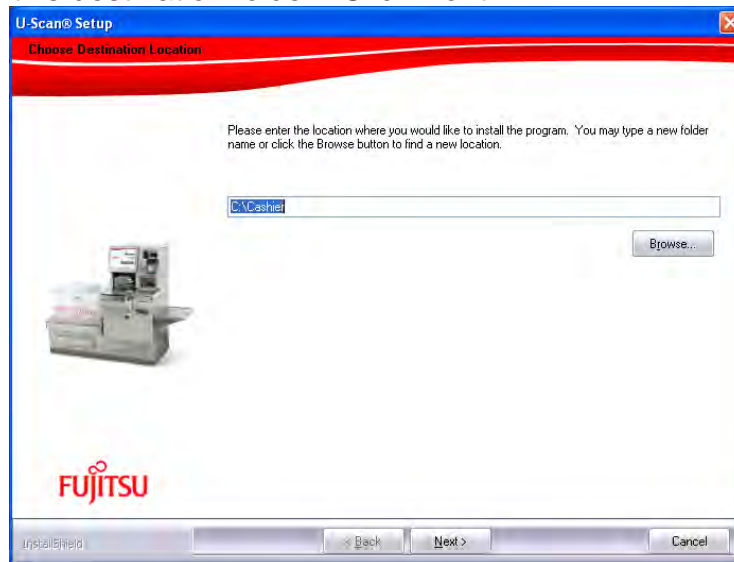
- 7) When the **Warning- Uscan software already installed!** message appears, click **Yes** to perform upgrade.



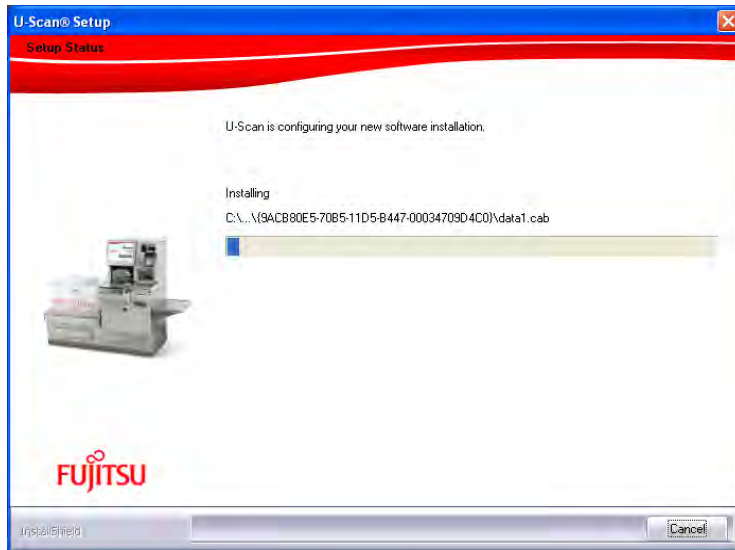
After U-Scan backs up and removes prior version the **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING**. The software installs automatically. Do **NOT** click **Advanced**.



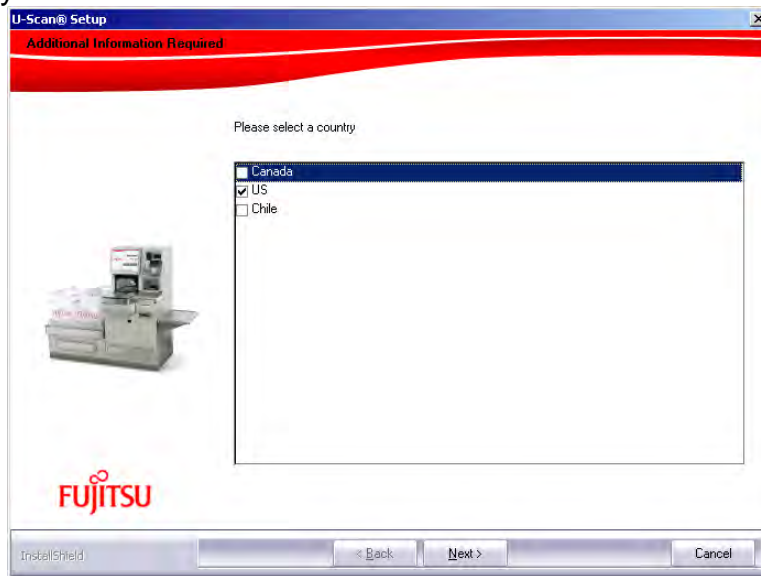
- 8) When the **Choose Destination Location** screen appears, a default destination folder is provided for the program (**C:\Cashier**). Do **NOT** change this destination folder. Click **Next**.



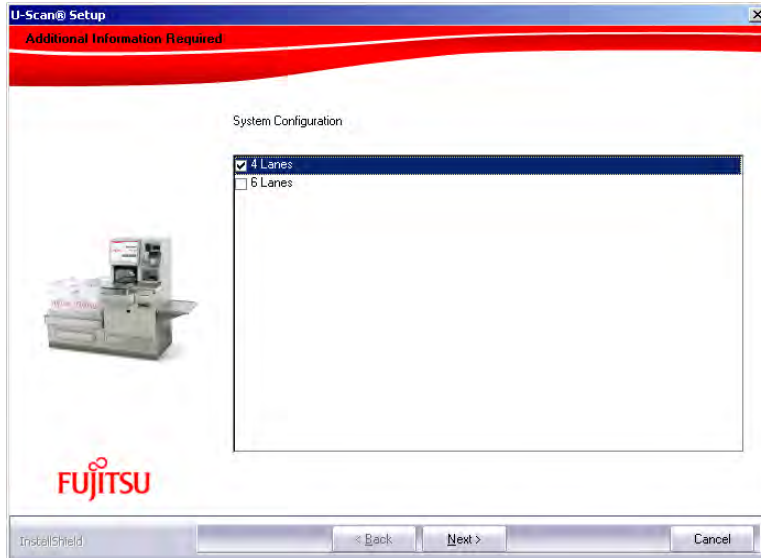
- 9) The **Setup Status** screen displays as the software is installed.



10)When the **Additional Information Required** screen appears, select the country and click **Next**.



11)When the **Additional Information Required** screen appears, select the system configuration and click **Next**.



12) The software installs. When the installation is complete, the **Install Shield Wizard Complete** screen appears.



13) Remove the U-SCAN Software Installation CD from the CD-ROM drive. Select **“Yes, I want to restart my computer now”** and click **Finish**.

NOTE: Do NOT change the Computer Name in the System Properties after the software is installed.

Testing the Cashier Station Hardware

NOTE: Device Settings should already be restored from upgrade. All devices MUST be configured through Device Tester. Making Device changes directly in the registry is no longer supported.

- 1) After the restart has finished above, touch the **Manager Button** in the top right of the screen to exit the Attendant monitoring screen.
- 2) Key 01 Done.
- 3) Touch the Exit Button in the list.
- 4) Touch the **YES Button** to the question **Are you sure?**
- 5) Touch **Device Tester**.

The **Password** screen displays.

- 6) Enter **1379** and touch **OK**.

The **Device Tester** window appears.

- 7) In the **Cashier Device Test** window, click the tab for the device you wish to test.

Check that the **DLL** is set to the correct device model.

NOTE: Example lab settings are as listed below in the tables but **may not apply to your particular hardware**. These are just examples and you need to know what hardware you are really working with.

- 8) Follow the steps below if you need to correct the **DLL** settings:
 - a. On the Computer keyboard, press **ALT ***. (The * key is on the number pad.) **Change** becomes enabled.
 - b. Click Change.
 - c. Click the arrow to display the **DLL Location** drop-down menu.
 - d. Select the appropriate **DLL** for the device.

NOTE: If the appropriate DLL is not in the drop-down list, click **Browse**, and then select the correct DLL.

- e. Click Apply.

- 9) Test all the devices.
- 10) Click OK to exit the Device Tester.

**EXAMPLE ONLY for the Ciara All in One Attendant Lab system
(May not apply to your particular hardware setup)**

Device	Name	COM	Baud	Parity	Data Bits	Stop Bits
Speaker	Speaker	N/A	N/A	N/A	N/A	N/A
Printer	NCR_7156	COM3	9600	NONE	8	1
Scanner	SYMBOL_DIRECT	COM4	9600	NONE	7	1

- 11) Touch Exit Launchpad
- 12) Click **Yes** to the question **Stop the Launchpad?**

Customizing the U-Scan Software

- 1) Go to the folder C:\Cashier\Data.
- 2) **NOTE:** This step only applies if you are using Mobile Attendant
Double Click on DC_Mobile_Attendant_ON.REG.
Click **Yes** to the Registry editor question.
Click **OK** to the next Registry editor question.
- 3) Exit the window.

Configuring the Cashier Configuration

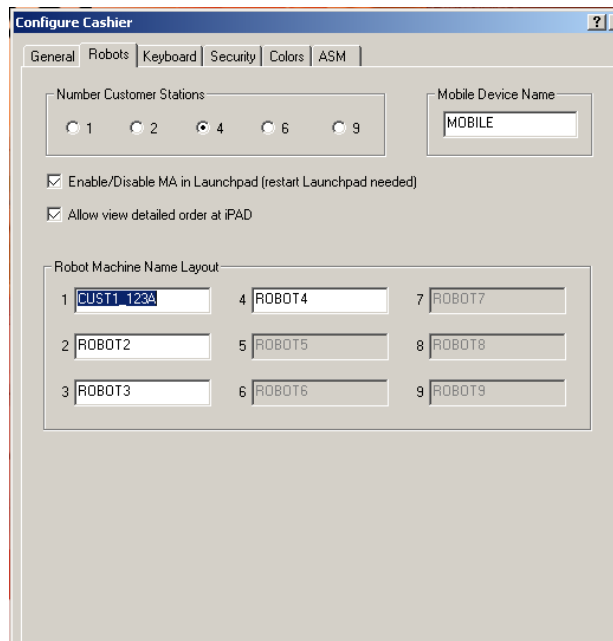
- 1) Double click the **U-Scan folder** on the desktop.
- 2) Double click the **Cashier Config** icon.
- 3) Click the **Robots tab**.
- 4) Select the Number of Customer Stations.
- 5) Leave the Mobile Device Name as MOBILE.

6) **Note:** This step is only done if using Mobile Attendant.

Click **both the Enable/Disable MA in Launchpad** and click **Allow view detailed order at iPad**.

7) Key in the Robot Machine Name Layout.

8) Click, Ok.



9) Restart the Computer.

MASTER CUSTOMER STATION

Prerequisites

Gathering the Software Information

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

Gathering the Hardware Information

NOTE:

The below is based on the knowledge that you gained from attending the U-Scan hardware course and not from this document.

Type of U-Scan lane (NextGen, Genesis)

Type of lane configuration (Platform, Carousel or Belted)

Type of controller (Ciara, TP2000 or TP3000 XL)

Whether you are going to use a Mobile Attendant

Configurations (With Attendant, No Attendant, Master Customer Station and Customer Stations).

Type of Monitor and touch used (MicroTouch, EloTouch, RS232 or USB connected touch)

Upgrading the U-Scan Software

Note: Due to PCI requirements, the GMM5 version of USCAN has put an emphasis on Security. The Robot User Password has changed as well as the Administrator ID and Password. The Robot User has limited access. On a new install you should continue installing as the Robot User. On an upgrade when GMM5 has already been installed you MUST login as Administrator. To backup/restore databases the USCAN must be logged in as Administrator. The dealer/IT department has the ability to change and maintain user's passwords for security. The default ID's and Passwords are as follow:

Robot/Cashier User

ID – Robot

Password – FtX5R0B0!

Administrator User

ID – FTXSService

Password – FtX5Adm!n

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

- 1) Login as FTXSService User.
- 2) Insert the U-Scan software installation CD into the CD-ROM drive.
- 3) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

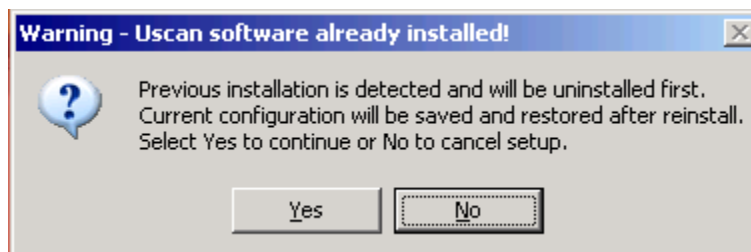
- 4) Double-click the icon displaying a CD-ROM.

The list of the files on the CD appears.

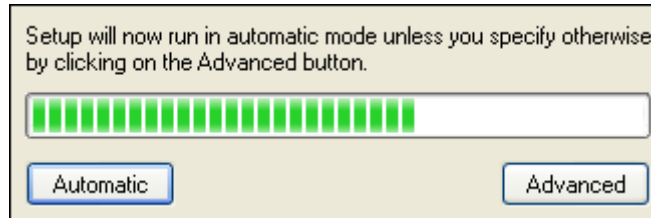
- 5) Double-click **Setup.exe**.
- 6) When the Welcome to the InstallShield wizard for U-Scan screen appears, click **Next**.



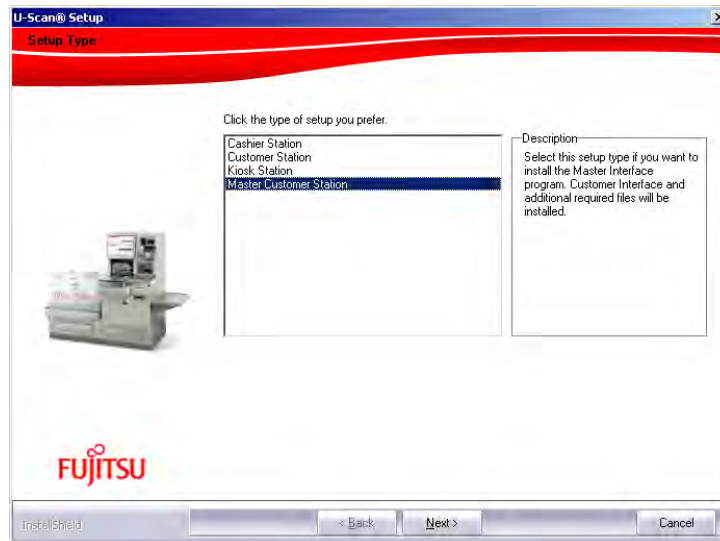
- 7) When the **Warning- Uscan software already installed!** message appears, click **Yes** to perform upgrade.



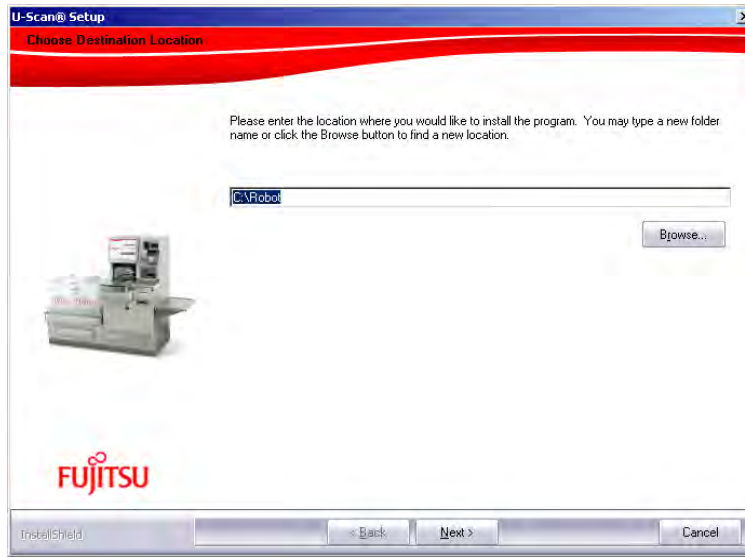
After U-Scan backs up and removes prior version the **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING**. The software installs automatically. Do **NOT** click **Advanced**.



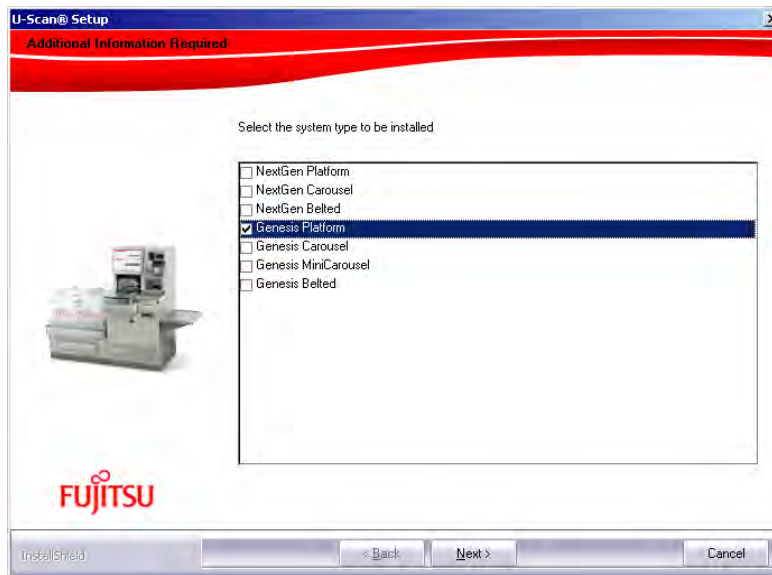
- 8) When the **Setup type** screen appears, select **Master Customer Station** then click **Next**.



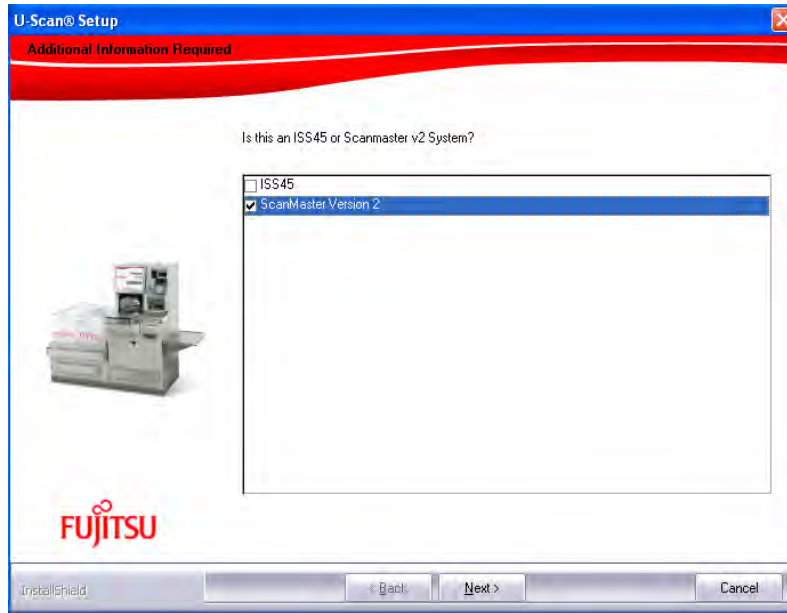
- 9) When the **Choose Destination Location** screen appears, a default destination folder is provided for the program (**C:\Robot**). Do **NOT** change this destination folder. Click **Next**.



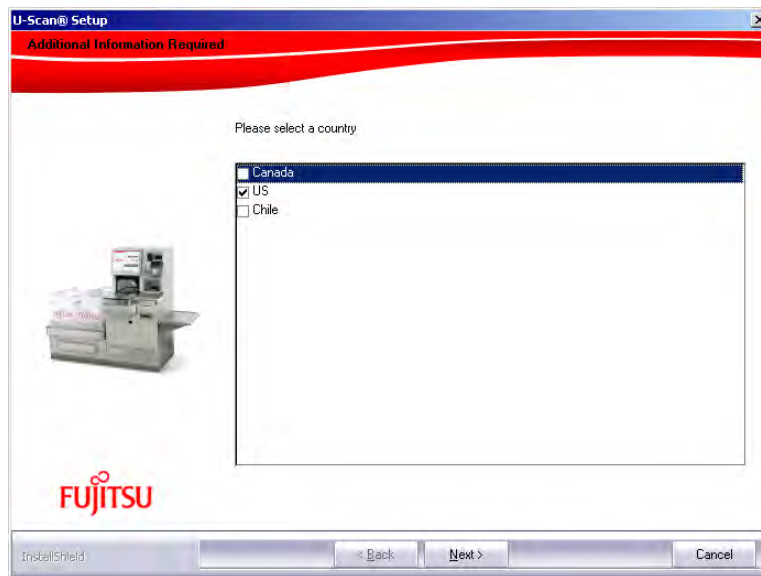
10) When the **Additional Information Required** screen appears, select the type of U-SCAN system. **Ex: NextGen Platform**



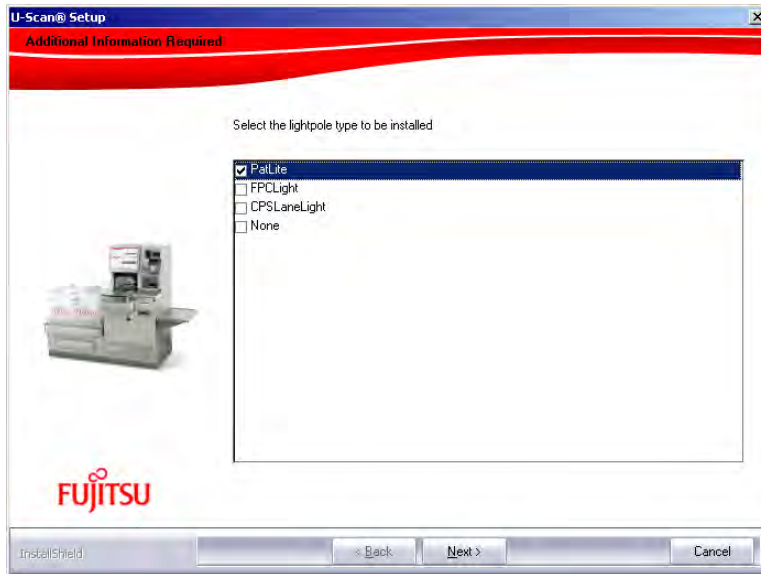
11) When the **Additional Information Required** screen appears, select **ScanMaster** and click **Next**.



12) When the next **Additional Information Required** screen appears, select **US, Canada or Chile** and click **Next**.



13) When the **Additional Information Required** screen appears, select the **Type of Pole light** and click **Next**.

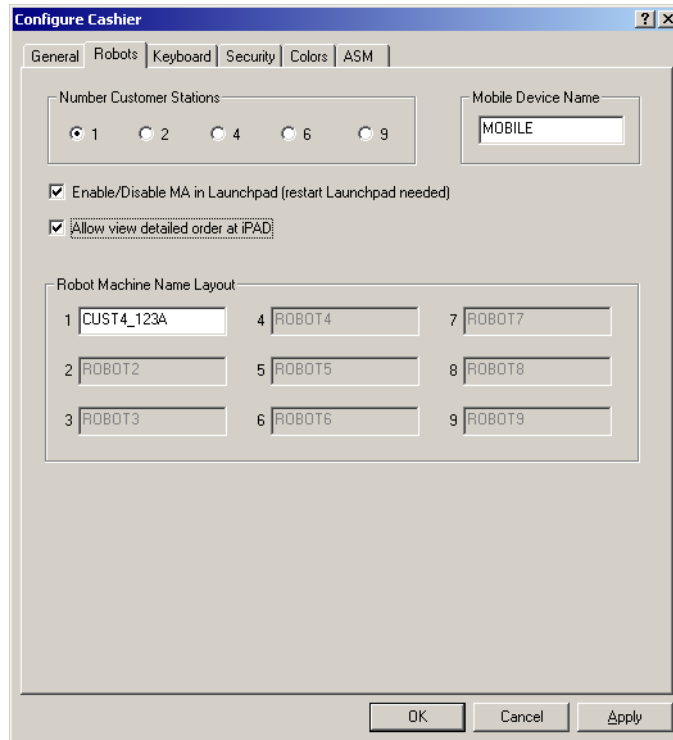


NOTE: ENTER A PASSWORD OF 1379 (AND PRESS OK) TO CONTINUE TO THE CONFIGURE CASHIER SCREEN.

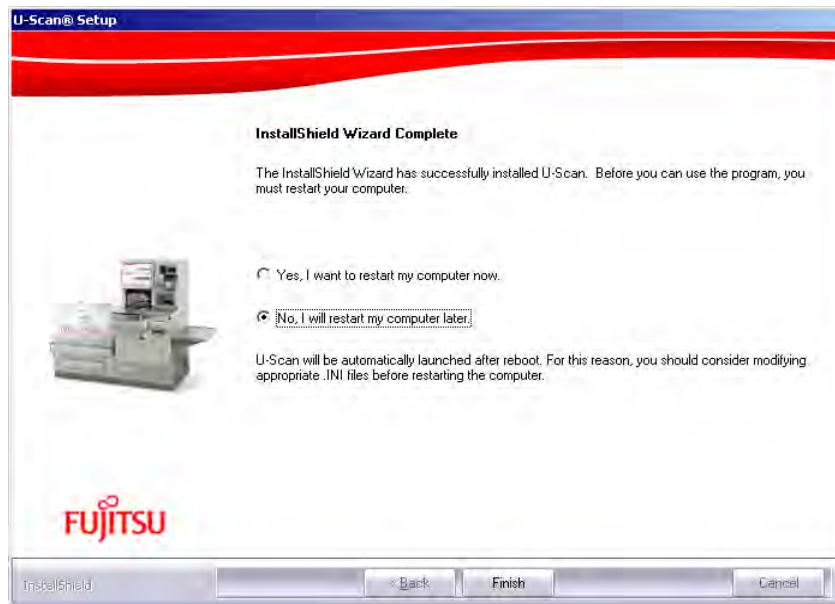


SELECT THE ROBOTS TAB AND CONFIRM THE FOLLOWING SELECTIONS ARE MADE: Number of Customer Stations, Enable/Disable MA in Launchpad and Allow view detailed order at iPad.

Note: Put in the name of the Robots. Position 1 should have the name of the Master Customer Station. The example in this document is CUST4_123A.

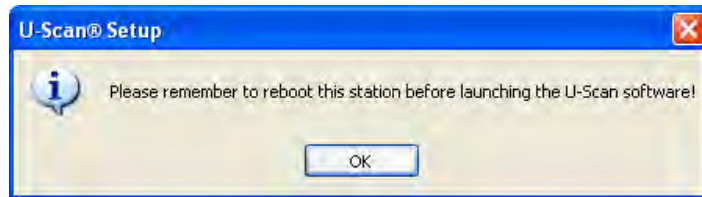


Press **OK**. When the installation is complete, the **Install Shield Wizard Complete** screen appears.



14) Select **“No, I will restart my computer later”**.

15) Click **Finish**. The following message displays:



16) Press **OK**. Remove the U-Scan Software Installation CD from the CD-ROM drive.

NOTE: Do NOT change the Computer Name in the System Properties after the software is installed.

Customizing the U-Scan Software

- 1) Go to Folder C:\Robot\Data.
- 2) Drop the **logo.bmp** file that the store will be using for the U-Scan printer into this **C:\Robot\Data** folder.
- 3) Double Click on **Robot_MobileAttendant_ON.REG**.
Click **Yes** to the Registry editor question.
Click **OK** to the next Registry editor question.
- 4) Click on **DealerConfig.exe**.
- 5) Set up the settings that are to be used in the store and then exit the DealerConfig screen.

Testing the Customer Station Hardware

NOTE: Device Settings should already be restored from upgrade.
All devices MUST be configured through Device Tester. Making Device changes directly in the registry is no longer supported.

- 1) Go to **Start > Programs > Startup > Launchpad**.

The **Launchpad** displays.

- 2) Touch **Device Tester**.

The **Password** screen displays.

- 3) Enter **1379** and touch **OK**.

The **Device Tester** window appears.

- 4) In the **Customer Device Test** window, click the tab for the device you wish to test.

Check that the **DLL** is set to the correct device model.

NOTE: Example lab settings are as listed below in the tables but **may not apply to your particular hardware**. These are just examples and you need to know what hardware you are really working with.

- 5) Follow the steps below if you need to correct the **DLL** settings:
 - a. On the Computer keyboard, press **ALT ***. (The * key is on the number pad.) **Change** becomes enabled.
 - b. Click Change.
 - c. Click the arrow to display the **DLL Location** drop-down menu.
 - d. Select the appropriate **DLL** for the device.

NOTE: If the appropriate DLL is not in the drop-down list, click **Browse**, and then select the correct DLL.

- e. Click Apply.
- 6) Test all the devices.
- 7) Click OK to exit the Device Tester.

**EXAMPLE ONLY for TeamPoS 3000 U-Scan Genesis Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	F56BD.DLL	COM23	9600	EVEN	8	1
Bill Acceptor	CCMFL.DLL	COM20	9600	NONE	8	1
Coin Dispenser	TRANSACT.DLL	USB	9600	EVEN	7	1
Coin Acceptor	MCSR3.DLL	COM21	9600	NONE	8	1
Scanner Scale	MAGELLAN.DLL	COM2	9600	ODD	7	1
Bag Scale	SCALTRON.DLL	COM22	9600	EVEN	7	1
Printer	PRN7193.DLL	COM33	9600	NONE	8	1
CPN Detector	CPNDETECT.DLL	USB	n/a	n/a	n/a	n/a
Proximity Sensor	FUJITPS.DLL	USB	n/a	n/a	n/a	n/a
Light Pole	PATLITE.DLL	COM19	9600	NONE	8	1
Alarm Board	Alarm_Board.DLL	n/a	n/a	n/a	n/a	n/a

**EXAMPLE ONLY for TeamPoS 3600 U-Scan Genesis Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	Fujitsu F53 Bill Dispenser	COM5	9600	EVEN	8	1
Bill Acceptor	Cash Code SM Bill Acceptor	COM20	9600	NONE	8	1
Coin Dispenser	Telequip TFlex and Coin X	USB	9600	EVEN	7	1
Coin Acceptor	Microcoin QL3 Coin Acceptor	COM3	9600	NONE	8	1
Scanner Scale	Magellan Scanner Scale	COM2	9600	ODD	7	1
Bag Scale	SCALTRON Bag Scale	COM19	9600	EVEN	7	1
Printer	CT 10 Printer	COM33	9600	NONE	8	1
CPN Detector	Coupon Detector	USB	9600	NONE	8	1
Proximity Sensor	Proximity Sensor	USB	9600	NONE	8	1
Light Pole	PATLITE	COM 4 (Expansion port 2)	9600	NONE	8	1
Alarm Board	Alarm Board	COM24	9600	NONE	8	1

**EXAMPLE ONLY for U-Scan Max Single Station (SBU) Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	F56BD.DLL	COM9	9600	EVEN	8	1
Bill Acceptor	CCMFL.DLL	COM10	9600	NONE	8	1
Coin Dispenser	TRANSACT.DLL	COM3	9600	EVEN	7	1
Coin Acceptor	MF100C.DLL	COM7	9600	EVEN	7	1
Scanner Scale	NCR7875.DLL	COM5	9600	ODD	7	1
Bag Scale	RL_Beltscale.DLL	COM4	9600	EVEN	7	1
Printer	PRN7193.DLL	COM8	9600	NONE	8	1
CPN Detector	CPNDETECT.DLL	COM15	n/a	n/a	n/a	n/a

Belted UsScan Devices	MAXSBU.DLL	COM11	9600	NONE	8	1
Proximity Sensor	FUJITPS.DLL	COM17	9600	NONE	8	1

**EXAMPLE ONLY for U-Scan Scan and Bag Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	NMD50.DLL	COM9	9600	EVEN	7	2
Bill Acceptor	CASHCODE.DLL	COM10	9600	EVEN	7	1
Coin Dispenser	TRANSACT.DLL	COM3	9600	EVEN	7	1
Coin Acceptor	MF100C.DLL	COM7	9600	EVEN	7	1
Scanner Scale	NCR7875.DLL	COM5	9600	ODD	7	1
Bag Scale	SCALETRON.DLL	COM4	9600	EVEN	7	1
Printer	PRN7193.DLL	COM8	9600	NONE	8	1

Do NOT change the Machine Name in the System Properties after the software is installed.

Setting the Customer Station Lane Number

Note: Lane # should already be set from upgrade.

- 1) On the Launchpad, click **Set Lane #**.

The **Enter the Lane Number** box appears.

- 2) Enter the lane number.

Normally the lane number would be the same number as the POS # that you entered earlier during the ScanMaster software installation.

- 3) Click **OK**.

Terminal Services begins loading options.

4) If Terminal Services does not start, restart the Computer.

Robot Control will start to verify the device status. A status icon (green light) is displayed.

5) Press the background to display the U-Scan software.

Customizing the Station in Maintenance Mode

1) Scan the Manager barcode on the Customer Station.

2) Press the Manager Function button.

3) Enter 01 and Done.

4) Press the Robot Maintenance button.

5) Press the Custom Station Configuration button.

6) Enter 159 and press done.

7) Change the configuration to match the actual hardware setup.

8) Press Exit Maintenance.

9) Press Exit to return to normal operation.

Performing Test Transactions

1) Scan three or four items.

2) Process at least two produce items using the Produce/Bulk/Bakery key.

3) Ring up items with quantity required flag set.

4) Purchase an age-restricted item such as alcohol or tobacco.

5) Scan a random weight or system 2 UPC.

6) Scan Large/Heavy item.

7) Ensure that the system behavior is correct for each type of purchase.

8) Pay with cash at the Attendant Station.

9) Sign off the lanes.

Restoring the Weights Database

Note: These steps can be skipped if you performed an upgrade.

- 1) Go to any Customer Station.
- 2) On the Windows desktop, go to **My Network Places**.
- 3) Locate and double-click the **Cashier** Computer.
- 4) Go to **C:\weightsbkp** on the **Cashier** Computer.
- 5) Double-click **weights.db**, then click **Copy**.
- 6) Close the Explorer window.
- 7) On the Windows desktop, double-click **My Computer**.
- 8) Double-click **(C:)**.
- 9) Go to Robot > Data.
- 10) Right-click inside the folder and select **Paste**.
- 11) Verify that the file has been copied properly.
- 12) Perform the steps above at the remaining Customer Stations.

CUSTOMER STATION SETUP WITH NO ATTENDANT STATION

Note: This requires the Master Customer Station and Mobile Attendant to be installed

Prerequisites

Gathering the Software Information

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

Gathering the Hardware Information

NOTE:

The below is based on the knowledge that you gained from attending the U-Scan hardware course and not from this document.

Type of U-Scan lane (NextGen, Genesis)

Type of lane configuration (Platform, Carousel or Belted)

Type of controller (Ciara, TP2000 or TP3000 XL)

Whether you are going to use a Mobile Attendant

Configurations (With Attendant, No Attendant, Master Customer Station and Customer Stations.

Type of Monitor and touch used (MicroTouch, EloTouch, RS232 or USB connected touch)

Upgrading the U-Scan Software

Note: Due to PCI requirements, the GMM5 version of USCAN has put an emphasis on Security. The Robot User Password has changed as well as the Administrator ID and Password. The Robot User has limited access. On a new install you should continue installing as the Robot User. On an upgrade when GMM5 has already been installed you MUST login as Administrator. To backup/restore databases the USCAN must be logged in as Administrator. The dealer/IT department has the ability to change and maintain user's passwords for security. The default ID's and Passwords are as follow:

Robot/Cashier User

ID – Robot

Password – FtX5R0B0!

Administrator User

ID – FTXSService

Password – FtX5Adm!n

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

- 1) Login as FTXSService User.
- 2) Insert the U-Scan software installation CD into the CD-ROM drive.
- 3) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

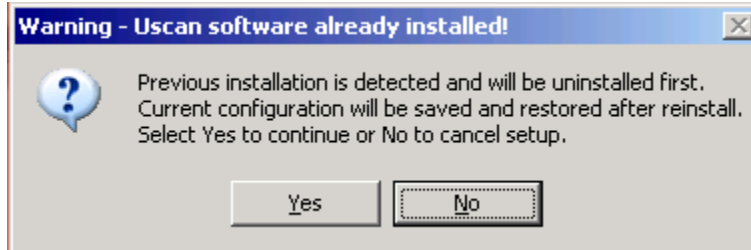
- 4) Double-click the icon displaying a CD-ROM.

The list of the files on the CD appears.

- 5) Double-click **Setup.exe**.
- 6) When the Welcome to the InstallShield wizard for U-Scan screen appears, click **Next**.

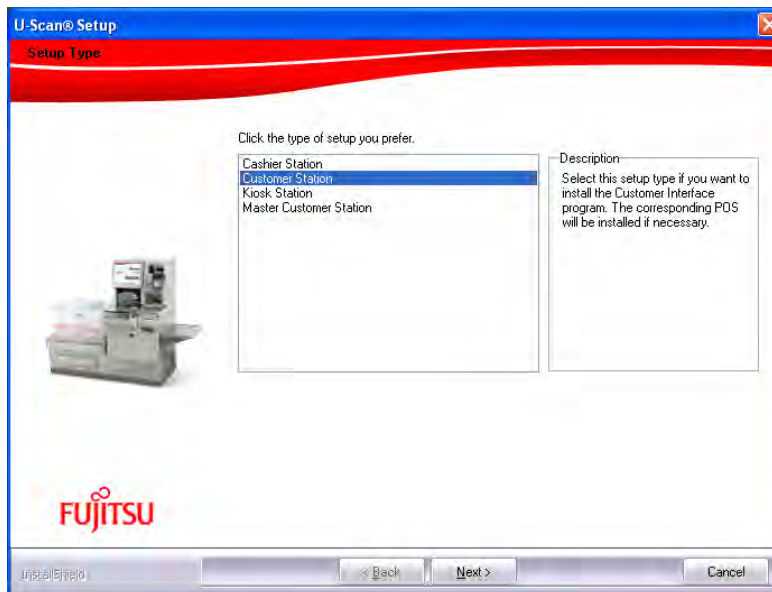


- 7) When the **Warning- Uscan software already installed!** message appears, click **Yes** to perform upgrade.

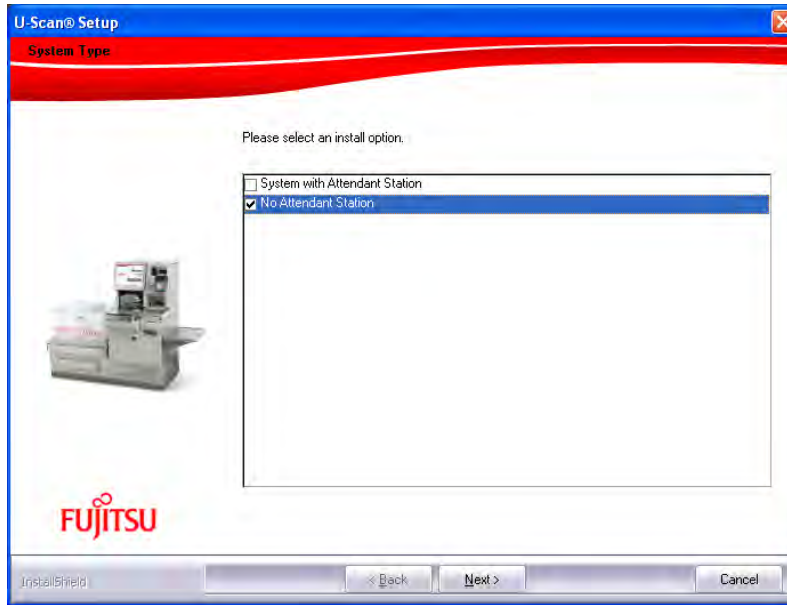


After U-Scan backs up and removes prior version the **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING**. The software installs automatically. Do **NOT** click **Advanced**.

- 8) When the **Setup type** screen appears, select **Customer Station** and click **Next**.



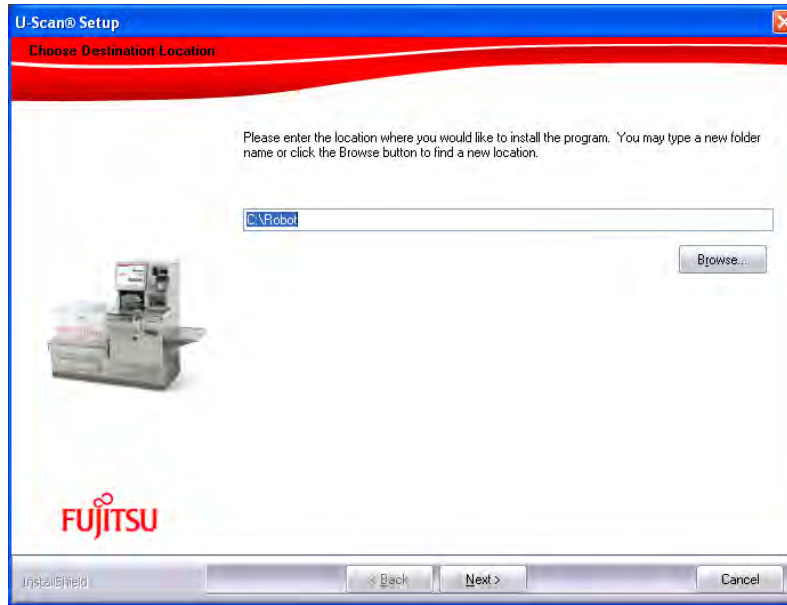
- 9) When the **System Type** screen appears, select **No Attendant Station** and click **Next**.



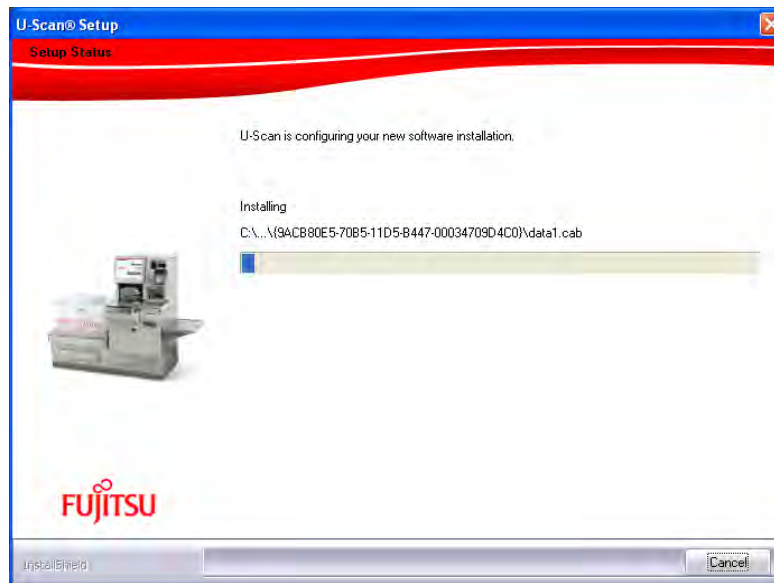
10) When the **Extra Information Required** screen appears, type the name of the Master station (Example CUST1_123A) and click **Next**.



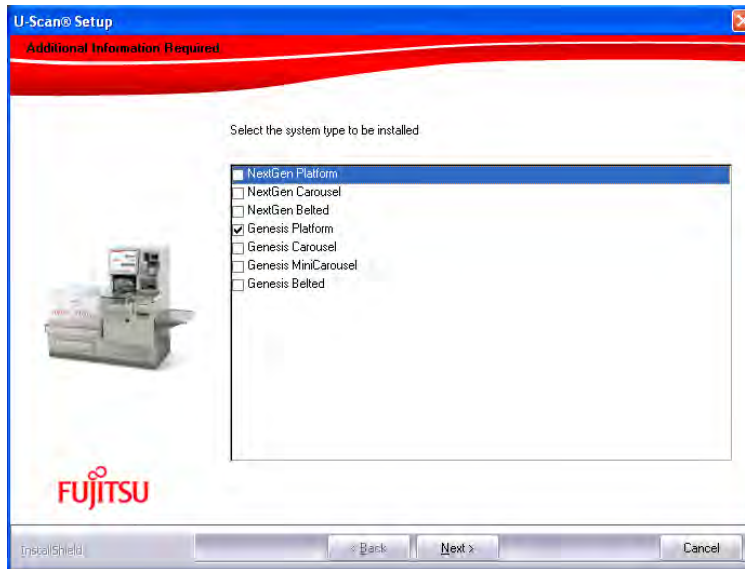
11) When the **Choose Destination Location** screen appears, a default destination folder is provided for the program (**C:\Robot**). Do **NOT** change this destination folder. Click **Next**.



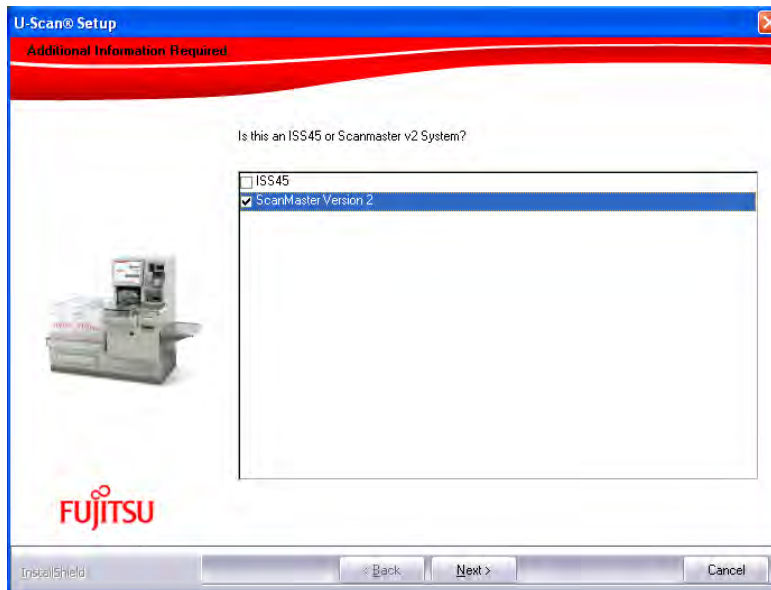
12)The **Setup Status** screen displays as the software is installed.



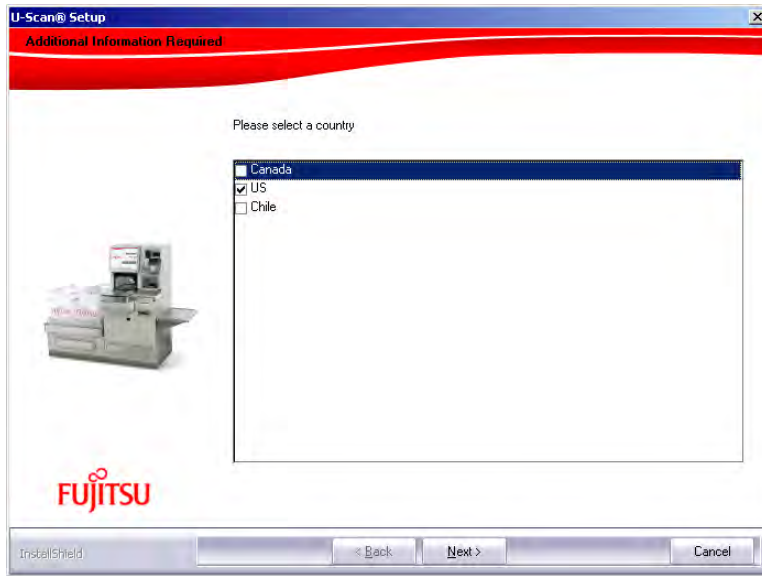
13)When the **Additional Information Required** screen displays, select the type of U-SCAN system. **Ex: Genesis Platform.**



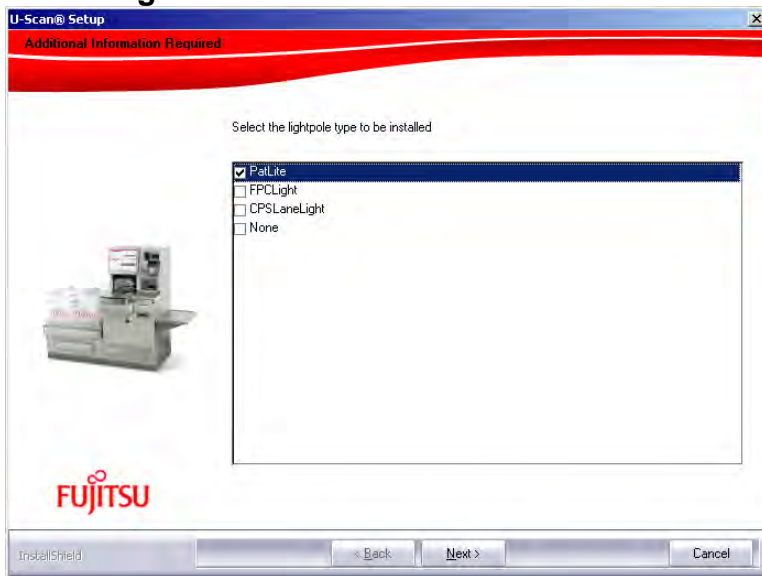
14) When the **Additional Information Required** screen displays, select **ScanMaster Version 2** and click **Next**.



15) When the **Additional Information Required** screen appears, select the country and click **Next**.



16) When the **Additional Information Required** screen appears, select the **Type of Pole Light** or **None**.

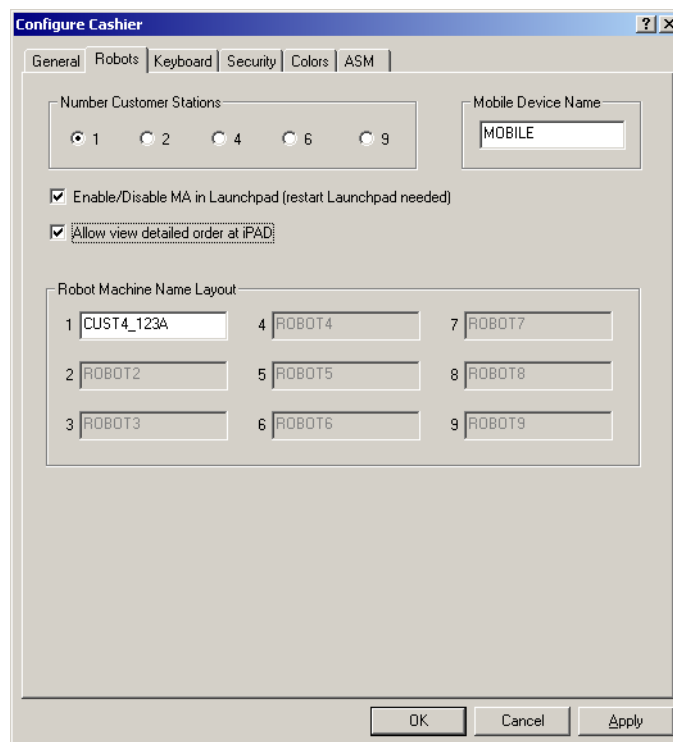


NOTE: ENTER A PASSWORD OF 1379 (AND PRESS OK) TO CONTINUE TO THE CONFIGURE CASHIER SCREEN.

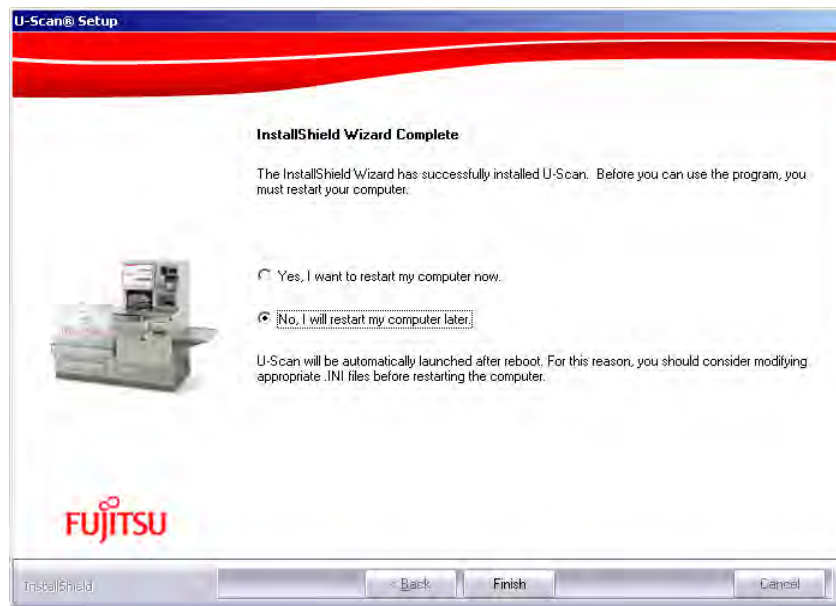


SELECT THE ROBOTS TAB AND CONFIRM THE FOLLOWING SELECTIONS ARE MADE: Number of Customer Stations, Enable/Disable MA in Launchpad and Allow view detailed order at iPad.

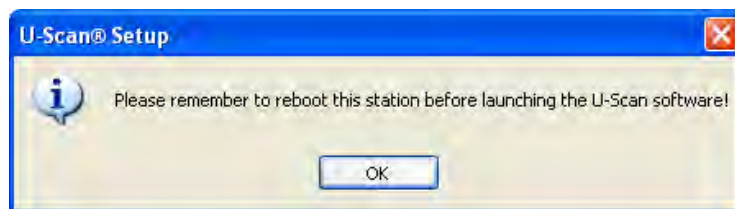
Note: Put in the name of the Robots. Position 1 should have the name of the Master Customer Station. The example in this document is CUST4_123A.



Press **OK**. The software installs. When the installation is complete, the **Install Shield Wizard Complete** screen appears.



17) Click **Finish**. The following message displays.



18) Press **OK**. Remove the **Software Installation CD** from the CD-ROM drive.

NOTE: Do NOT change the Computer Name in the System Properties after the software is installed.

Customizing the U-Scan Software

- 1) Go to Folder C:\Robot\Data.
- 2) Drop the **logo.bmp** file that the store will be using for the U-Scan printer into this **C:\Robot\Data** folder.
- 3) Double Click on **Robot_MobileAttendant_ON.REG**
Click **Yes** to the Registry editor question.
Click **OK** to the next Registry editor question.

- 4) Click on **DealerConfig.exe**
- 5) Set up the settings that are to be used in the store and then exit the DealerConfig screen.

Testing the Customer Station Hardware

NOTE: Device Settings should already be restored from upgrade. All devices MUST be configured through Device Tester. Making Device changes directly in the registry is no longer supported.

- 1) Go to **Start > Programs > Startup > Launchpad**.

The **Launchpad** displays.

- 2) Touch **Device Tester**.

The **Password** screen displays.

- 3) Enter **1379** and touch **OK**.

The **Device Tester** window appears.

- 4) In the **Customer Device Test** window, click the tab for the device you wish to test.

Check that the **DLL** is set to the correct device model.

NOTE: Example lab settings are as listed below in the tables but **may not apply to your particular hardware**. These are just examples and you need to know what hardware you are really working with.

- 5) Follow the steps below if you need to correct the **DLL** settings:
 - a. On the Computer keyboard, press **ALT ***. (The * key is on the number pad.) **Change** becomes enabled.
 - b. Click Change.
 - c. Click the arrow to display the **DLL Location** drop-down menu.
 - d. Select the appropriate **DLL** for the device.

NOTE: If the appropriate DLL is not in the drop-down list, click **Browse**, and then select the correct DLL.

- e. Click Apply.
- 6) Test all the devices.
- 7) Click OK to exit the Device Tester.

**EXAMPLE ONLY for TeamPoS 3000 U-Scan Genesis Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	F56BD.DLL	COM23	9600	EVEN	8	1
Bill Acceptor	CCMFL.DLL	COM20	9600	NONE	8	1
Coin Dispenser	TRANSACT.DLL	USB	9600	EVEN	7	1
Coin Acceptor	MCSR3.DLL	COM21	9600	NONE	8	1
Scanner Scale	MAGELLAN.DLL	COM2	9600	ODD	7	1
Bag Scale	SCALTRON.DLL	COM22	9600	EVEN	7	1
Printer	PRN7193.DLL	COM33	9600	NONE	8	1
CPN Detector	CPNDETECT.DLL	USB	n/a	n/a	n/a	n/a
Proximity Sensor	FUJITPS.DLL	USB	n/a	n/a	n/a	n/a
Light Pole	PATLITE.DLL	COM19	9600	NONE	8	1
Alarm Board	Alarm_Board.DLL	n/a	n/a	n/a	n/a	n/a

**EXAMPLE ONLY for TeamPoS 3600 U-Scan Genesis Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	Fujitsu F53 Bill Dispenser	COM5	9600	EVEN	8	1
Bill Acceptor	Cash Code SM Bill Acceptor	COM20	9600	NONE	8	1
Coin Dispenser	Telequip TFlex and Coin X	USB	9600	EVEN	7	1
Coin Acceptor	Microcoin QL3 Coin Acceptor	COM3	9600	NONE	8	1

Scanner Scale	Magellan Scanner Scale	COM2	9600	ODD	7	1
Bag Scale	SCALTRON Bag Scale	COM19	9600	EVEN	7	1
Printer	CT 10 Printer	COM33	9600	NONE	8	1
CPN Detector	Coupon Detector	USB	9600	NONE	8	1
Proximity Sensor	Proximity Sensor	USB	9600	NONE	8	1
Light Pole	PATLITE	COM 4 (Expansion port 2)	9600	NONE	8	1
Alarm Board	Alarm Board	COM24	9600	NONE	8	1

**EXAMPLE ONLY for U-Scan Max Single Station (SBU) Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	F56BD.DLL	COM9	9600	EVEN	8	1
Bill Acceptor	CCMFL.DLL	COM10	9600	NONE	8	1
Coin Dispenser	TRANSACT.DLL	COM3	9600	EVEN	7	1
Coin Acceptor	MF100C.DLL	COM7	9600	EVEN	7	1
Scanner Scale	NCR7875.DLL	COM5	9600	ODD	7	1
Bag Scale	RL_Beltscale.DLL	COM4	9600	EVEN	7	1
Printer	PRN7193.DLL	COM8	9600	NONE	8	1
CPN Detector	CPNDETECT.DLL	COM15	n/a	n/a	n/a	n/a
Belted Usan Devices	MAXSBU.DLL	COM11	9600	NONE	8	1
Proximity Sensor	FUJITPS.DLL	COM17	9600	NONE	8	1

**EXAMPLE ONLY for U-Scan Scan and Bag Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	NMD50.DLL	COM9	9600	EVEN	7	2
Bill Acceptor	CASHCODE.DLL	COM10	9600	EVEN	7	1
Coin Dispenser	TRANSACT.DLL	COM3	9600	EVEN	7	1
Coin Acceptor	MF100C.DLL	COM7	9600	EVEN	7	1
Scanner Scale	NCR7875.DLL	COM5	9600	ODD	7	1
Bag Scale	SCALETRON.DLL	COM4	9600	EVEN	7	1
Printer	PRN7193.DLL	COM8	9600	NONE	8	1

Do NOT change the Machine Name in the System Properties after the software is installed.

Setting the Customer Station Lane Number

Note: Lane # should already be set during the upgrade.

- 1) On the Launchpad, click **Set Lane #**.

The **Enter the Lane Number** box appears.

- 2) Enter the lane number.

Normally the lane number would be the same number as the POS # that you entered earlier during the ScanMaster software installation you noted earlier.

- 3) Click **OK**.

Terminal Services begins loading options.

- 4) If Terminal Services does not start, restart the Computer.

Robot Control will start to verify the device status. A status icon (green light) is displayed.

- 5) Press the background to display the U-Scan software.

Customizing the Station in Maintenance Mode

- 1) Scan the Manager barcode on the Customer Station.
- 2) Press the Manager Function button.
- 3) Enter 01 and Done.
- 4) Press the Robot Maintenance button.
- 5) Press the Custom Station Configuration button.
- 6) Enter 159 and press done.
- 7) Change the configuration to match the actual hardware setup.
- 8) Press Exit Maintenance.
- 9) Press Exit to return to normal operation.

Performing Test Transactions

- 1) Scan three or four items.
- 2) Process at least two produce items using the Produce/Bulk/Bakery key.
- 3) Ring up items with quantity required flag set.
- 4) Purchase an age-restricted item such as alcohol or tobacco.
- 5) Scan a random weight or system 2 UPC.
- 6) Scan Large/Heavy item.
- 7) Ensure that the system behavior is correct for each type of purchase.
- 8) Pay with cash at the Attendant Station.
- 9) Sign off the lanes.

Restoring the Weights Database

Note: These steps can be skipped if you performed an upgrade.

- 1) Go to any Customer Station.
- 2) On the Windows desktop, go to **My Network Places**.
- 3) Locate and double-click the **Cashier** Computer.
- 4) Go to **C:\weightsbkp** on the **Cashier** Computer.
- 5) Double-click **weights.db**, then click **Copy**.
- 6) Close the Explorer window.
- 7) On the Windows desktop, double-click **My Computer**.
- 8) Double-click **(C:)**.
- 9) Go to Robot > Data.
- 10) Right-click inside the folder and select **Paste**.
- 11) Verify that the file has been copied properly.
- 12) Perform the steps above at the remaining Customer Stations.

CUSTOMER STATION SETUP WITH ATTENDANT STATION

Prerequisites

Gathering the Software Information

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

Gathering the Hardware Information

NOTE:

The below is based on the knowledge that you gained from attending the U-Scan hardware course and not from this document.

Type of U-Scan lane (NextGen, Genesis)

Type of lane configuration (Platform, Carousel or Belted)

Type of controller (Ciara, TP2000 or TP3000 XL)

Whether you are going to use a Mobile Attendant

Configurations (With Attendant, No Attendant, Master Customer Station and Customer Stations.

Type of Monitor and touch used (MicroTouch, EloTouch, RS232 or USB connected touch)

Upgrading the U-Scan Software

Note: Due to PCI requirements, the GMM5 version of USCAN has put an emphasis on Security. The Robot User Password has changed as well as the Administrator ID and Password. The Robot User has limited access. On a new install you should continue installing as the Robot User. On an upgrade when GMM5 has already been installed you MUST login as Administrator. To backup/restore databases the USCAN must be logged in as Administrator. The dealer/IT department has the ability to change and maintain user's passwords for security. The default ID's and Passwords are as follow:

Robot/Cashier User

ID – Robot

Password – FtX5R0B0!

Administrator User

ID – FTXSService

Password – FtX5Adm!n

Ensure You Have the Correct U-Scan CD

- 89000698 U-Scan GMM5

- 1) Login as FTXSService User.
- 2) Insert the U-Scan software installation CD into the CD-ROM drive.
- 3) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

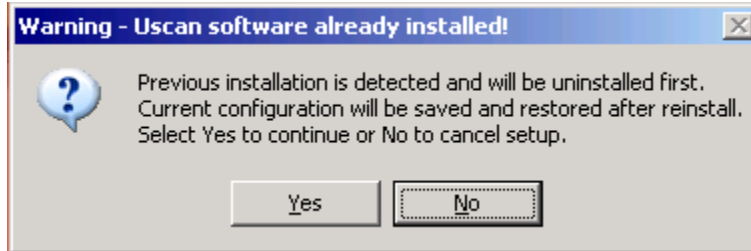
- 4) Double-click the icon displaying a CD-ROM.

The list of the files on the CD appears.

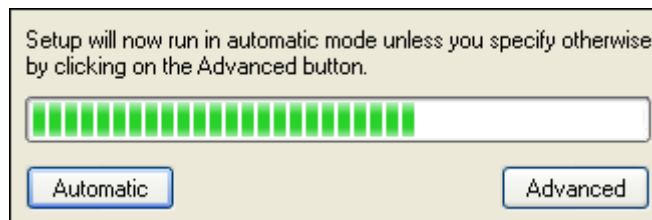
- 5) Double-click **Setup.exe**.
- 6) When the Welcome to the InstallShield wizard for U-Scan screen appears, click **Next**.



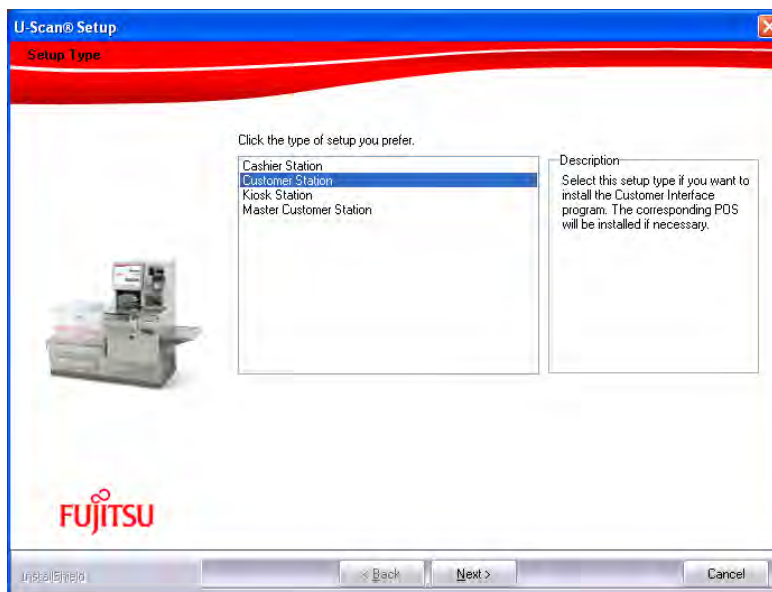
- 7) When the **Warning- Uscan software already installed!** message appears, click **Yes** to perform upgrade.



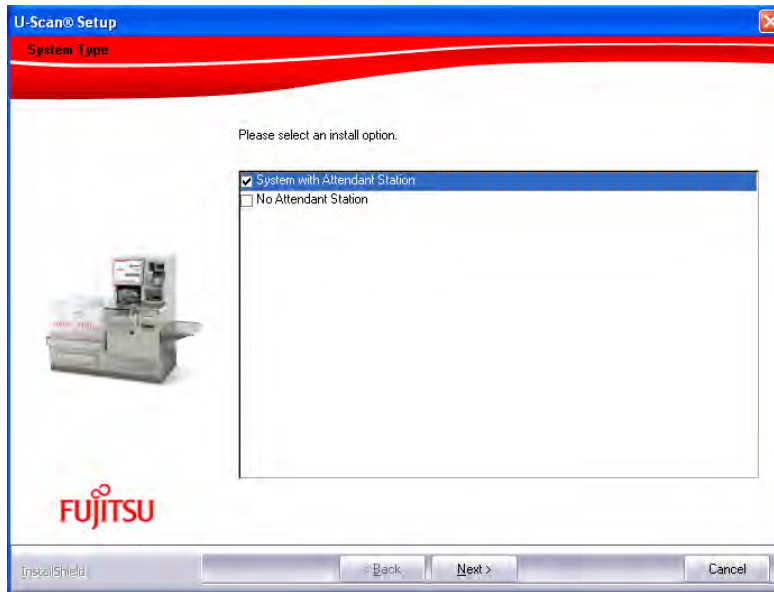
After U-Scan backs up and removes prior version the **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING.** The software installs automatically. Do **NOT** click **Advanced**.



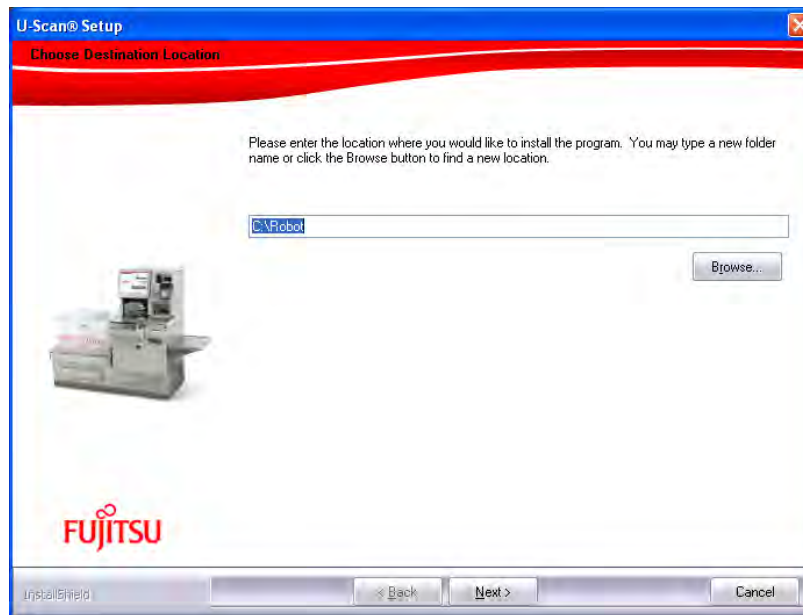
- 8) When the **Setup type** screen appears, select **Customer Station** and click **Next**.



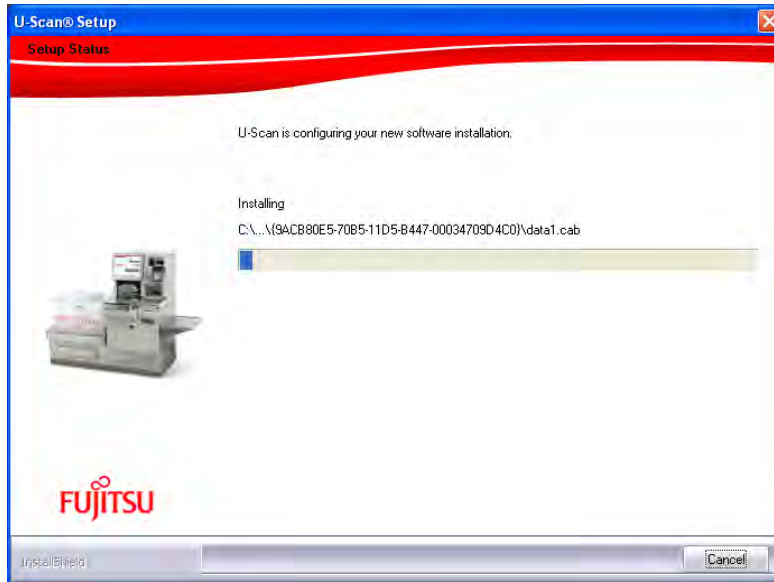
- 9) When the **System Type** screen appears, select **System with Attendant Station** and click **Next**.



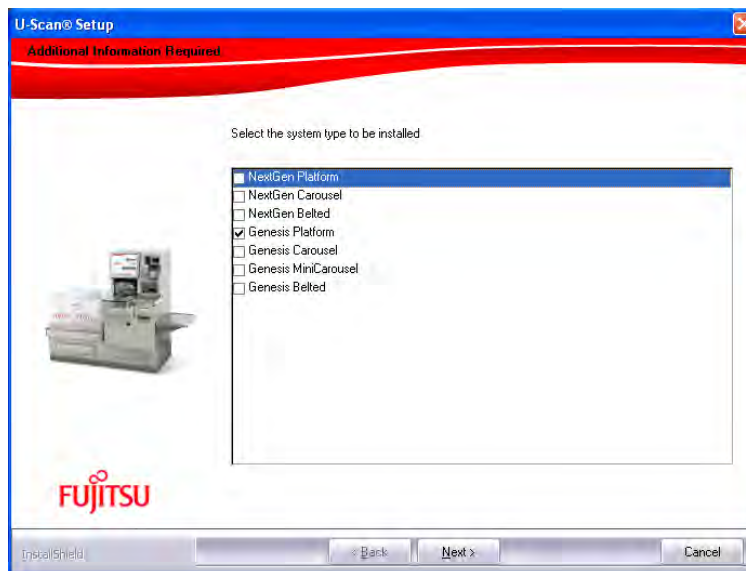
- 10) When the **Choose Destination Location** screen appears, a default destination folder is provided for the program (**C:\Robot**). Do **NOT** change this destination folder. Click **Next**.



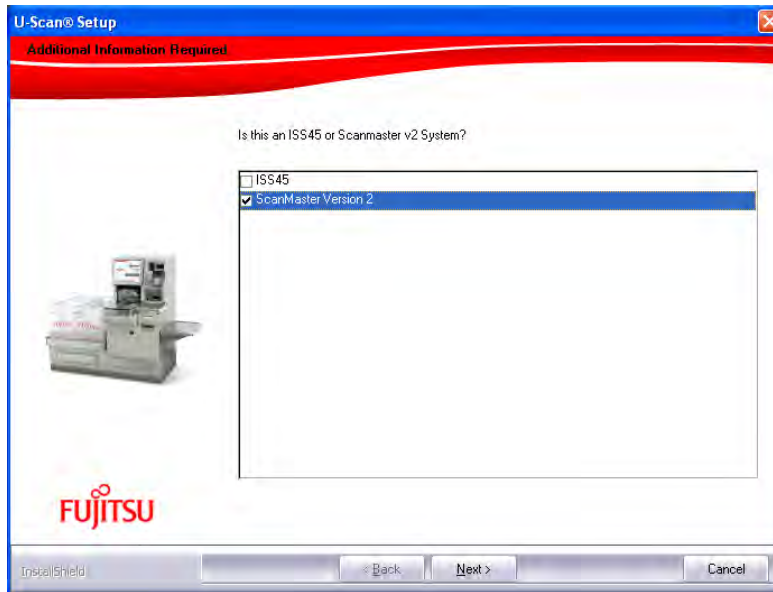
- 11) The **Setup Status** screen displays as the software is installed.



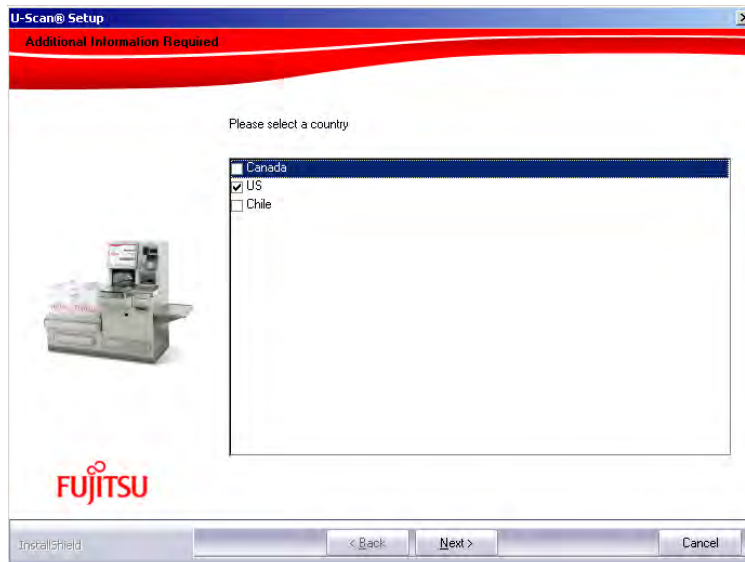
12) When the **Additional Information Required** screen displays, select the type of U-SCAN system. **Ex: Genesis Platform.**



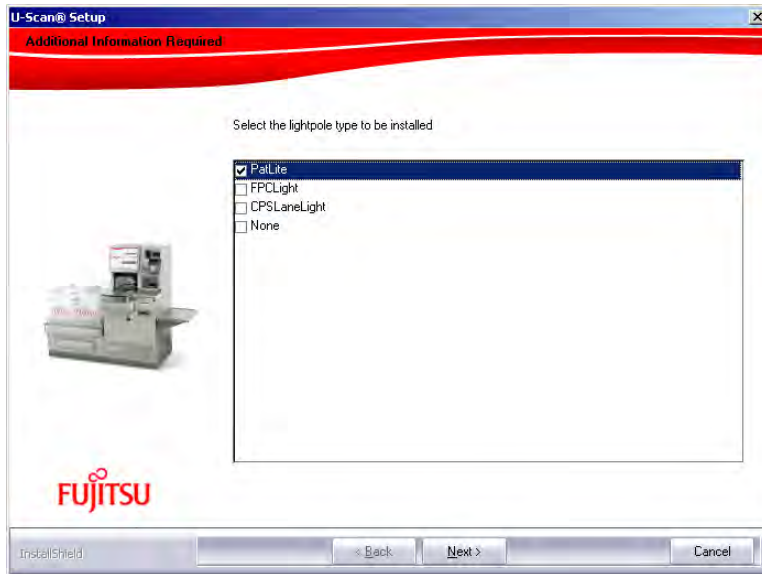
13) When the **Additional Information Required** screen displays, select **ScanMaster Version 2** and click **Next**.



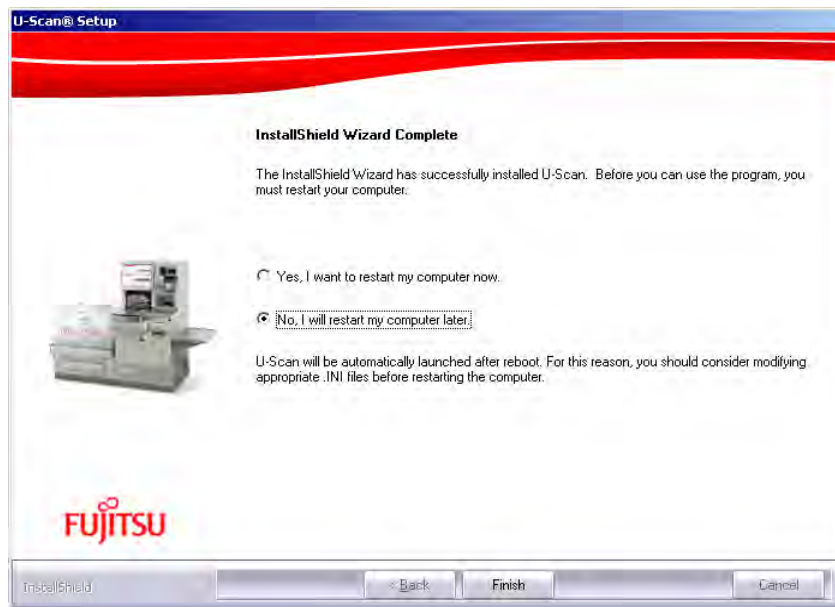
14)When the **Additional Information Required** screen appears, select the country and click **Next**.



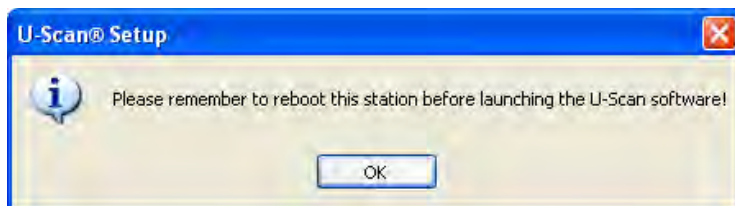
15)When the **Additional Information Required** screen appears, select the **Type of Pole Light** or **None**.



The software installs. When the installation is complete, the **Install Shield Wizard Complete** screen appears.



16) Click **Finish**. The following message displays:



17) Press **OK**. Remove the **Software Installation CD** from the CD-ROM drive.

NOTE: Do NOT change the Computer Name in the System Properties after the software is installed.

Customizing the U-Scan Software

- 1) Go to Folder C:\Robot\Data.
- 2) Drop the **logo.bmp** file that the store will be using for the U-Scan printer into this **C:\Robot\Data** folder.
- 3) **NOTE:** This step only applies if you are using Mobile Attendant. Double Click on **Robot_MobileAttendant_ON.REG**. Click **Yes** to the Registry editor question. Click **OK** to the next Registry editor question.
- 4) Click on **DealerConfig.exe**.
- 5) Set up the settings that are to be used in the store and then exit the DealerConfig screen.

Testing the Customer Station Hardware

NOTE: Device Settings should already be restored from upgrade. All devices **MUST** be configured through Device Tester. Making Device changes directly in the registry is no longer supported

- 1) Go to **Start > Programs > Startup > Launchpad**.

The **Launchpad** displays.

- 2) Touch **Device Tester**.

The **Password** screen displays.

- 3) Enter **1379** and touch **OK**.

The **Device Tester** window appears.

- 4) In the **Customer Device Test** window, click the tab for the device you wish to test.

Check that the **DLL** is set to the correct device model.

NOTE: Example lab settings are as listed below in the tables but **may not apply to your particular hardware**. These are just examples and you need to know what hardware you are really working with.

- 5) Follow the steps below if you need to correct the **DLL** settings:
 - f. On the Computer keyboard, press **ALT ***. (The * key is on the number pad.) **Change** becomes enabled.
 - g. Click Change.
 - h. Click the arrow to display the **DLL Location** drop-down menu.
 - i. Select the appropriate **DLL** for the device.

NOTE: If the appropriate DLL is not in the drop-down list, click **Browse**, and then select the correct DLL.

- j. Click Apply.
- 6) Test all the devices.
- 7) Click OK to exit the Device Tester.

**EXAMPLE ONLY for TeamPoS 3000 U-Scan Genesis Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	F56BD.DLL	COM23	9600	EVEN	8	1
Bill Acceptor	CCMFL.DLL	COM20	9600	NONE	8	1
Coin Dispenser	TRANSACT.DLL	USB	9600	EVEN	7	1
Coin Acceptor	MCSR3.DLL	COM21	9600	NONE	8	1
Scanner Scale	MAGELLAN.DLL	COM2	9600	ODD	7	1
Bag Scale	SCALTRON.DLL	COM22	9600	EVEN	7	1
Printer	PRN7193.DLL	COM33	9600	NONE	8	1
CPN Detector	CPNDETECT.DLL	USB	n/a	n/a	n/a	n/a
Proximity Sensor	FUJITPS.DLL	USB	n/a	n/a	n/a	n/a
Light Pole	PATLITE.DLL	COM19	9600	NONE	8	1
Alarm Board	Alarm_Board.DLL	n/a	n/a	n/a	n/a	n/a

**EXAMPLE ONLY for TeamPoS 3600 U-Scan Genesis Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	Fujitsu F53 Bill Dispenser	COM5	9600	EVEN	8	1
Bill Acceptor	Cash Code SM Bill Acceptor	COM20	9600	NONE	8	1
Coin Dispenser	Telequip TFlex and Coin X	USB	9600	EVEN	7	1
Coin Acceptor	Microcoin QL3 Coin Acceptor	COM3	9600	NONE	8	1
Scanner Scale	Magellan Scanner Scale	COM2	9600	ODD	7	1
Bag Scale	SCALTRON Bag Scale	COM19	9600	EVEN	7	1
Printer	CT 10 Printer	COM33	9600	NONE	8	1
CPN Detector	Coupon Detector	USB	9600	NONE	8	1

Proximity Sensor	Proximity Sensor	USB	9600	NONE	8	1
Light Pole	PATLITE	COM 4 (Expansion port 2)	9600	NONE	8	1
Alarm Board	Alarm Board	COM24	9600	NONE	8	1

**EXAMPLE ONLY for U-Scan Max Single Station (SBU) Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	F56BD.DLL	COM9	9600	EVEN	8	1
Bill Acceptor	CCMFL.DLL	COM10	9600	NONE	8	1
Coin Dispenser	TRANSACT.DLL	COM3	9600	EVEN	7	1
Coin Acceptor	MF100C.DLL	COM7	9600	EVEN	7	1
Scanner Scale	NCR7875.DLL	COM5	9600	ODD	7	1
Bag Scale	RL_Beltscale.DLL	COM4	9600	EVEN	7	1
Printer	PRN7193.DLL	COM8	9600	NONE	8	1
CPN Detector	CPNDETECT.DLL	COM15	n/a	n/a	n/a	n/a
Belted Uscan Devices	MAXSBU.DLL	COM11	9600	NONE	8	1
Proximity Sensor	FUJITPS.DLL	COM17	9600	NONE	8	1

**EXAMPLE ONLY for U-Scan Scan and Bag Lab system
(May not apply to your particular hardware setup)**

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
Bill Dispenser	NMD50.DLL	COM9	9600	EVEN	7	2
Bill Acceptor	CASHCODE.DLL	COM10	9600	EVEN	7	1
Coin Dispenser	TRANSACT.DLL	COM3	9600	EVEN	7	1
Coin Acceptor	MF100C.DLL	COM7	9600	EVEN	7	1
Scanner Scale	NCR7875.DLL	COM5	9600	ODD	7	1
Bag Scale	SCALETRON.DLL	COM4	9600	EVEN	7	1
Printer	PRN7193.DLL	COM8	9600	NONE	8	1

Do NOT change the Machine Name in the System Properties after the software is installed.

Setting the Customer Station Lane Number

Note: Lane # should already be set during the upgrade.

- 1) On the Launchpad, click **Set Lane #**.

The **Enter the Lane Number** box appears.

- 2) Enter the lane number.

Normally the lane number would be the same number as the POS # that you entered earlier during the ScanMaster software installation.

- 3) Click **OK**.

Terminal Services begins loading options.

- 4) If Terminal Services does not start, restart the Computer.

Robot Control will start to verify the device status. A status icon (green light) is displayed.

- 5) Press the background to display the U-Scan software.

Customizing the Station in Maintenance Mode

- 1) Scan the Manager barcode on the Customer Station.
- 2) Press the Manager Function button.
- 3) Enter 01 and Done.
- 4) Press the Robot Maintenance button.
- 5) Press the Custom Station Configuration button.
- 6) Enter 159 and press done.
- 7) Change the configuration to match the actual hardware setup.
- 8) Press Exit Maintenance.
- 9) Press Exit to return to normal operation.

Performing Test Transactions

- 1) Scan three or four items.
- 2) Process at least two produce items using the Produce/Bulk/Bakery key.
- 3) Ring up items with quantity required flag set.
- 4) Purchase an age-restricted item such as alcohol or tobacco.
- 5) Scan a random weight or system 2 UPC.
- 6) Scan Large/Heavy item.
- 7) Ensure that the system behavior is correct for each type of purchase.
- 8) Pay with cash at the Attendant Station.
- 9) Sign off the lanes.

Restoring the Weights Database

Note: These steps can be skipped if you performed an upgrade.

- 1) Go to any Customer Station.
- 2) On the Windows desktop, go to **My Network Places**.
- 3) Locate and double-click the **Cashier** Computer.
- 4) Go to **C:\weightsbkp** on the **Cashier** Computer.
- 5) Double-click **weights.db**, then click **Copy**.
- 6) Close the Explorer window.
- 7) On the Windows desktop, double-click **My Computer**.
- 8) Double-click **(C:)**.
- 9) Go to Robot > Data.
- 10) Right-click inside the folder and select **Paste**.
- 11) Verify that the file has been copied properly.
- 12) Perform the steps above at the remaining Customer Stations.

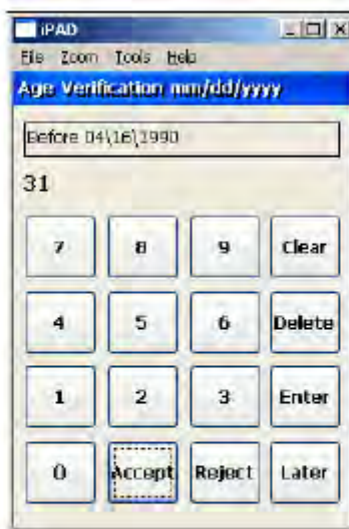
OVERVIEW OF CASHIERLESS OPERATION

Note: The basic functionality that exists for the iPad has been carried over to the Honeywell Dolphin 9700 device. Refer to the Technical Bulletin posted on the StoreNext website for more information.

- 1) The MA provides access to POS, security, prompt, voiding, and Maintenance Mode functionality for all lanes in the cluster. The MA's Detailed Order View provides a miniature version of the Attendant Station screen. A location must be designated for the iPad base, which charges the handheld unit. Updating the iPad software is done wirelessly using the Master Customer Station since there is no Attendant station in this configuration. However, any Customer Station can be used for iPad software uploads when MA failover is enabled.
- 2) The iPad Mobile Attendant incorporates a Tiny Direct Mode for access to POS operations. Tiny Direct Mode is available to all customers who use the Mobile Attendant.
- 3) Sample iPad Screens:



Sample iPad Screens:
Tiny Direct Mode



Age Verification



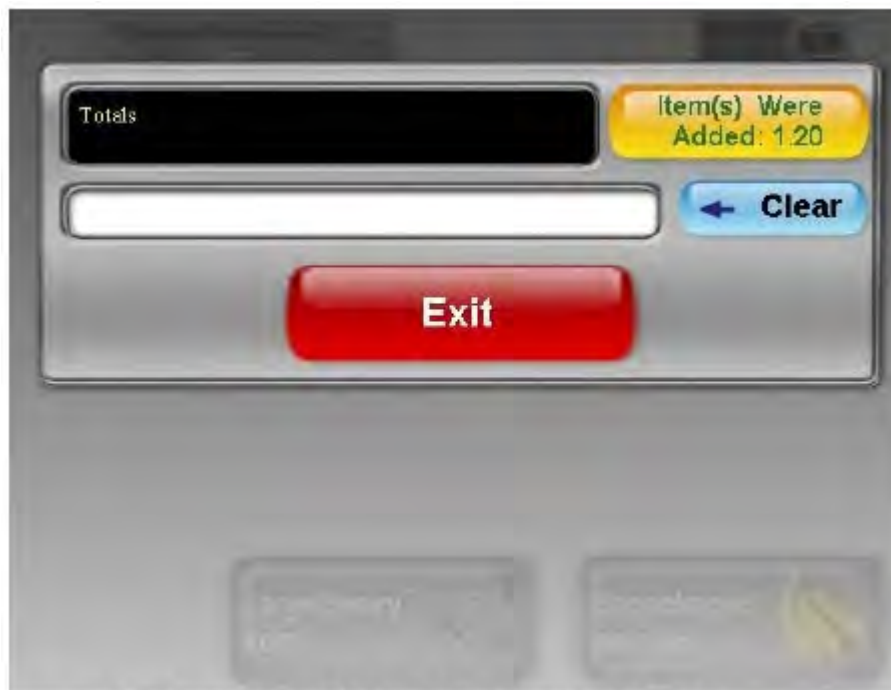
Detailed Order View

Local Direct Mode

- 1) The attendant uses Local Direct Mode to respond to POS exceptions such as age restrictions, manager overrides and error conditions. Local Direct Mode is also the mechanism whereby the attendant performs any other operation normally performed at the Attendant Station: i.e. manual credit card entry, suspending a transaction, department purchase.
- 2) LDM also provides access to Maintenance Mode and managerial functions such as Test Dispensers and Reports.

Security

- 1) Security violations are addressed through the iPad or at the Customer Station by scanning a control barcode for LDM access. The details of the security violation are presented to the cashier on the iPad in the same manner in which they are displayed at the Attendant Station. If the Genesis multimedia is installed, scanning the control barcode at the Customer Station will present the attendant with a similar cashier panel providing details of the security violation.



Mini Local Direct Mode at the Customer Station

Station Manager

- 1) The Station Manager program is an NBC database management utility that allows users to modify their NBC database. It is primarily used to add new NBC products to the SCO interface. It can also be used for the purpose of modifying the layout of the UI that is presented to the shopper. In the Cashierless system, access to the Station Manager is available from Maintenance Mode, which is available through the Manager functions via the LDMode access card.
- 2) The NBC database is stored on all Customer Stations as well as on the Master Customer Station. The Master Customer Station is used to run the Station Manager (aka the NBC Editor) and update the NBC databases of all of the Customer Stations after changes are made. The NBC database at the Master Customer Station holds the latest version of the data in this case. When any or all Customer Stations are not running, the Master Customer Station database holds the latest data. When a Customer Station comes back online, the new data from the Master Customer Station is replicated at the Customer Station. When the Master Customer Station is offline, NBC changes may be entered at one of the Customer stations which is online. The storage of the latest data will then be on that Customer Station where the changes were made. The Customer Station will replicate the new data to the Master Customer Station when the Master Customer Station comes back online, and the Master Customer Station will resume its role of propagating the new data to all other Customer Stations in the cluster.

Receipt Printing

- 1) In a Cashierless system, all receipts must print at the Customer Station since there is no other printer installed. Receipts that are normally redirected to the Attendant Station will be printed at the Customer Station doing the transaction.
- 2) In the event of a print failure (i.e. printer offline or out of paper), the native POS' ability to reprint a receipt can be invoked through Local Direct Mode.

Reports

- 1) The consolidated report database is located on the Master Customer Station. Each Customer Station also maintains a local copy (non-consolidated) of its own report. Consolidated reports can be printed from any Customer Station. If the consolidated reports cannot be accessed for

whatever reason, the report failover mechanism will engage, and only the individual lane data will be available.

- 2) More specifically, report databases from all Customer Stations are pushed to the designated Master Customer Station. Normally, this is the Attendant Station, so the reports generated at the Attendant Station contain all statistics for all of the Customer Stations in the cluster. With the removal of the Attendant Station, the role of the central storage for reports data is assigned to the designated Master Customer Station.

U-Scan Failover

- 1) The term “U-Scan Failover” refers to a collection of features designed to ensure that the U-Scan cluster continues to operate with maximum functionality in the event of a failure of the Master Customer Station. Typically, the single POF (Point of Failure) has been the Attendant Station. In a Cashierless configuration, the single POF is the Master Customer Station. U-Scan Failover eliminates the single POF. Failover mechanisms currently exist for NBC, Reports, and Mobile Attendant. At this time only ASM lacks a failover feature. This feature may be developed in the future but is not currently required because ASM functionality is not critical to the daily operation of the U-Scan. If the Master Customer Station is down while pending an update from the remote source, it will be pulled down as the Station is brought back up. If a non-Master Customer Station is down during an update, it will be automatically brought to the correct level by the other Stations within the cluster when it is brought up (Inner-Cluster Updates).

Methods of Payment

NOTE: The Cashierless configuration allows for most payment options that are normally available at the Customer Station. Methods of payment such as checks (all types), WIC, and foodstamps require attendant assistance and are not, by default, payment options that are available in the Cashierless configuration. If so desired, these methods of payment can be handled in Local Direct Mode using the Native POS Suspend/Retrieve functionality.

Cash

- 1) Cash is both accepted and dispensed at standard Customer Stations. There are however a couple of special considerations in the Cashierless configuration. These are issues arising from the lack of a separate till which allows the attendant to make a cash payment on behalf of the customer.

Large or Damaged Bills

- 1) If a customer attempts to use a bill or coin that is of greater value than the cash acceptance devices are configured to handle, the attendant could intervene with whatever store operational procedures are appropriate for their particular retail environment:

Examples:

- The customer may be asked to select an alternate form of payment.
 - The attendant could exchange the customer's bills for ones of lower denomination.
 - The attendant could enter Local Direct Mode and manually accept the bill. The bill could be inserted into the Customer Station's coupon bin, or a drop vault. A Till report entry would indicate the bills accepted by the attendant and logged by the Station number.
- 2) The same consideration applies for bills of lower denominations that may be damaged and not accepted by the U-Scan.

Dispense Failure

- 1) If the U-Scan fails to dispense the proper change due to low device levels or jamming, the U-Scan will notify the attendant of the error and instruct the attendant to provide the proper change. The attendant could intervene with whatever operational procedures are appropriate for their particular environment. For example, the attendant may signal for a manager to provide the customer with change from a service desk or adjacent till. The U-Scan provides a Cash Dispense Error report to assist with managing dispense failures.

Credit / Debit and other Electronic Tenders

- 1) All methods of electronic payment normally accepted at the U-Scan are accepted in the Cashierless configuration. Typically these are credit and debit tenders but also gift card and EBT. Some electronic tenders like credit may generate a signature slip or store copy of an authorization slip. These slips will need to be placed in a remote till or may be dropped into the coupon slot. This is dependent on what store procedures are in place for this type of operation.

Check Payment

- 1) This method of payment is not offered by default in a Cashierless configuration. If required, the attendant has the option to accept checks by suspending the transaction in LDM and then directing the customer to another lane which does support check payment.

BACKUP AND RESTORING THE NBC DATA WHEN UPGRADING FROM GMM4 TO GMM5

Note: This method should be done logged on as Robot. This is one exception to the rule of logging in as Administrator.

NOTE: Check the following settings to make sure that they are changed to the values below:

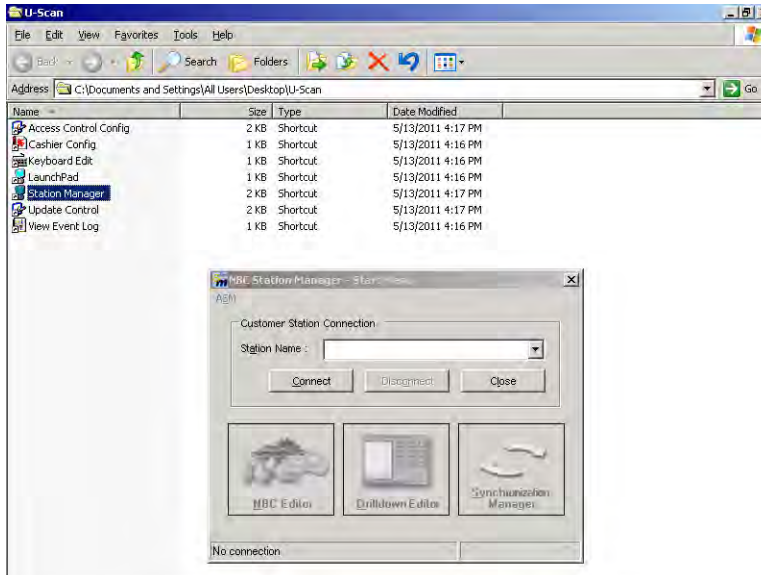
Setting the Registry to connect

On the GMM4 Cashier Station or Robot you will need to open a command prompt and type REGEDIT.

1. Navigate to HKey_Current_User\Software\OptimalRobotics\NBC.
2. Set StationManagerAlwaysConnectLocal = 0.
3. Exit REGEDIT.

Backing Up the NBC Data

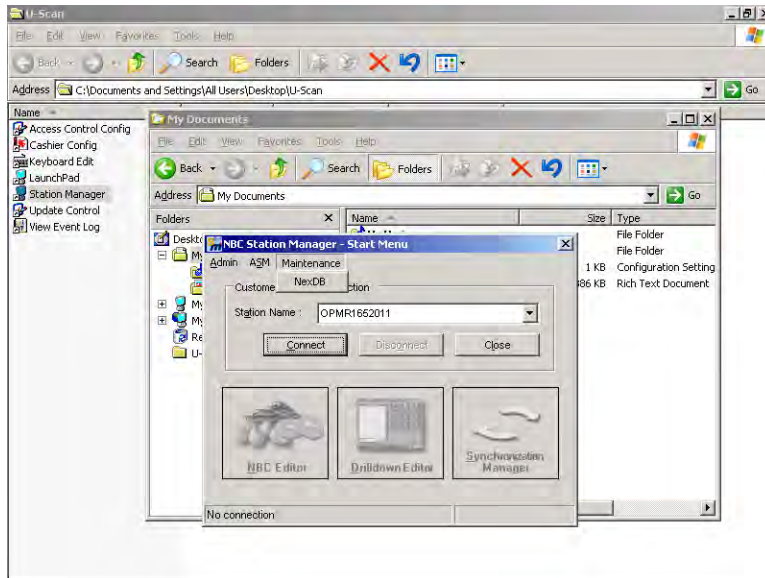
- 1) Start the NBC Station Manager. Open the U-Scan folder on the desktop and select Station Manager or browse to: C:\Documents and Settings\All Users\Desktop\U-Scan and select Station Manager.



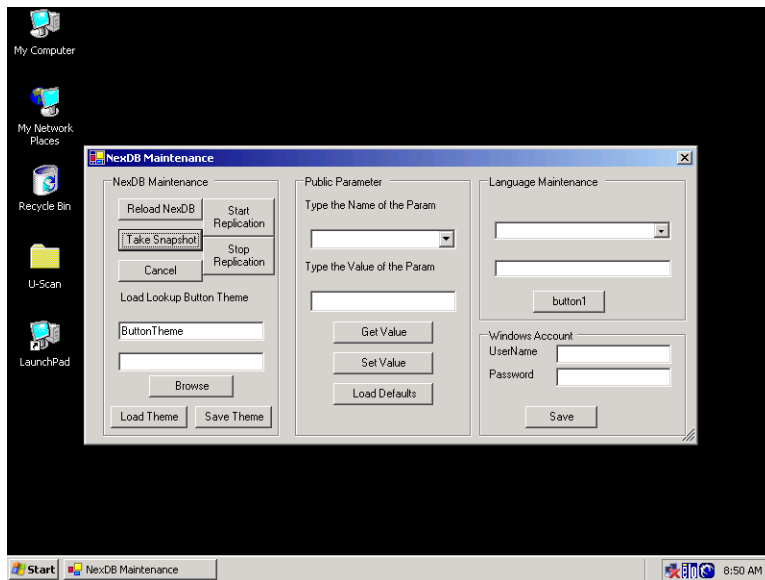
- 2) Use the OPMRddmmyyyy as below in the **Station Name** field.

NOTE: The date is OPMR1352011. May 13, 2011.
Omit the leading zero for any day or month that has a leading zero.

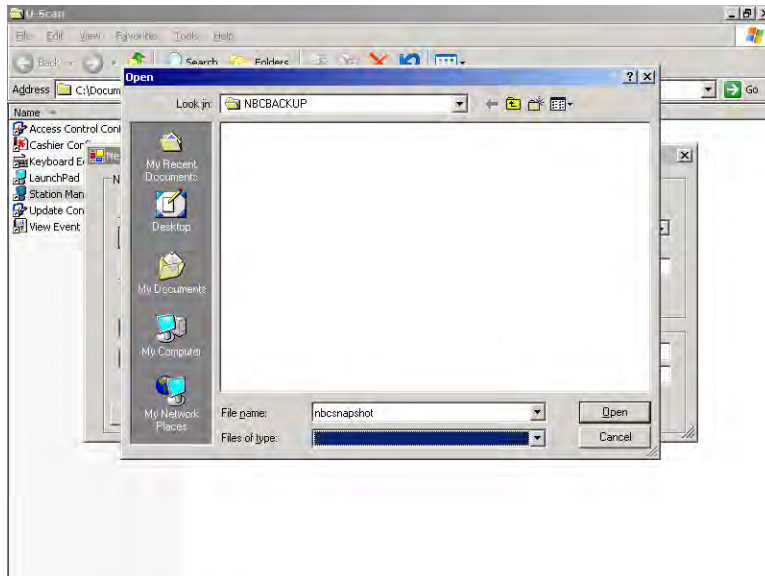
- 3) Touch **Connect**.
- 4) Touch the **Maintenance** and then **NexDB** that just appeared at the top of the window.



5) Touch **Take Snapshot.**



6) Save the Database to a file.



- 7) Copy off the Database so you can restore it to other stations after they are upgraded to GMM5.
- 8) Go back and follow the “Setting the Registry to Connect” section and set StationManagerAlwaysConnectLocal = 1.

Restoring the NBC Data that was Backed Up (as GMM4) to the (GMM5) installation:

Setting the Registry to connect

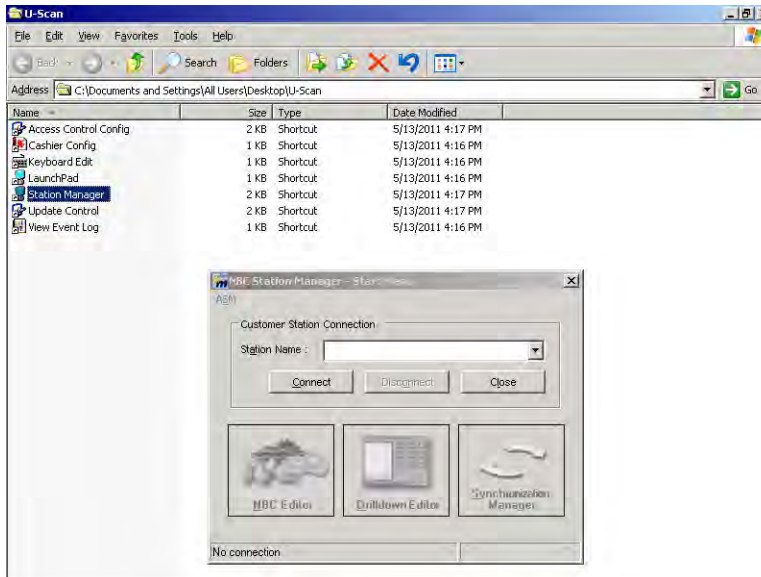
On the GMM5 Cashier Station and Robot(s) you will need to open a command prompt and type REGEDIT.

1. Navigate to HKey_Current_User\Software\OptimalRobotics\NBC.
2. Set StationManagerAlwaysConnectLocal = 0.
3. Exit REGEDIT.

Restoring the NBC Data

Note: Start with the Attendant Station and then do the same on all U-Scan Customer Stations (Robots).

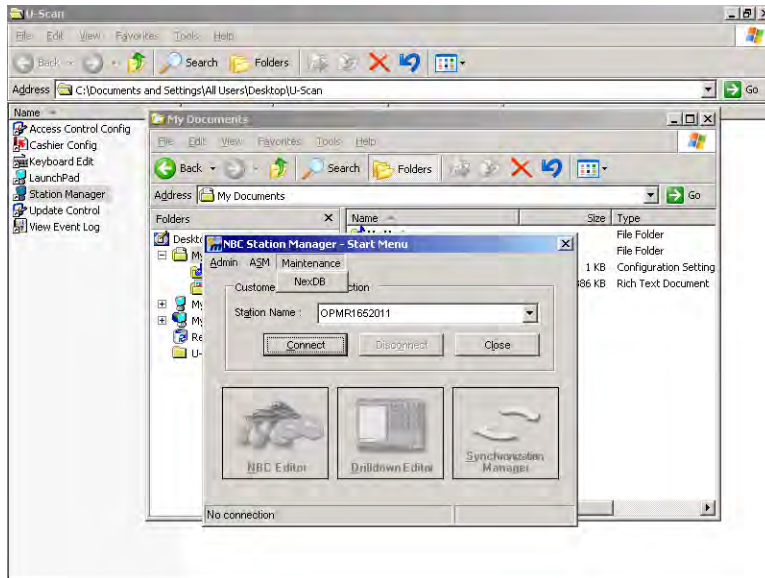
- 1) Start the NBC Station Manager. Open the U-Scan folder on the desktop and select Station Manager or browse to: C:\Documents and Settings\All Users\Desktop\U-Scan and select Station Manager.



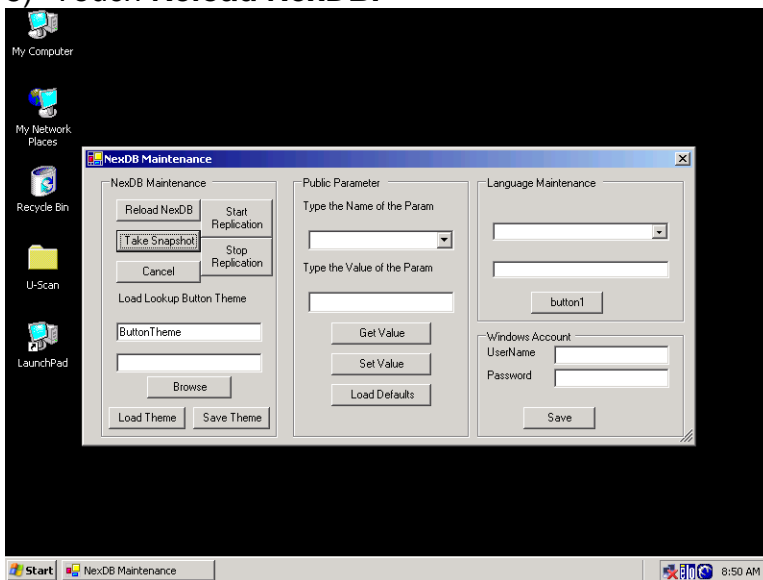
- 2) Use the OPMRddmmyyyy as below in the **Station Name** field.

NOTE: The date is OPMR1352011. May 13, 2011.
Omit the leading zero for any day or month that has a leading zero.

- 3) Touch **Connect**.
- 4) Touch the **Maintenance** and then **NexDB** that just appeared at the top of the window.



5) Touch Reload NexDB.



6) Reload the copy of the Database you created under the section **Backing Up the NBC Data.**

7) Repeat this Restore process on any other Customer Stations (Robots).

8) Go back and follow “Setting the Registry to Connect” section and set `StationManagerAlwaysConnectLocal = 1`.

9) Restore is complete.

QUESTION AND ANSWER SECTION

QUESTION 1

What are the definitions of what the (letter characters) are? Example is the (A) in the screen below. The banana item was entered on the key pad as 4011 but the number is display with a (A) in front.



ANSWER 1

Type of the UPC:

```
DEFAULT      = '0', // == interpret as UPCA
UPC_A        = 'A', // == UPCA (+ addons)
CODE_39      = 'B', // == Code39
CODE_93      = 'C', // == Code93
UPC_E        = 'E', // == UPCE (+ addons)
EAN_13       = 'F', // == EAN13 (+ addons)
EAN_8        = 'G', // == EAN8 (+ addons)
RSS_14       = 'R', // == RSS-14
RSS_EXPANDED = 'X', // == RSS-EXPANDED
```

CODE_128 = '#', // == Code128
ITF = 'I', // == Interleaved 2 of 5
GTIN_LABEL = 'T', // == GTIN conversion (Magellan 9500)
UNKNOWN = '?' // == unhandled UPC type

QUESTION 2

What does each option selection on the tabs do below for Configure Cashier?

The screenshot shows the 'Configure Cashier' dialog box with the 'General' tab selected. The dialog has a title bar with a question mark and a close button. Below the title bar are tabs for 'General', 'Robots', 'Keyboard', 'Security', 'Colors', and 'ASM'. The 'General' tab contains the following options:

- True Logon
- Touch To Signal
- Robot Functions Is Tools
- Credit Slip Report
- Allow Reset Till
- Verify Void Item
- Display Precedence
- Display NoBarCode Btn
- Space Bar Always Exits DM

Below the options, there is a numeric spinner for 'Auto station lock time (min)' set to 90, and a text box for 'Login Banner Message' containing 'Please Login'. At the bottom of the dialog are three buttons: 'OK', 'Cancel', and 'Apply'.

ANSWER 2

ConfigureCashier General Tab options:

True Logon

- When checked the Lock button on the Cashier screen will be called "Lock station". When pressed the application will be locked.
- When unchecked the Lock button on the Cashier screen will be called "Lock/logout". When pressed there will be a confirmation dialog - Lock the application or Logout from POS and lock the application.

Touch to signal

- When checked, selecting the lane will automatically acknowledge the prompt

Robot Functions Is Tools

- When checked, selecting of a lane in "Manager"->"Functions" will open the maintenance mode screen on the selected robot
- When unchecked, selecting of a lane in "Manager"->"Functions" will shut down the Robot application on the selected robot

Credit Slip Report

- When checked a Credit Slip button will be available under the "Manager" dropdown menu. Pressing this button and then selecting the lane will print credit slips for that lane (for the whole day?)

Verify Void Item

- Enables confirmation box for voiding items

Display Precedence

- Displays messages at the cashier station in a certain way

Allow Reset Till

- Some customers may have a button in the report dialog to reset the till report. When checked, it will allow to reset the till by pressing the button.

Display NoBarCode Btn

- When checked enables a NoBarcode button on the virtual keyboard in the Direct mode (not applicable for StoreNext)

Space Bar Always Exits DM

- When checked, pressing space bar in the “non-remote” Direct Mode will close Direct mode (not applicable for StoreNext)

Auto station lock time

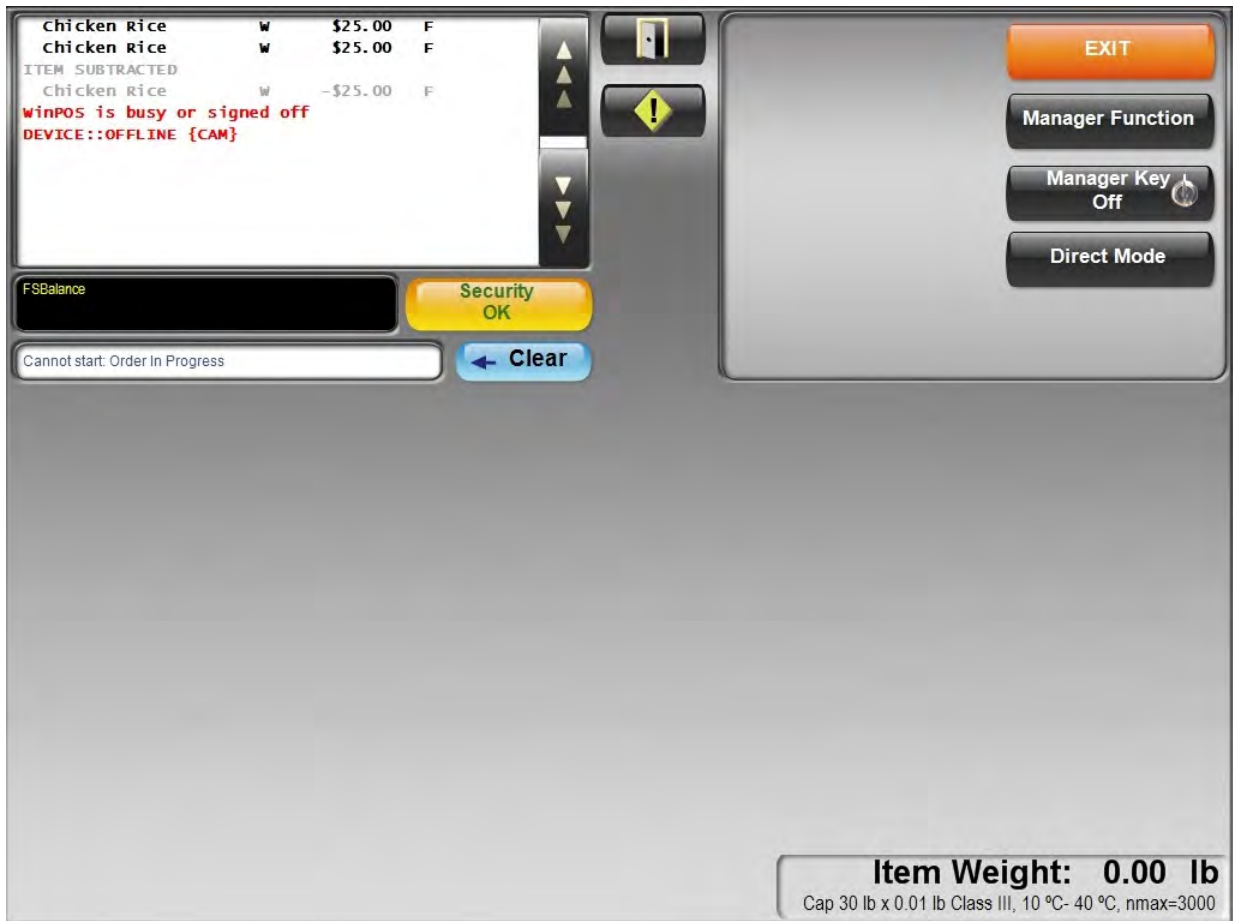
- Period of the cashier’s inactivity after which the cashier application will be automatically locked.

Login Banner Message

- When 'True Logon' option is checked, the text shown on the Lock/Logout dialog can be customized here.

QUESTION 3

What does the Manager Key Off/On button do below? It does not seem to make a difference ON or OFF.



ANSWER 3

Manager Key Off

- Shows the state of the manager key. On or Off. Pressing it should change the state
- This button has no affect on ScanMaster and is ignored

QUESTION 4

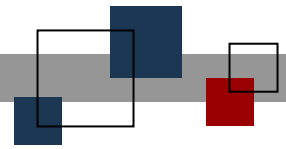
What is the purpose of the **!** button on the screen below.



ANSWER 4

The **!** button

- is the override button.



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