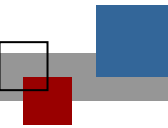


U-SCAN[®]

- *U-Scan Software Imaging and*
- *Installation with ScanMaster*
- *U-Scan GMM4*
-
-



U-Scan Software Imaging and Installation with ScanMaster

Date of Issue	Product Identification Number	Part Number	Brief Description
June 2009	45001/115	89000518	Initial Release

© Copyright StoreNext Retail Technologies LLC 1995-2009
All rights reserved

This publication is protected by federal copyright law. No part of this publication may be reproduced or transmitted into any human or computer language in any form or by any means, stored in a retrieval system, transmitted, redistributed, translated or disclosed to third parties, or de-compiled in any way including, but not limited to, photocopy, photograph, electronic, mechanical, magnetic or manual without the express written permission of StoreNext Retail Technologies LLC or its licensors, if any. This document, notwithstanding the above, may be distributed in electronic or printed form to personnel who are employed by either (1) a StoreNext customer of the subject system of this document or (2) personnel from an authorized StoreNext dealer of the subject system of this document. All copies, so distributed and/or so authorized, shall contain a full copy of this copyright notice.

StoreNext Retail Technologies LLC endeavors to ensure that the information in this document is correct and fairly stated but does not accept liability for any error or omission. StoreNext Retail Technologies LLC makes no representation or warranties with respect to the contents hereof, and specifically disclaims any implied warranties of merchantability or fitness for a particular purpose or non-infringement. No commitments by StoreNext or its suppliers are made from this documentation which is provided for information only.

Development of StoreNext products and documentation is continuous: StoreNext Retail Technologies LLC reserves the right to revise this publication and to make changes from time to time in the contents hereof or in the products herein described or discussed without notice and without any obligation of StoreNext Retail Technologies LLC to notify any person or organization of such revision or changes. Information published in this document will likely become obsolete over time and it is recommended that users regularly check for updates and newer versions.

StoreNext Retail Technologies LLC has prepared this manual for use by users, authorized third parties and personnel of StoreNext Retail Technologies LLC as a guide to the proper installation, operation, customization and/or maintenance of StoreNext Retail Technologies LLC equipment and software. The drawings and specifications contained herein are the property of StoreNext Retail Technologies LLC and/or its licensors.

Third-party products, services, or company names referenced in this document may be trademarked or copyrighted by their respective owners, and are for identification purposes only.

Copyrights, trademarks and license agreements shall be governed and construed in accordance with the laws of the State of Texas and the Federal Arbitration Act, and shall benefit Retailix, its successors, and assigns.

Address comments and corrections to:

StoreNext Retail Technologies LLC
Software Program Director
6100 Tennyson Parkway
Suite 130
Plano, Texas 75024

Contents

INTRODUCTION.....	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
Installing the image.....	10
Customizing the Image	11
Installing the U-Scan Software.....	14
Testing the Cashier Station Hardware	16
Customizing the U-Scan Software	18
Configuring the Cashier Configuration.....	18
Mobile Attendant Installation.....	20
MASTER CUSTOMER STATION	21
Prerequisites.....	21
Setting up the BIOS.....	22
CIARA PENTIUM 4	22
TeamPoS 2000	27
TeamPos 3000 XL	29
Installing the image.....	30
Customizing the Image	32
Installing StoreNext ScanMaster Software	36
Installing the U-Scan Software.....	50
Customizing the U-Scan Software	56
Testing the Customer Station Hardware	56
Customizing the U-Scan Software Variables (Registry Files)	60
Setting the Customer Station Lane Number	62
Customizing the Station in Maintenance Mode.....	62
Mobile Attendant Installation.....	63
Performing Test Transactions.....	63
CUSTOMER STATION SETUP WITHOUT AN ATTENDANT STATION.....	65
Prerequisites.....	65
Setting up the BIOS.....	66
CIARA PENTIUM 4	66
TeamPoS 2000	71
TeamPos 3000 XL	73

Installing the image	74
Customizing the Image	75
Installing StoreNext ScanMaster Software	79
Installing the U-Scan Software.....	93
Customizing the U-Scan Software	101
Testing the Customer Station Hardware	101
Customizing the U-Scan Software Variables (Registry Files)	105
Setting the Customer Station Lane Number	107
Customizing the Station in Maintenance Mode	107
Performing Test Transactions.....	108
CUSTOMER STATION SETUP WITH ATTENDANT STATION.....	109
Prerequisites.....	109
Setting up the BIOS	110
CIARA PENTIUM 4	110
TeamPoS 2000	115
TeamPos 3000 XL	117
Installing the image.....	118
Customizing the Image	119
Installing StoreNext ScanMaster Software	123
Installing the U-Scan Software.....	137
Customizing the U-Scan Software	144
Testing the Customer Station Hardware	145
Customizing the U-Scan Software Variables (Registry Files)	148
Setting the Customer Station Lane Number	150
Customizing the Station in Maintenance Mode.....	150
Performing Test Transactions.....	151
UPGRADES	152
Backing Up the Weights Database	152
ATTENDANT STATION.....	153
Prerequisites.....	153
Removal of the existing U-Scan software prior to loading the new version of U-Scan.....	153
Installing the New U-Scan Software	154
Testing the Cashier Station Hardware	156
Customizing the U-Scan Software	158
Configuring the Cashier Configuration.....	158
MASTER CUSTOMER STATION	160
Prerequisites.....	160
Removal of the existing U-Scan software prior to loading the new version of U-Scan.....	160
Installing the New U-Scan Software	161
Customizing the U-Scan Software	166
Testing the Customer Station Hardware	166
Customizing the U-Scan Software Variables (Registry Files)	170
Setting the Customer Station Lane Number	172

Customizing the Station in Maintenance Mode	172
Performing Test Transactions	173
Restoring the Weights Database	173
CUSTOMER STATION SETUP WITH NO ATTENDANT STATION	174
Prerequisites	174
Removal of the existing U-Scan software prior to loading the new version of U-Scan	174
Installing the New U-Scan Software	175
Customizing the U-Scan Software	180
Testing the Customer Station Hardware	181
Customizing the U-Scan Software Variables (Registry Files)	185
Setting the Customer Station Lane Number	187
Customizing the Station in Maintenance Mode	187
Performing Test Transactions	188
Restoring the Weights Database	188
CUSTOMER STATION SETUP WITH ATTENDANT STATION	189
Prerequisites	189
Removal of the existing U-Scan software prior to loading the new version of U-Scan	189
Installing the New U-Scan Software	190
Customizing the U-Scan Software	195
Testing the Customer Station Hardware	195
Customizing the U-Scan Software Variables (Registry Files)	199
Setting the Customer Station Lane Number	201
Customizing the Station in Maintenance Mode	201
Performing Test Transactions	202
Restoring the Weights Database	202
Overview of Cashierless Operation	203
Local Direct Mode	203
Security	204
Station Manager	204
Receipt Printing	205
U-Scan Failover	206
Methods of Payment	206
Cash	206
Large or Damaged Bills	207
Dispense Failure	207
Credit / Debit and other Electronic Tenders	207
Check Payment	208
Using ASM to Backup and Restore the NBC Data	209
Version Check	209
Registry Settings	209
Backup/Restore NBC Database -	209
Alternate Method of Backing up and Restoring the NBC Data	211

Backing Up the NBC Data.....	212
Restoring the NBC Data that was Backed Up	212
Question and Answer Section.....	213
QUESTION 1.....	213
QUESTION 2.....	214
QUESTION 3.....	216
QUESTION 4.....	217

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

GMM4 Configurations

There are two basic configurations of GMM4.

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

- 89000288 (216.01A) image for the Ciara All-in-One and PC.
- 89000328 (P4I-TP100-04) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000466 (P4I TP3KWE03) image for the TeamPoS 3000 XL

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

- 89000420 (P4C-216-07)

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

Draft A: This is the first draft release with the GMM4 installation with ScanMaster.

NEW U-SCAN INSTALLATIONS

ATTENDANT STATION

Prerequisites

Gathering the Software Information

Ensure You Have the Correct Imaging CD

- 89000288 (216.01A) image for the Ciara All-in-One and PC.
- 89000328 (P4I-TP100-04) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000466 (P4I TP3KWE03) image for the TeamPoS 3000 XL

Ensure You Have the Correct Customization CD

- 89000420 (P4C-216-07)

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

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

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

Installing the image

Ensure You Have the Correct Imaging CD

- 89000288 (216.01A) image for the Ciara All-in-One and PC.
- 89000328 (P4I-TP100-04) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000466 (P4I TP3KWE03) 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

Customizing the Image

Ensure You Have the Correct Customization CD

- 89000420 (P4C-216-07)

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

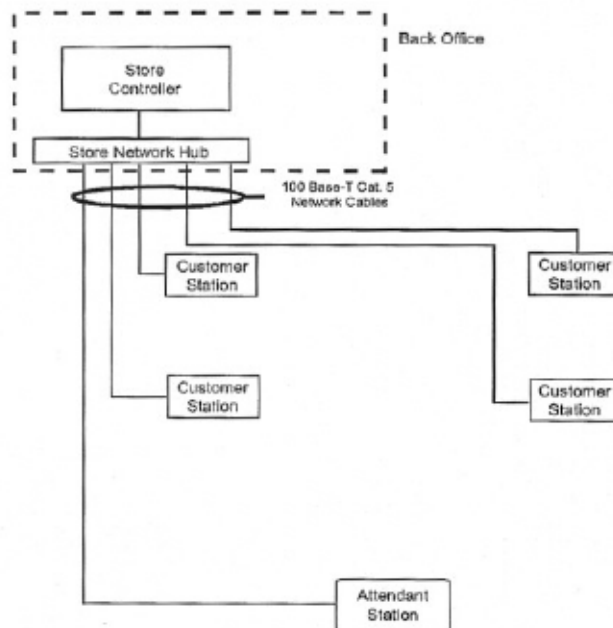
Note: Do NOT uncheck the **Generate a computer name using OPMR Rules** box and assign the Attendant computer a name that deviates from the standard naming convention as defined above.

- 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) Disable **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

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

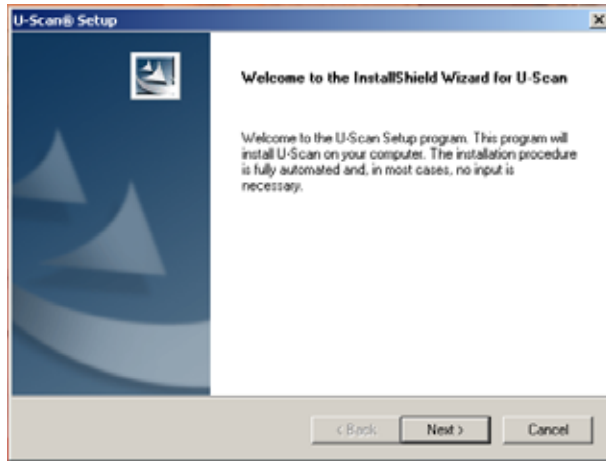
- 1) Insert the U-Scan software installation CD into the CD-ROM drive.
- 2) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

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

The list of the files on the CD appears.

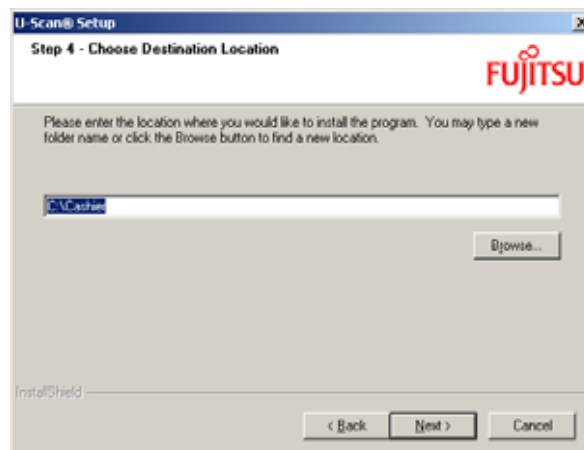
- 4) Double-click the CD_Root folder
- 5) Double-click **Setup.exe**.
- 6) When the Welcome to the InstallShield wizard for U-Scan screen appears, click Next.



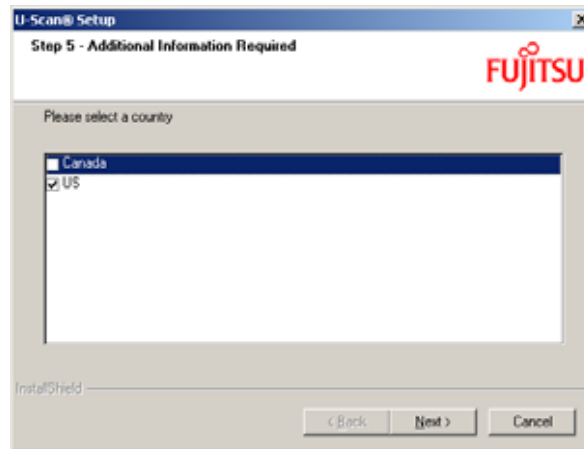
The **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING.** The software installs automatically. Do **NOT** click **Advanced**.

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.**

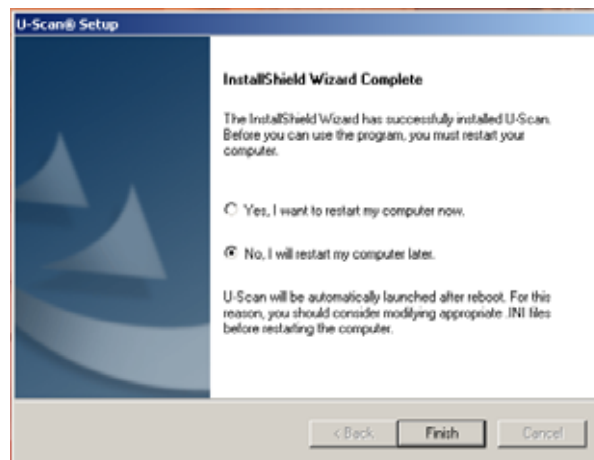
- 7) When the **Step 4 - Choose Destination Location** screen appears. A default destination folder is provided for the program (**C:\Cashier**). Do **NOT** change this destination folder.



- 8) Click Next.
- 9) When the **Step 5 – Additional Information Required** screen appears, Select the country and click Next



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



10) Click **Finish**.

11) Remove the U-SCAN Software Installation CD from the CD-ROM drive and **restart** the Attendant Station.

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

Configure Cashier

General Robots Keyboard Security Colors ASM

Number Customer Stations: ☐ 1 ☐ 2 ☒ 4 ☐ 6 ☐ 9

Mobile Device Name:

☒ Enable/Disable MA in Launchpad (restart Launchpad needed)

☒ Allow view detailed order at iPad

Robot Machine Name Layout

1 CUST1-1234	4 ROBOT4	7 ROBOT7
2 ROBOT2	5 ROBOT5	8 ROBOT8
3 ROBOT3	6 ROBOT6	9 ROBOT9

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.

- 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

- 89000288 (216.01A) image for the Ciara All-in-One and PC.
- 89000328 (P4I-TP100-04) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000466 (P4I TP3KWE03) image for the TeamPoS 3000 XL

Ensure You Have the Correct Customization CD

- 89000420 (P4C-216-07)

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

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.

Installing the image

Ensure You Have the Correct Imaging CD

- 89000288 (216.01A) image for the Ciara All-in-One and PC.
- 89000328 (P4I-TP100-04) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000466 (P4I TP3KWE03) 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.

Customizing the Image

Ensure You Have the Correct Customization CD

- 89000420 (P4C-216-07)

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.

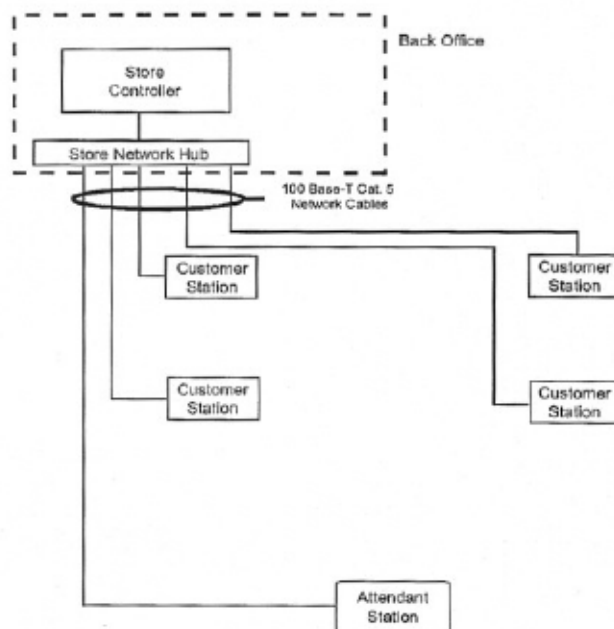
13) Verify that the **IP setting** is configured to Your IP Address for the LAN you are connecting to. (Example: **192.168.0.1**)

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

For a single Network card configuration, put in the 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! 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) Disable **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.

Note: Login on U-Scan as Administrator. Password is admin.

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.

Note: If the U-scan is connected to a Vista Server and/or Vista Backoffice and is running Pervasive v9.5 you MUST follow the instructions under “**PERVASIVE v9.5 PATCH INSTRUCTIONS WHEN RUNNING VISTA BUSINESS.**”

Pervasive v9.5 Patch Instructions when running Vista Business

Note: Login on U-Scan as Administrator. Password is admin.

1. After Pervasive is installed, stop both Pervasive services or the Workgroup engine and insert the ScanMaster Installation CD.
2. Copy the oledb_ftf.9.52.zip file to C:\PVSW\Bin folder.
3. Extract the files from the zip file to the Bin folder and follow the instructions in the readme.txt. (Register listed files using Regsvr32)
4. Restart the Pervasive services or Workgroup engine.
Note: If Vista is running on any of the ScanMaster server or Back Office PCs, this **MUST** be done on all ScanMaster PCs including the POS terminals.
5. If a PC is using v9.5 Workgroup and is a Back Office workstation, the following fix must be run.
6. On the root of the ScanMaster install CD, double click the psqslvcsetup.zip file.
7. Double click on psqslvcsetup.exe
8. Click **NEXT** at the Welcome Screen.
9. At the Select Destination Location screen click **NEXT** (this assumes that Pervasive is installed in C:\PVSW, change this if that is not the correct location).
10. At the Select Service Account screen, select "This account" and enter .\Administrator in the Account Name field. Enter the Administrator password and confirm.
11. Click **NEXT**.
12. Click **INSTALL**.
13. Click **FINISH**.
This will cause the Pervasive Workgroup engine to load as a service instead of a tray application which is required to resolve a startup issue on Vista.

OPOS Installation

Installation Preparation

Note: Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.06.00 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.

OPOS Common Control (RCS)

1. Login to the U-Scan as the Administrator. Password is admin.
2. Using Windows Explorer, browse to the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\ Common Controls folder on the workstation.
3. 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.

4. Click Next.

The Readme File window displays

5. Click NEXT.

The Choose Destination Location window displays.

6. Accept Default Folder and Click NEXT.

The Backup Replaced OPOS CCO Files window displays.

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

The Select OPOS CCO Components window displays.

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

The Start Installation window displays.

9. Click NEXT.

The Installation Complete window displays.

10. Click FINISH.

FTXS OPOS (Fujitsu)

1. Login to the U-Scan as the Administrator.
2. Using Windows Explorer, browse to the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\FTXSOPOS folder on the workstation.
3. 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.

4. Click Next.

The License Agreement window displays

5. Accept the agreement and click NEXT.

The Setup Type window displays

6. 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.

7. Click NEXT.

The Select Components window displays.

8. 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

9. Click Next.

If TeamPos 3000, Skip to step 12.

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

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

11. Click NEXT.

The Select OPOS Device Registry Settings Option window displays.

12. Select "Customize Each Device Port Settings".

13. Click NEXT.

The Current Settings window displays. Verify Settings.

14. Click NEXT.

The Installation window displays.

15. Click INSTALL.

The Devices Logical Name window displays.

16. Click NEXT. (D22_D25_MSR).

17. Click NEXT. (D22_D25_KLK).

18. Click NEXT. (VF60-1).

19. Click NEXT. (FjMCPCD1) TeamPoS 2000, (TP3K_CD1) TeamPoS 3000.

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

20. Click NO.

21. Click NEXT. (fjkbds)

22. Click NEXT. (fjklks)

23. Click NEXT. (fjmsrs)

24. Click NEXT. (FJPosKBTone)

25. Click NEXT. (SlimScan1200)

26. Click NEXT. (Fujitsu7521E_S)

27. Click NEXT. (Fujitsu7521E_S_Scale)

28. Click NEXT. (fjvfdso)

The InstallShield Wizard Complete window displays.

29. Click FINISH.

TPG OPOS (For Installations w/ TPG A760, A776, A794 Printers)

Note: Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.06.00 Install CD to the hard drive of your workstation. (You should have previously mapped a drive to 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.

1. Login to the U-Scan as the Administrator. Password is admin.
2. Open Windows Explorer and browse to the \DRIVERS\TPG OPOS and 776 USB Driver folder.
3. Double-click **Install.bat**

The Printer Model Menu displays.

4. Press the letter corresponding to the Printer Model being installed at the Attendant Station.

Window displays asking if you are sure you wish to update the registry.

5. Click **Yes**.

Window displays stating information has been successfully entered into the registry.

6. Click **OK**.

Window displays stating DLLRegisterServer in tpg.dll succeeded.

7. Click **OK**.

Window displays stating oposposprinter.ocx succeeded.

8. Click **OK**.

Window displays stating oposcashdrawer.ocx succeeded.

9. Click **OK**.

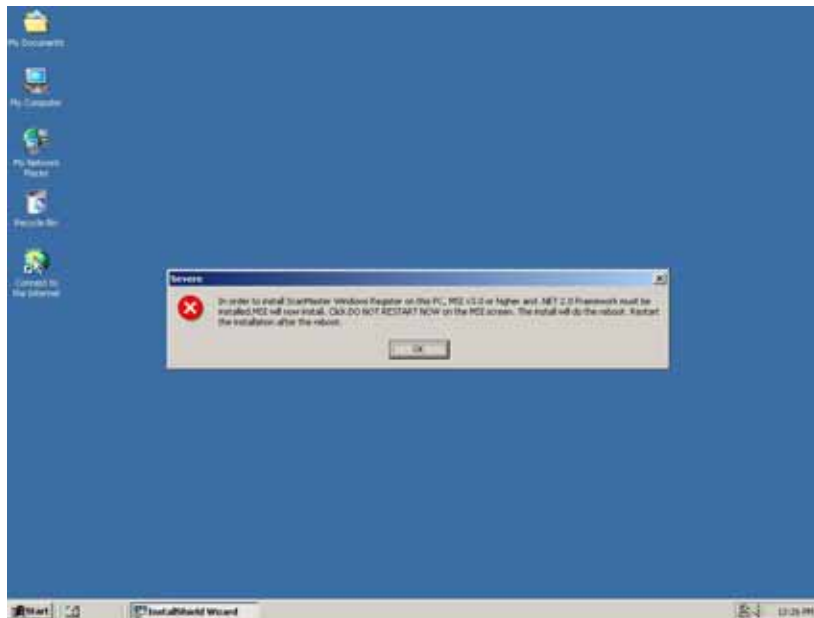
Window displays stating oposmicr.ocx succeeded.

10. Click **OK**.

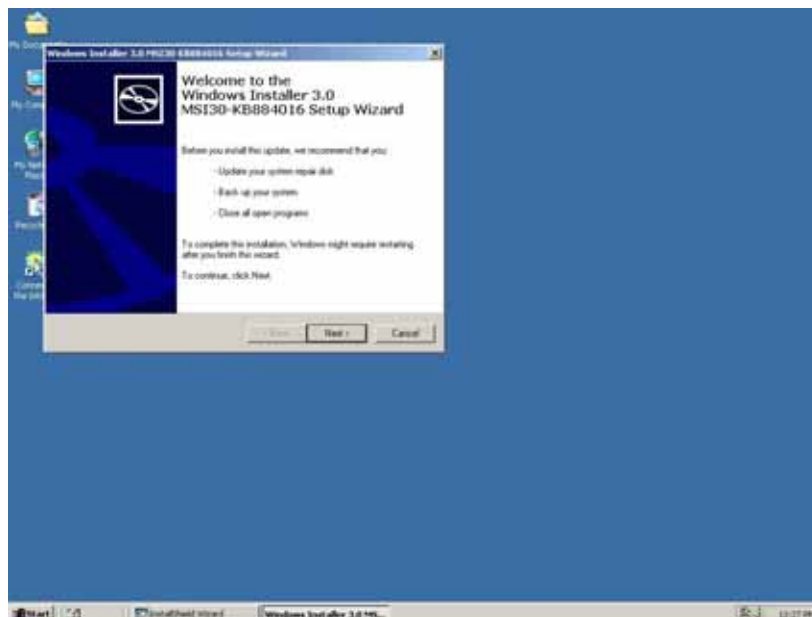
The TPG OPOS Printer is installed.

Install ScanMaster U-Scan Software

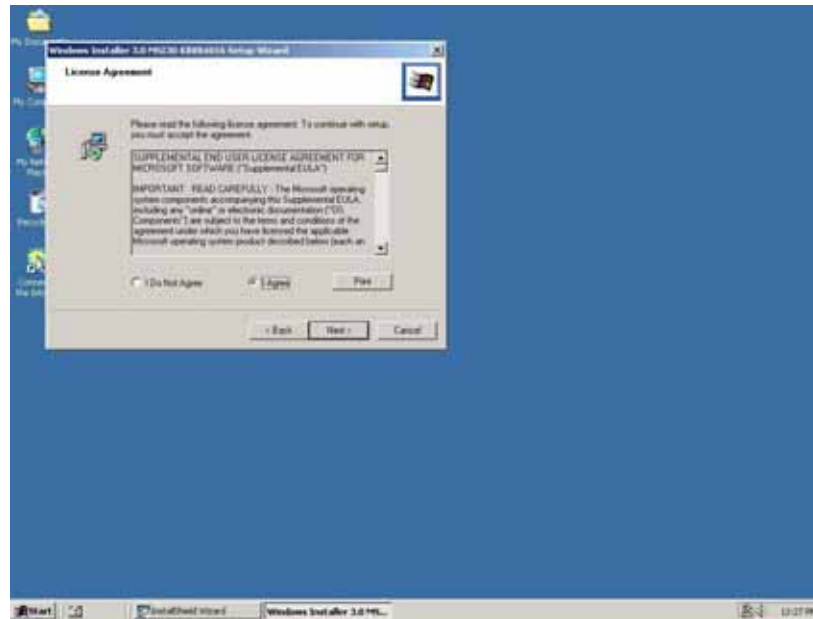
1. Insert ScanMaster CD into the ScanMaster Server and from U-SCAN\U-scanToServer folder run Setup.exe. This will create F:\USCAN\Install folder.
2. From U-Scan Lane, Map F: Drive.
3. Run Setup.exe from F:\USCAN\Install\Setup.exe



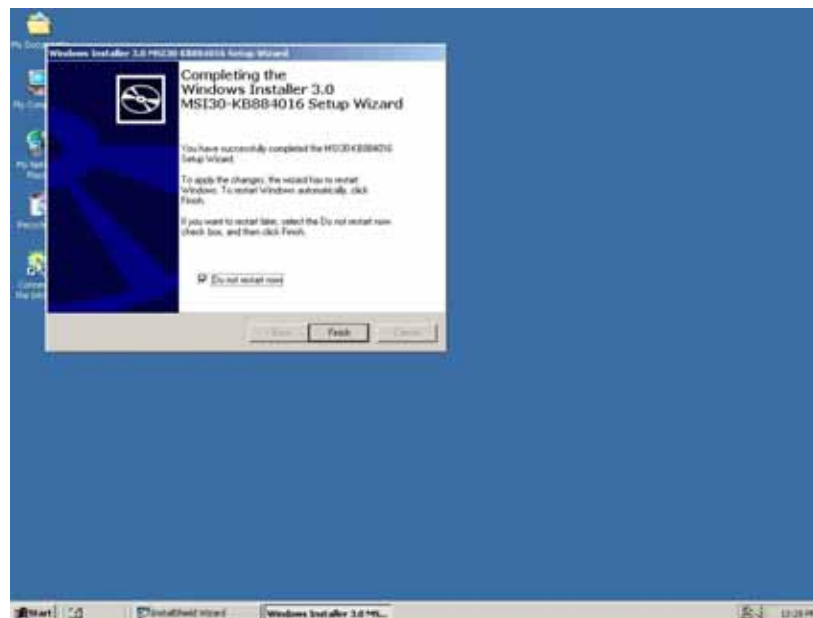
4. If the appropriate version of .NET and MSI is not currently installed system will prompt that it is installing these components. Press OK.



5. Select NEXT.

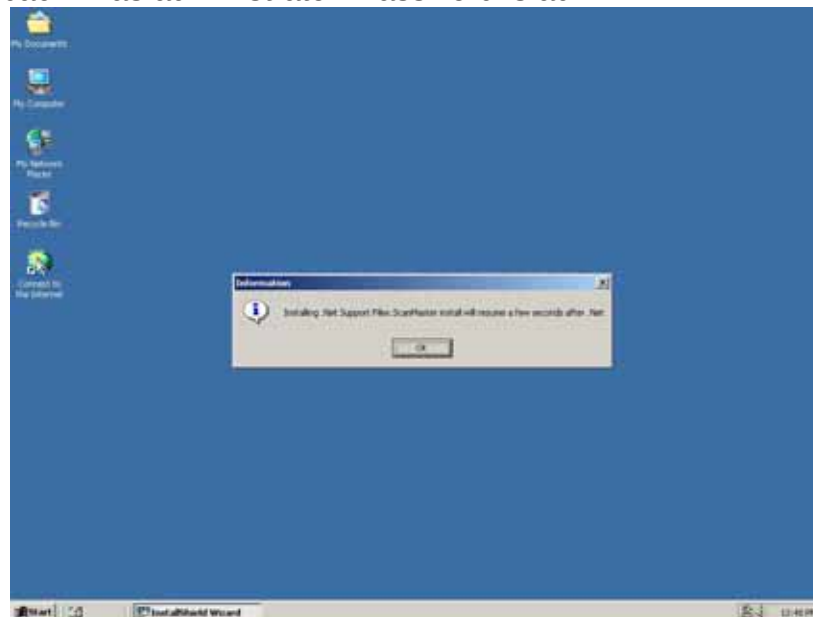


6. Select "I Agree" and press NEXT.

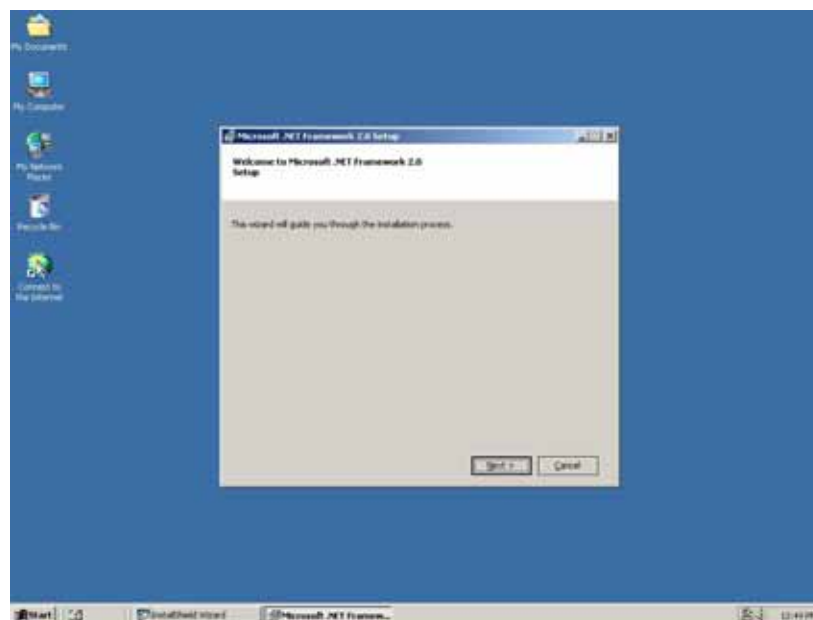


7. Place check mark in box "Do not restart now," and press FINISH. U-Scan will reboot at this point.

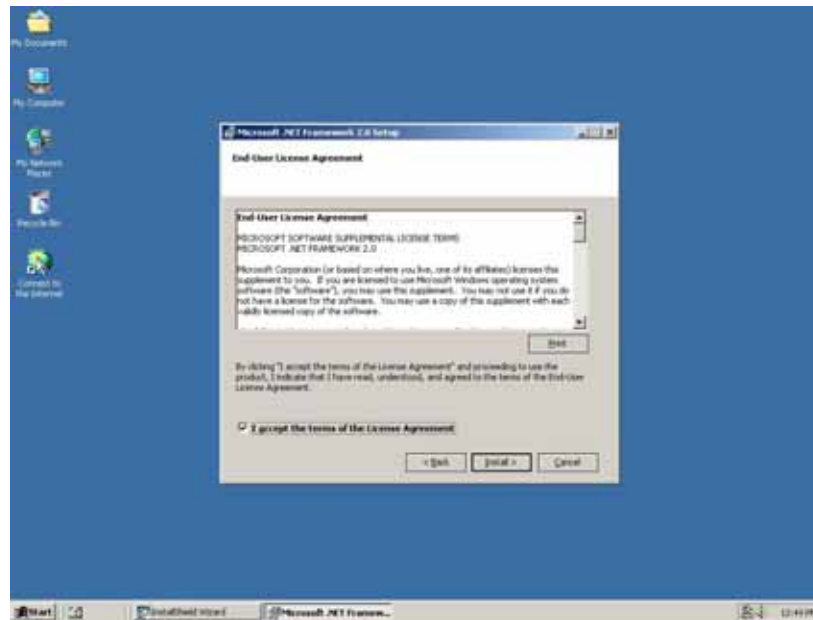
8. Log back in as administrator. Password is admin.



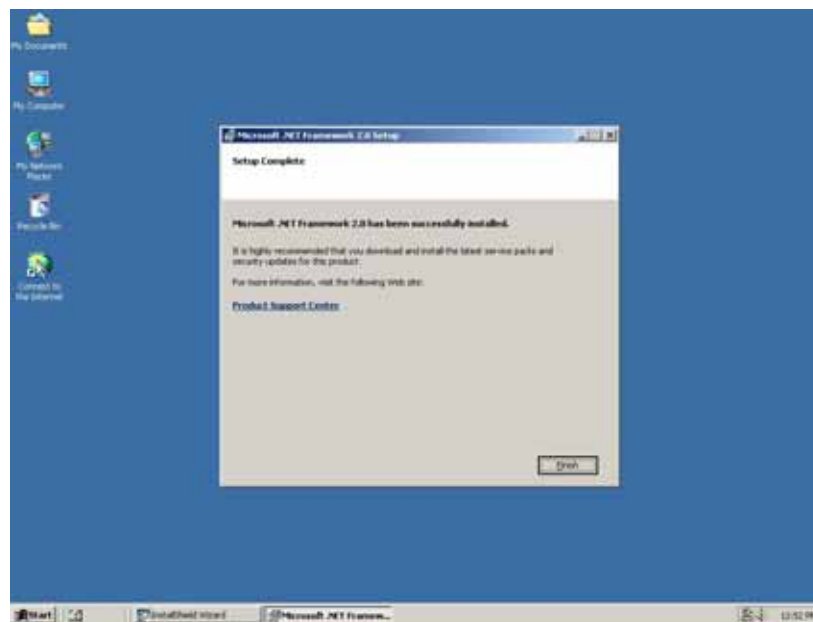
9. Run setup.exe from f:\Uscan\Install. If prompted press OK.



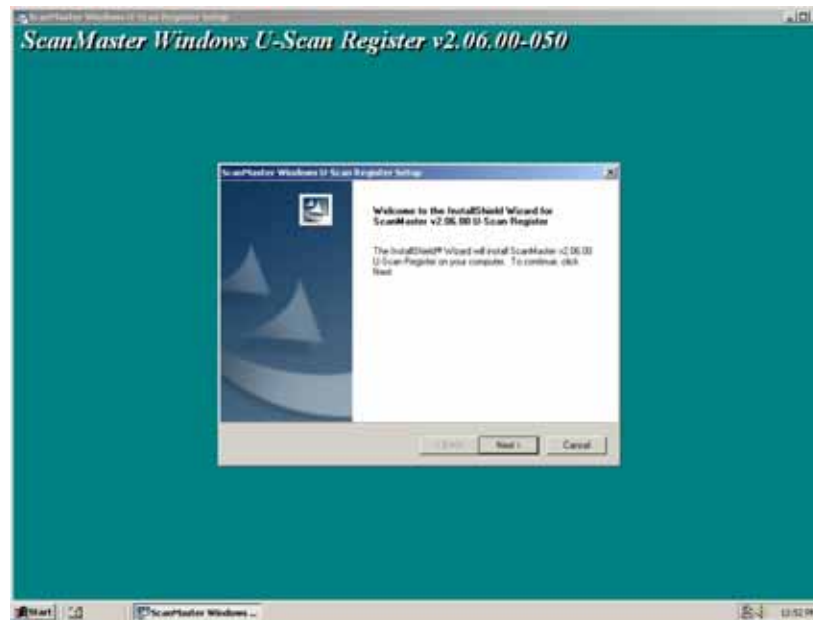
10. Press NEXT to continue.



11. Accept agreement and select INSTALL.



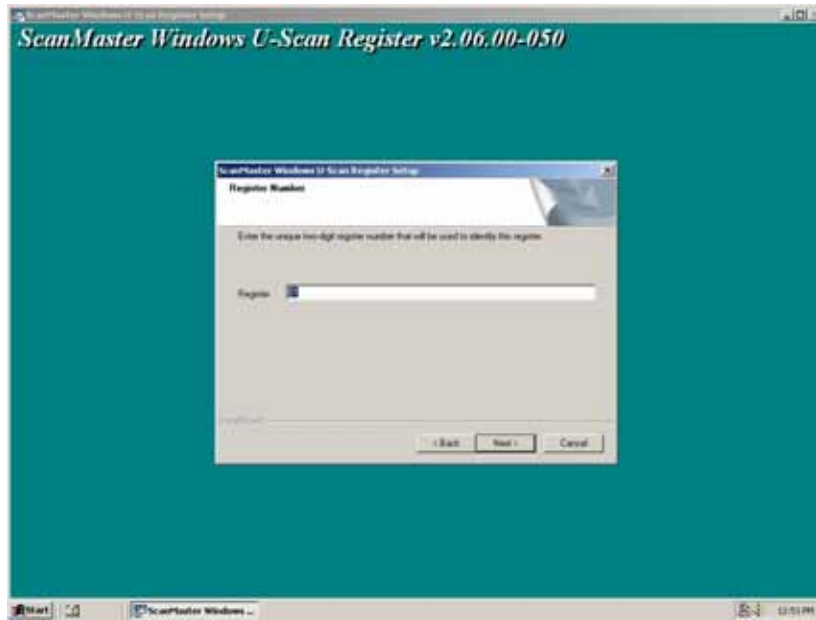
12. Select FINISH.



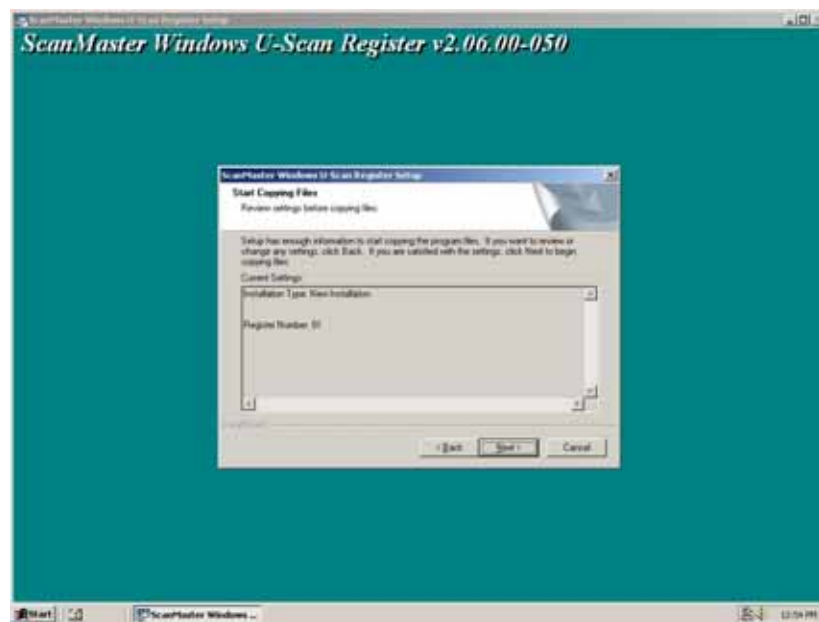
The *Installation Wizard Welcome* window displays.
13. Click NEXT.



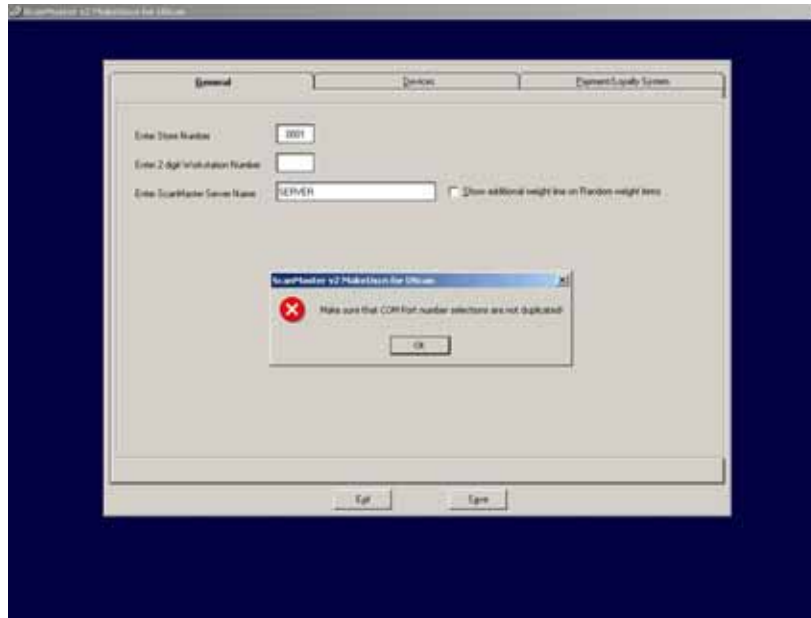
14. Setup Type Screen displays, Click NEXT.



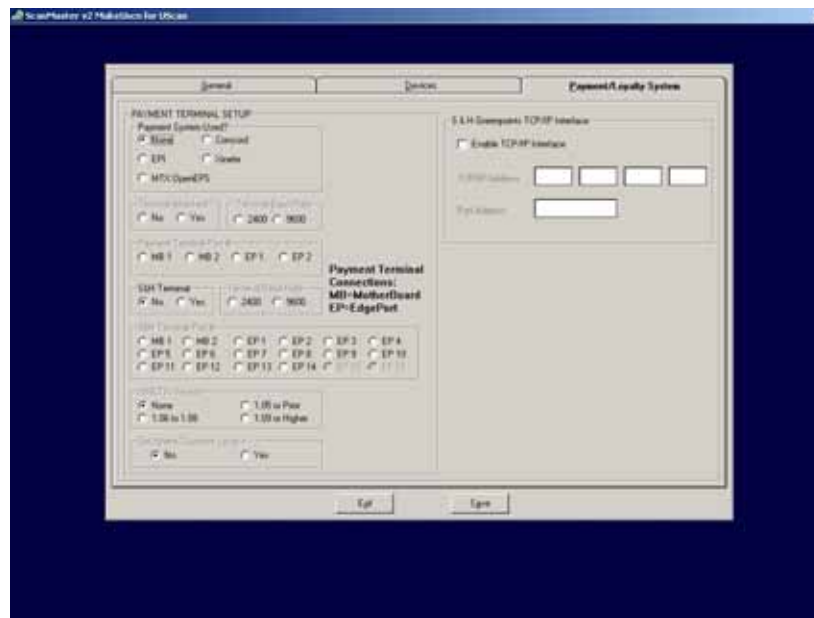
15. Enter Register Number screen displays, Enter Register Number and Click NEXT.



16. Start Copying Files screen displays, Click NEXT.



17. ScanMaster USCAN Install Utility screen displays. Press OK.



18. 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.

Installing the U-Scan Software

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

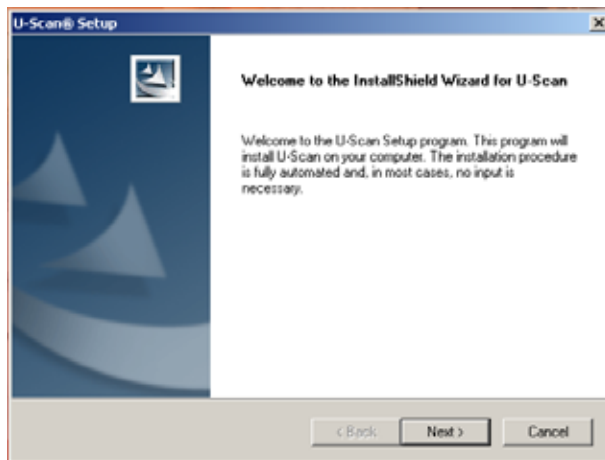
- 1) Insert the U-Scan software installation CD into the CD-ROM drive.
- 2) Double-click **My Computer** on the Windows desktop.

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



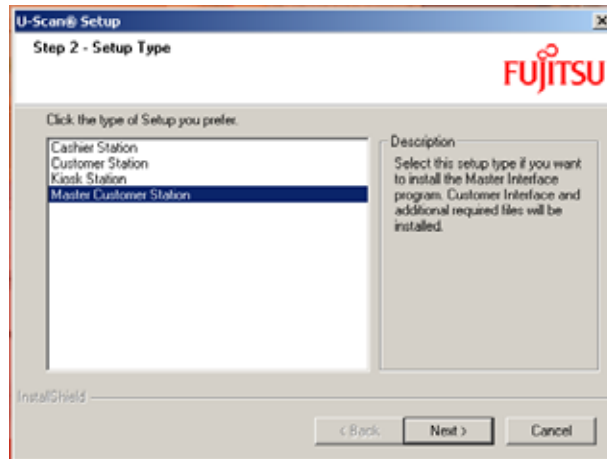
The **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING.** The software installs automatically. Do **NOT** click **Advanced**.

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.**

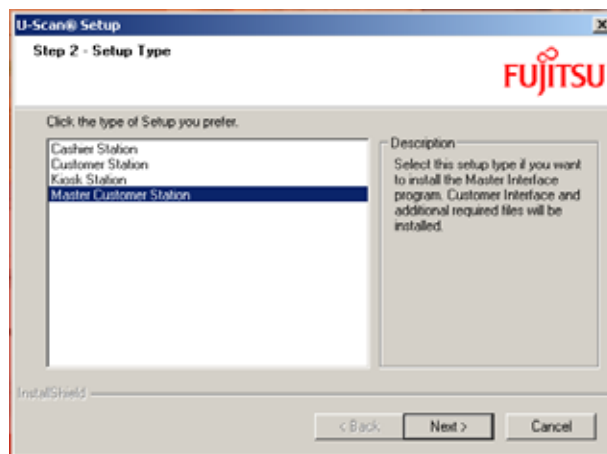
- 7) When the **Step 2 – Setup type** screen appears, select **Master Customer Station** then click **Next**.

NOTE: CRYSTAL REPORTS AND MICROSOFT DATABASE ENGINE COMPONENTS ARE INSTALLED.

A RESTART HAPPENS.



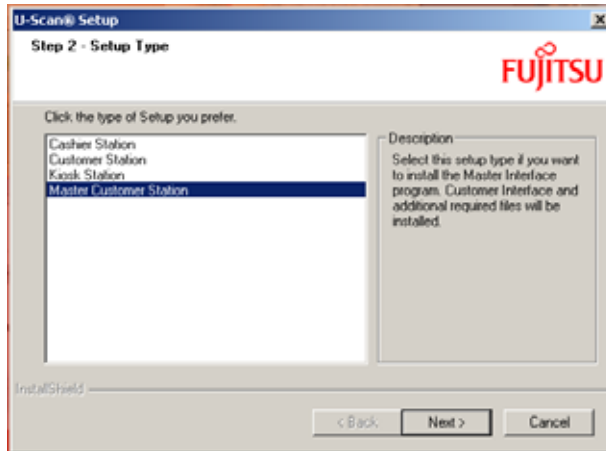
- 8) Again the **Step 2 – Setup type** screen appears, again select **Master Customer Station** then click **Next**.



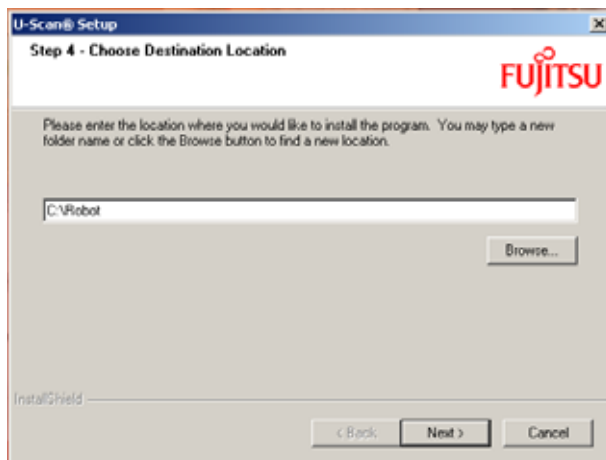
NOTE: MORE MDAC SOFTWARE IS INSTALLED.

A RESTART HAPPENS AGAIN.

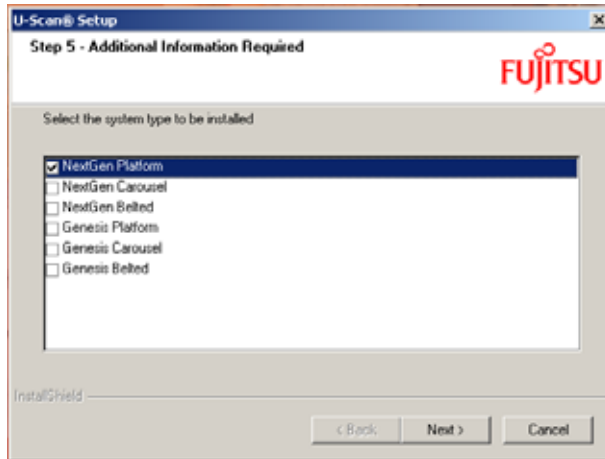
- 9) For the third time, the **Step 2 – Setup type** screen appears, select **Master Customer Station** then click **Next**.



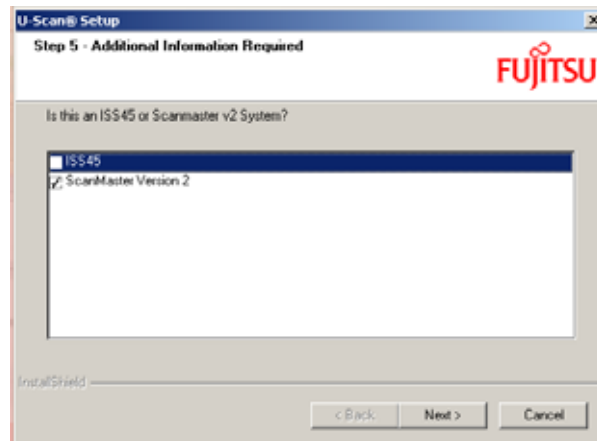
- 10) When the **Step 4 - Choose Destination Location** screen appears. A default destination folder is provided for the program (**C:\Robot**). Do **NOT** change this destination folder.



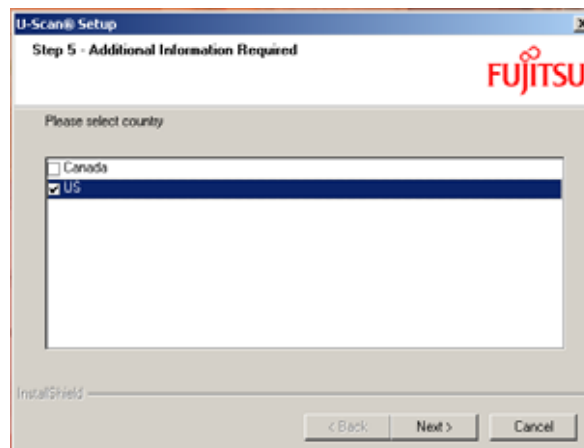
- 11) Click **Next**.
- 12) When the **Step 5 – Additional Information Required**, Select the type of U-SCAN system. **Ex: NextGen Platform**



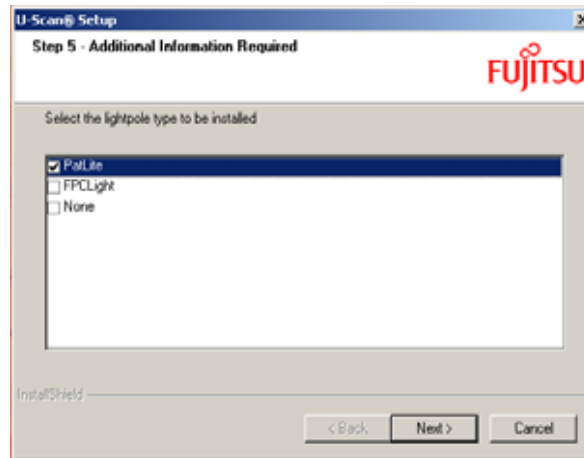
13) When the **Step 5 – Additional Information Required**, Select **ScanMaster** and click **Next**.



14) When the **Step 5 – Additional Information Required**, Select **US** or **Canada**



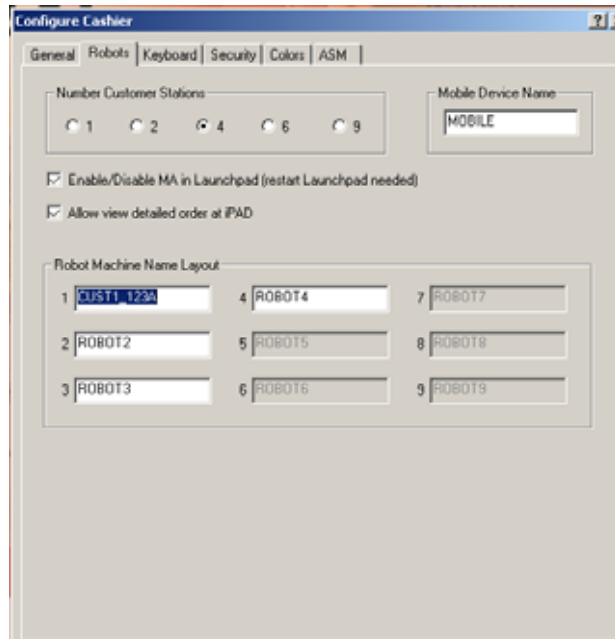
15) When the **Step 5 – Additional Information Required**, Select the **Type of Pole light**



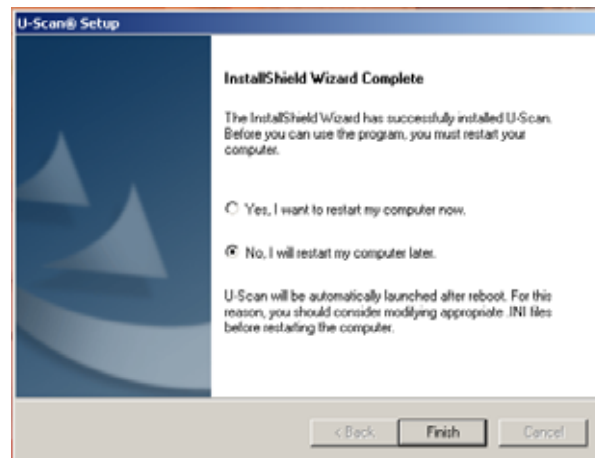
NOTE: ON THE MASTER CUSTOMER STATION YOU WILL GET A SCREEN TO CONFIGURE CASHIER. SELECT THE ROBOTS TAB AND PUT IN THE NAMES OF THE ROBOTS.

Note: Position 1 should have the name of the Master Customer Station. The example in this document is CUST1_123A

MAKE SURE THAT BOTH Enable/Disable MA in Launchpad and Allow view detailed order at iPad are both checked.



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



16) Click **Finish**.

17) Remove the U-Scan Software Installation CD from the CD-ROM drive.

18) 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) Click on **DealerConfig.exe**
- 5) Set up the setting that are to be used in the store and then exit the DealerConfig screen

Testing the Customer Station Hardware

- 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 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 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

Customizing the U-Scan Software Variables (Registry Files)

Note: The following **are just examples** of some registry changes that may need to be changed which is really dependant on the hardware your store has ordered. **These are just examples** and may not apply to your particular hardware configuration.

Note: If you find errors running the device tester, you may have to change some settings in the registry. **Below is an example** for the Bill Dispenser setting up denomination sizes and Bill denominations.

- 1) Click on Start and then click Run
- 2) Type regedit and press Enter
- 3) The Registry Editor displays.
- 4) Open HKEY_CURRENT_USER\ Software \ OptimalRobotics \ Devices \ BillDispenser \ Currency.
- 5) Double-click the **DenomSizesUS** setting.
- 6) Add **{20,175,130,15}** to the list and click **OK**.
- 7) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BillDispenser \ Standard**.
- 8) Double-click the **BillDenominations** setting.
- 9) Change the setting from 1,5,10 to **1,5,20**.
- 10) Click **OK**.
- 11) Close all windows and return to the Customer Station Computer desktop.

Note: **Below are examples** for the Bill Dispenser to set up the number of trays and Bill denominations.

- 1) Click on Start and then click Run
- 2) Type regedit and press Enter

- 3) The Registry Editor displays.
- 4) Open HKEY_CURRENT_USER\ Software \ OptimalRobotics \ Devices \ BillDispenser.
- 5) Double-click the **NumTrays** setting.
- 6) Set the setting to **3** and click **OK**.
- 7) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BillDispenser \ Standard**.
- 8) Double-click the **BillDenominations** setting.
- 9) Change the setting to **1,5,10**.
- 10) Click **OK**.

Note: **Below is an example** for setting the dual bag scale default to a single bag scale is also shown below.

- 1) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BagScale**.
- 2) Set the **SingleUnitMode** setting to **1**.
- 3) Close all windows and return to the Customer Station Computer desktop.

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.

- 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

- 89000288 (216.01A) image for the Ciara All-in-One and PC.
- 89000328 (P4I-TP100-04) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000466 (P4I TP3KWE03) image for the TeamPoS 3000 XL

Ensure You Have the Correct Customization CD

- 89000420 (P4C-216-07)

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

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.

Installing the image

Ensure You Have the Correct Imaging CD

- 89000288 (216.01A) image for the Ciara All-in-One and PC.
- 89000328 (P4I-TP100-04) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000466 (P4I TP3KWE03) 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.

Customizing the Image

Ensure You Have the Correct Customization CD

- 89000420 (P4C-216-07)

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.

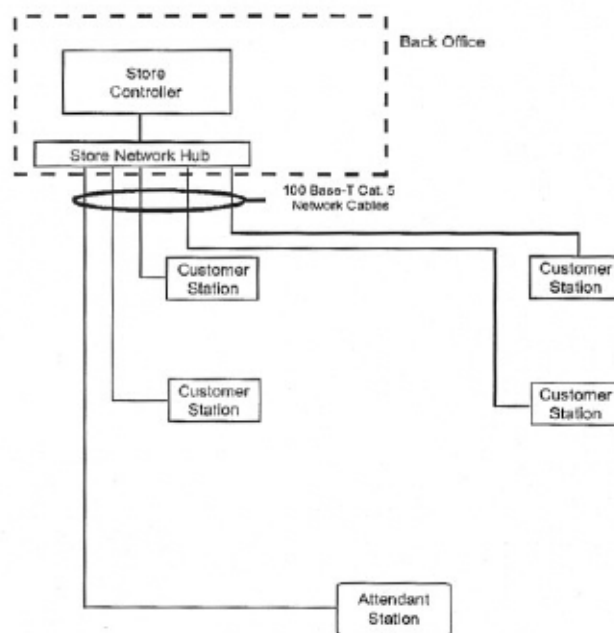
13) Verify that the **IP setting** is configured to Your IP Address for the LAN you are connecting to. (Example: **192.168.0.1**)

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

For a single Network card configuration, put in the 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!**

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) Disable, **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.

Note: Login on U-Scan as Administrator. Password is admin.

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.

Note: If the U-scan is connected to a Vista Server and/or Vista Backoffice and is running Pervasive v9.5 you MUST follow the instructions under “**PERVASIVE v9.5 PATCH INSTRUCTIONS WHEN RUNNING VISTA BUSINESS.**”

Pervasive v9.5 Patch Instructions when running Vista Business

Note: Login on U-Scan as Administrator. Password is admin.

1. After Pervasive is installed, stop both Pervasive services or the Workgroup engine and insert the ScanMaster Installation CD.
2. Copy the oledb_ftf.9.52.zip file to C:\PVSW\Bin folder.
3. Extract the files from the zip file to the Bin folder and follow the instructions in the readme.txt. (Register listed files using Regsvr32)
4. Restart the Pervasive services or Workgroup engine.
Note: If Vista is running on any of the ScanMaster server or Back Office PCs, this **MUST** be done on all ScanMaster PCs including the POS terminals.
5. If a PC is using v9.5 Workgroup and is a Back Office workstation, the following fix must be run.
6. On the root of the ScanMaster install CD, double click the psqslvcsetup.zip file.
7. Double click on psqslvcsetup.exe
8. Click **NEXT** at the Welcome Screen.
9. At the Select Destination Location screen click **NEXT** (this assumes that Pervasive is installed in C:\PVSW, change this if that is not the correct location).
10. At the Select Service Account screen, select "This account" and enter .\Administrator in the Account Name field. Enter the Administrator password and confirm.
11. Click **NEXT**.
12. Click **INSTALL**.
13. Click **FINISH**.

This will cause the Pervasive Workgroup engine to load as a service instead of a tray application which is required to resolve a startup issue on Vista.

OPOS Installation

Installation Preparation

Note: Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.06.00 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.

OPOS Common Control (RCS)

1. Login to the U-Scan as the Administrator. Password is admin.
2. Using Windows Explorer, browse to the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\ Common Controls folder on the workstation.
3. 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.

4. Click Next.

The Readme File window displays

5. Click NEXT.

The Choose Destination Location window displays.

6. Accept Default Folder and Click NEXT.

The Backup Replaced OPOS CCO Files window displays.

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

The Select OPOS CCO Components window displays.

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

The Start Installation window displays.

9. Click NEXT.

The Installation Complete window displays.

10. Click FINISH.

FTXS OPOS (Fujitsu)

1. Login to the U-Scan as the Administrator.
2. Using Windows Explorer, browse to the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\FTXSOPPOS folder on the workstation.
3. 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.

4. Click Next.

The License Agreement window displays

5. Accept the agreement and click NEXT.

The Setup Type window displays

6. 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.

7. Click NEXT.

The Select Components window displays.

8. 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

9. Click Next.

If TeamPos 3000, Skip to step 12.

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

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

11. Click NEXT.

The Select OPOS Device Registry Settings Option window displays.

12. Select "Customize Each Device Port Settings".

13. Click NEXT.

The Current Settings window displays. Verify Settings.

14. Click NEXT.

The Installation window displays.

15. Click INSTALL.

The Devices Logical Name window displays.

16. Click NEXT. (D22_D25_MSR).

17. Click NEXT. (D22_D25_KLK).

18. Click NEXT. (VF60-1).

19. Click NEXT. (FjMCPCD1) TeamPoS 2000, (TP3K_CD1) TeamPoS 3000.

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

20. Click NO.

21. Click NEXT. (fjkbds)

22. Click NEXT. (fjklks)

23. Click NEXT. (fjmsrs)

24. Click NEXT. (FJPosKBTone)

25. Click NEXT. (SlimScan1200)

26. Click NEXT. (Fujitsu7521E_S)

27. Click NEXT. (Fujitsu7521E_S_Scale)

28. Click NEXT. (fjvfdso)

The InstallShield Wizard Complete window displays.

29. Click FINISH.

TPG OPOS (For Installations w/ TPG A760, A776, A794 Printers)

Note: Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.06.00 Install CD to the hard drive of your workstation. (You should have previously mapped a drive to 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.

1. Login to the U-Scan as the Administrator. Password is admin.
2. Open Windows Explorer and browse to the \DRIVERS\TPG OPOS and 776 USB Driver folder.

3. Double-click **Install.bat**

The Printer Model Menu displays.

4. Press the letter corresponding to the Printer Model being installed at the Attendant Station.

Window displays asking if you are sure you wish to update the registry.

5. Click **Yes**.

Window displays stating information has been successfully entered into the registry.

6. Click **OK**.

Window displays stating DLLRegisterServer in tpg.dll succeeded.

7. Click **OK**.

Window displays stating oposposprinter.ocx succeeded.

8. Click **OK**.

Window displays stating oposcashdrawer.ocx succeeded.

9. Click **OK**.

Window displays stating oposmicr.ocx succeeded.

10. Click **OK**.

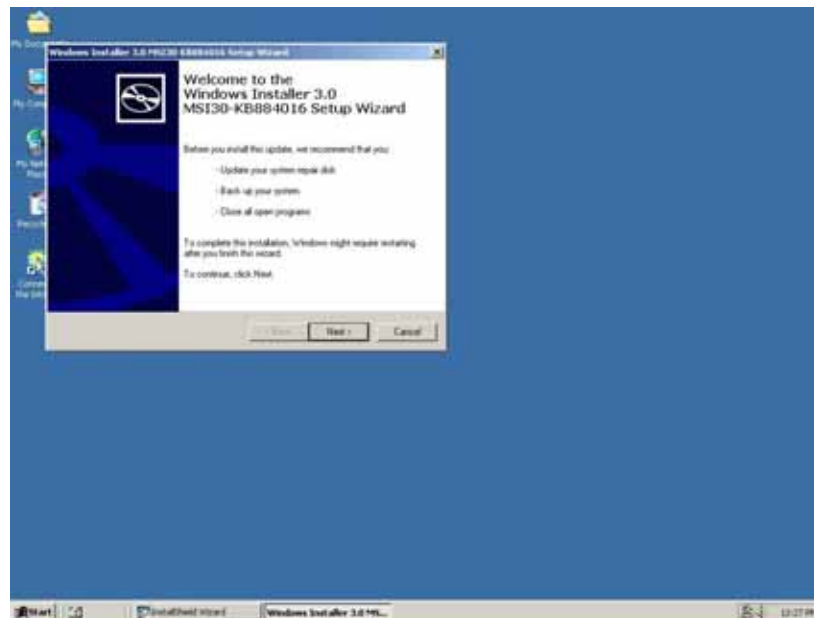
The TPG OPOS Printer is installed.

Install ScanMaster U-Scan Software

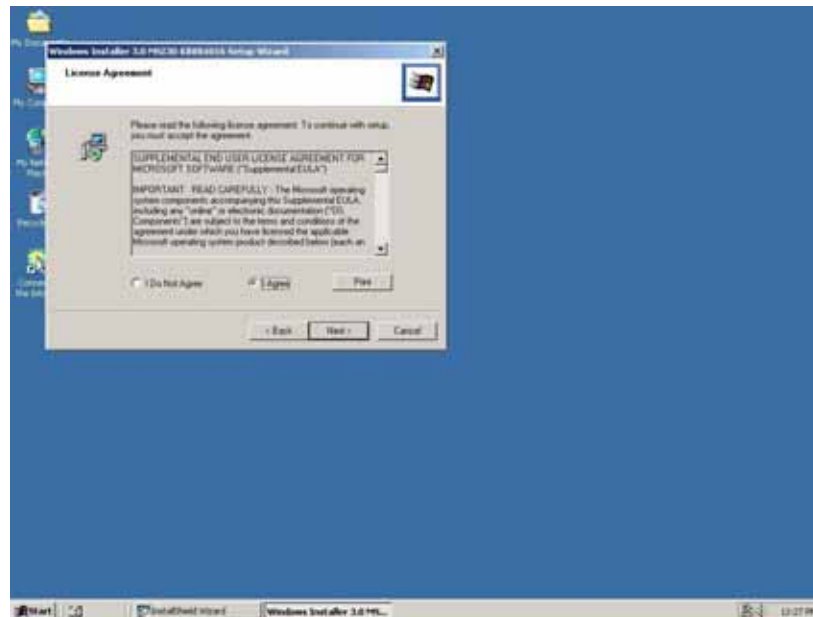
1. Insert ScanMaster CD into the ScanMaster Server and from U-SCAN\U-scanToServer folder run Setup.exe. This will create F:\USCAN\Install folder.
2. From U-Scan Lane, Map F: Drive.
3. Run Setup.exe from F:\USCAN\Install\Setup.exe



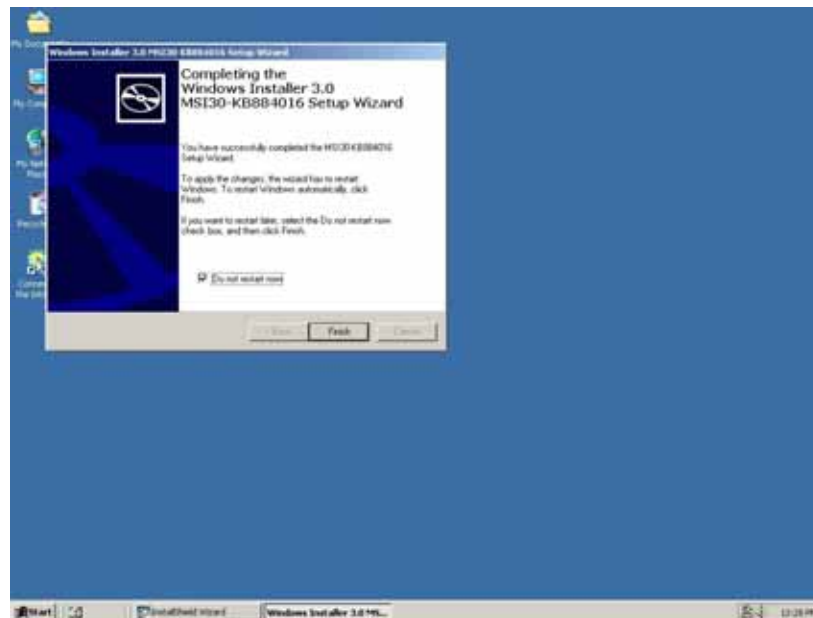
4. If the appropriate version of .NET and MSI is not currently installed system will prompt that it is installing these components. Press OK.



5. Select NEXT.

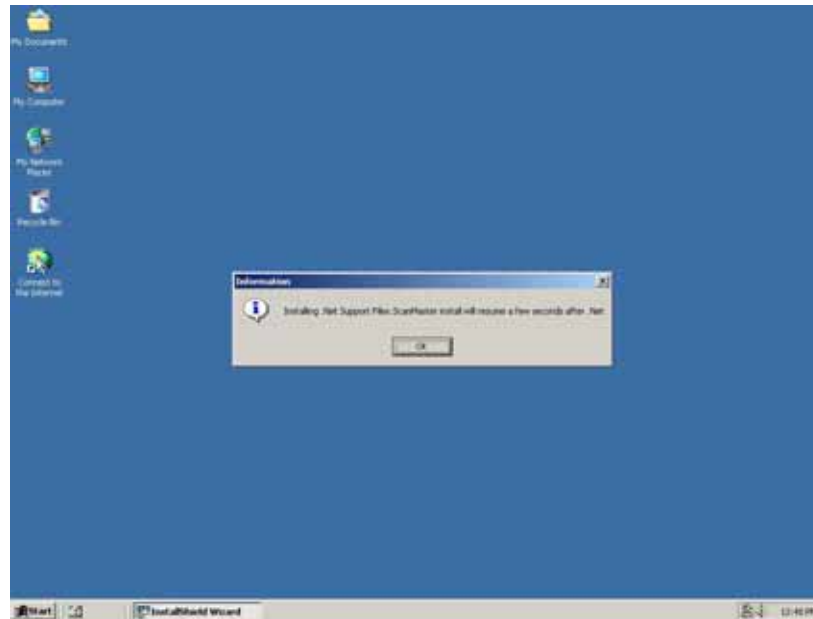


6. Select "I Agree" and press NEXT.

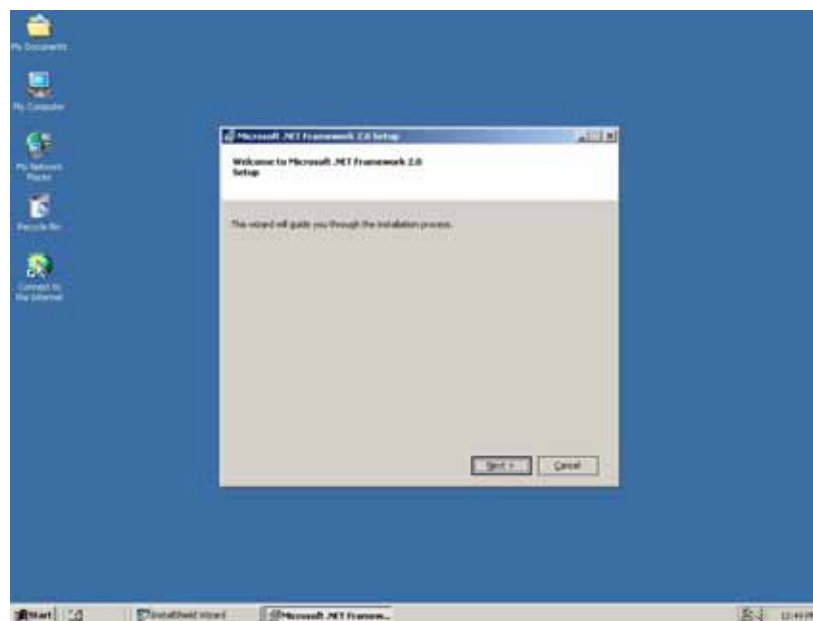


7. Place check mark in box "Do not restart now," and press FINISH. U-Scan will reboot at this point.

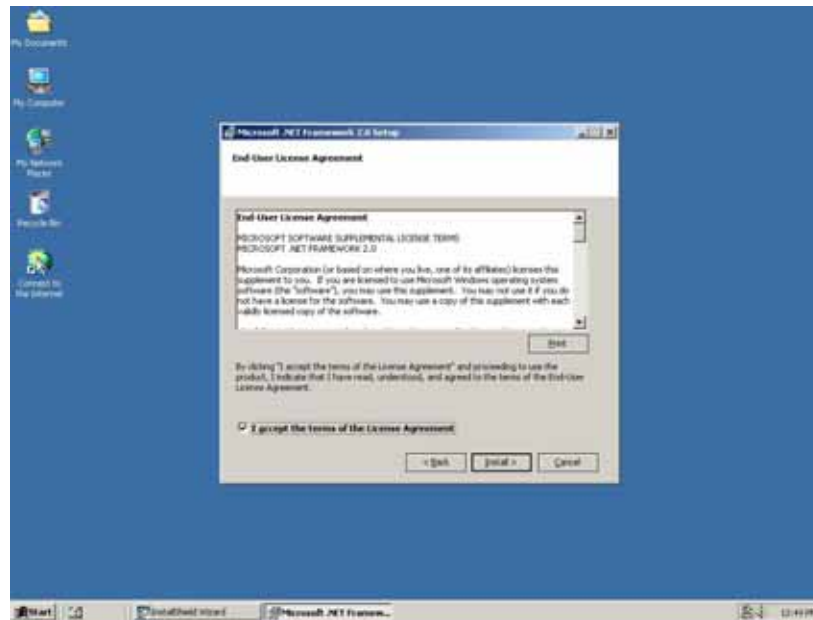
8. Log back in as administrator. Password is admin.



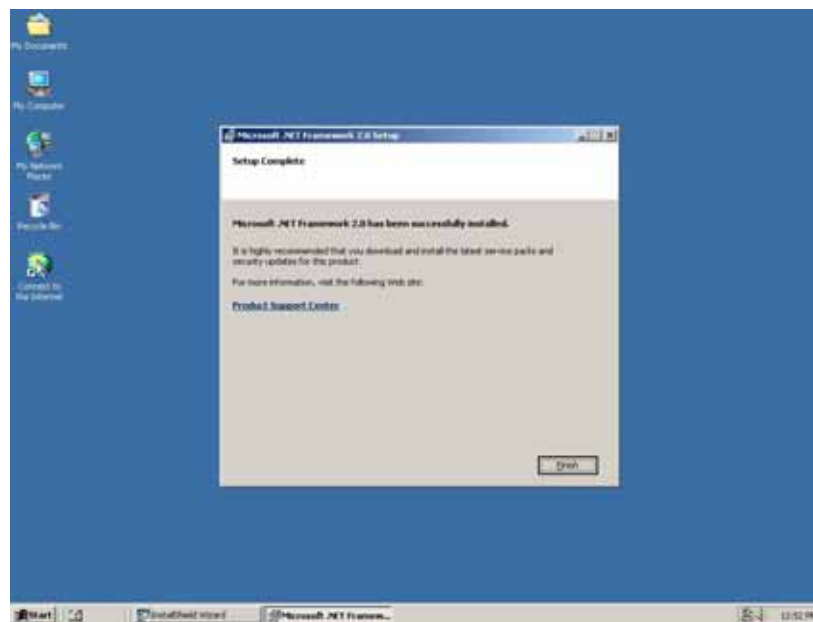
9. Run setup.exe from f:\Uscan\Install. If prompted press OK.



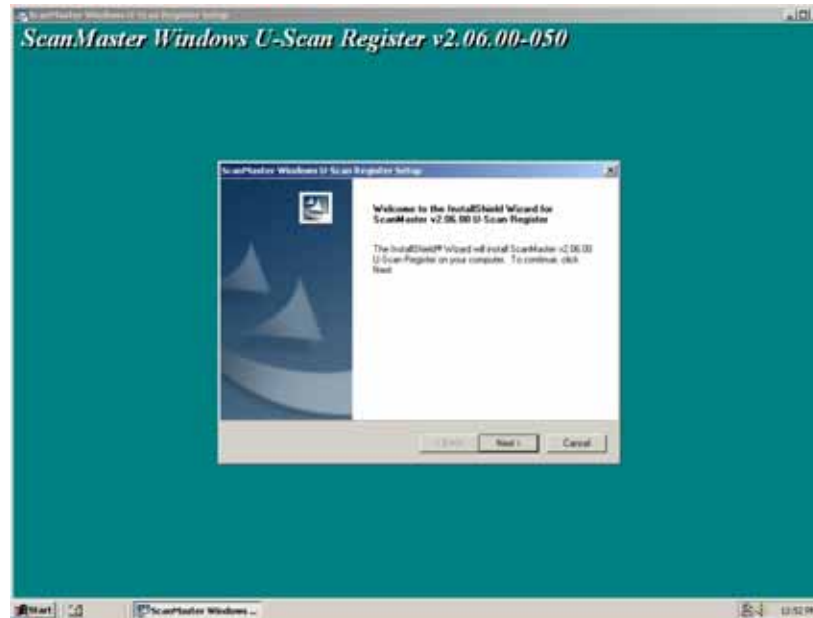
10. Press NEXT to continue.



11. Accept agreement and select INSTALL.



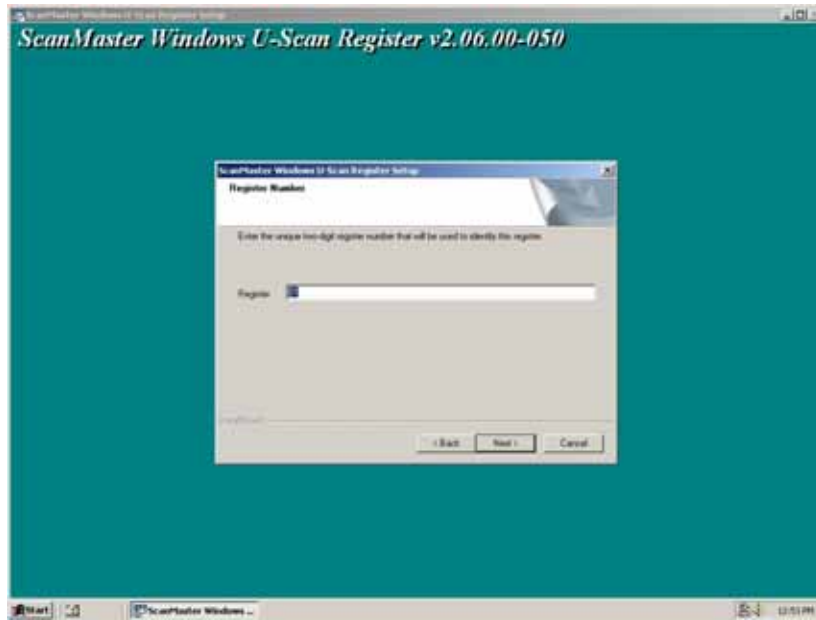
12. Select FINISH.



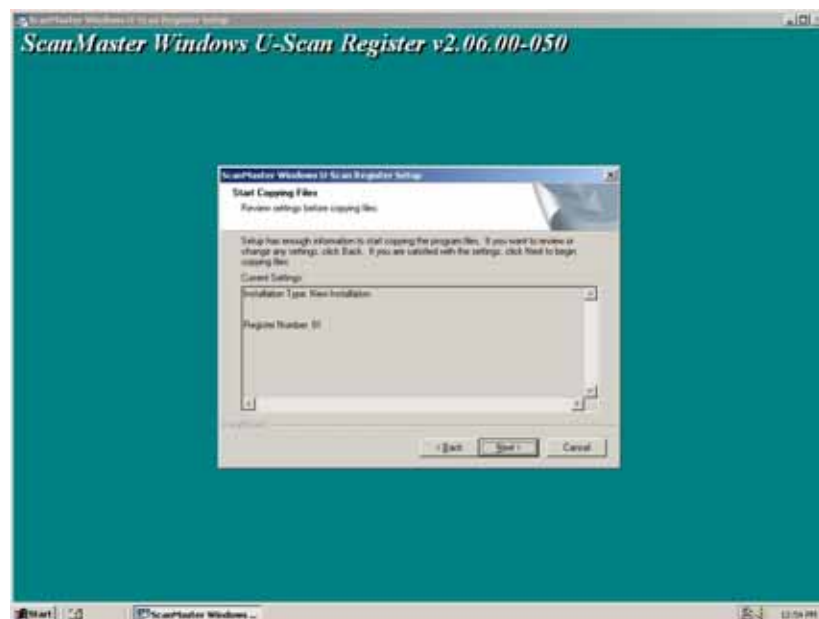
The Installation Wizard Welcome window displays.
13. Click NEXT.



14. Setup Type Screen displays, Click NEXT.



15. Enter Register Number screen displays, Enter Register Number and Click NEXT.



16. Start Copying Files screen displays, Click NEXT.

Installing the U-Scan Software

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

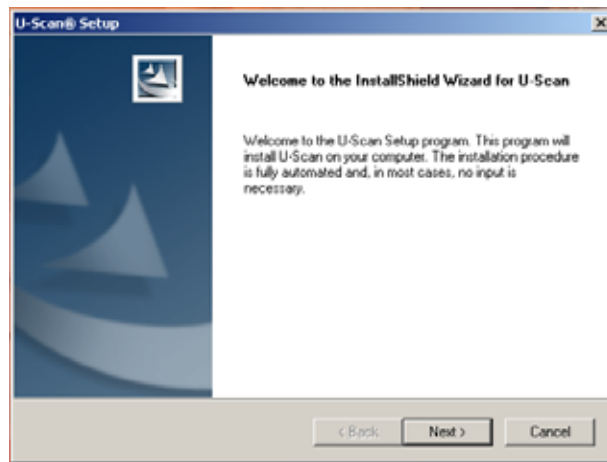
- 1) Insert the U-Scan software installation CD into the CD-ROM drive.
- 2) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

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

The list of the files on the CD appears.

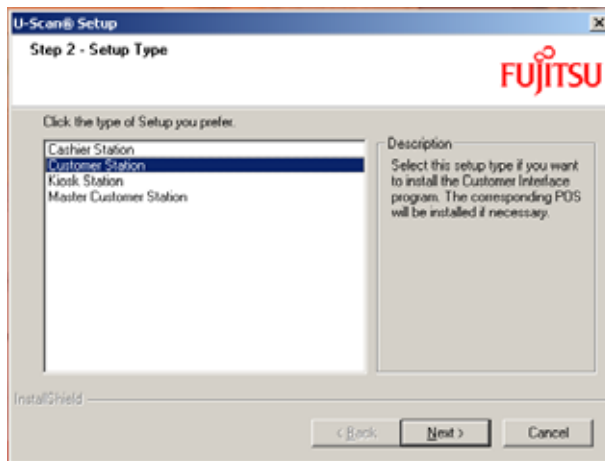
- 4) Double click the **CD_ROOT** folder.
- 5) Double-click **Setup.exe**.
- 6) When the Welcome to the InstallShield wizard for U-Scan screen appears, click, **Next**.



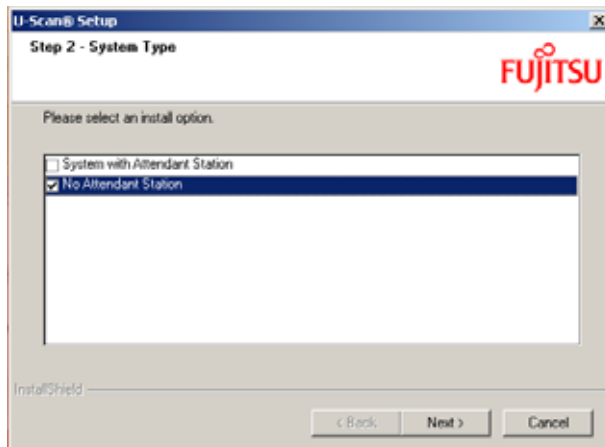
The **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING**. The software installs automatically. Do **NOT** click **Advanced**.

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**.

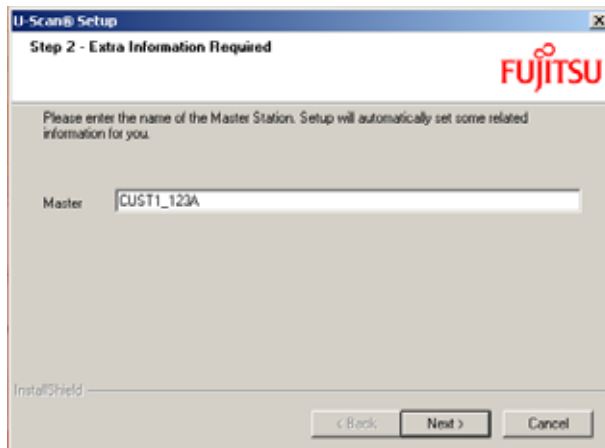
- 7) When the **Step 2 – Setup type** screen appears, select **Customer Station** then click, **Next**.



- 8) When the **Step 2 – System Type** screen appears, select **No Attendant Station** then click, **Next**.



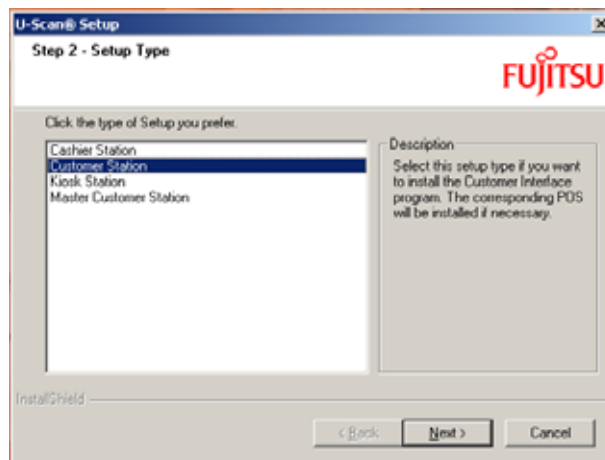
- 9) When the **Step 2 – Extra Information Required** screen appears, type the name of the Master station, (Example CUST1_123A) then click, **Next**.



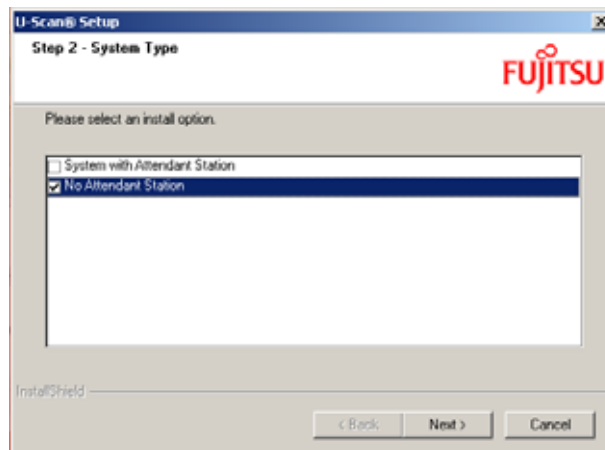
NOTE: CRYSTAL REPORTS AND MICROSOFT DATABASE ENGINE COMPONENTS ARE INSTALLED.

A RESTART HAPPENS.

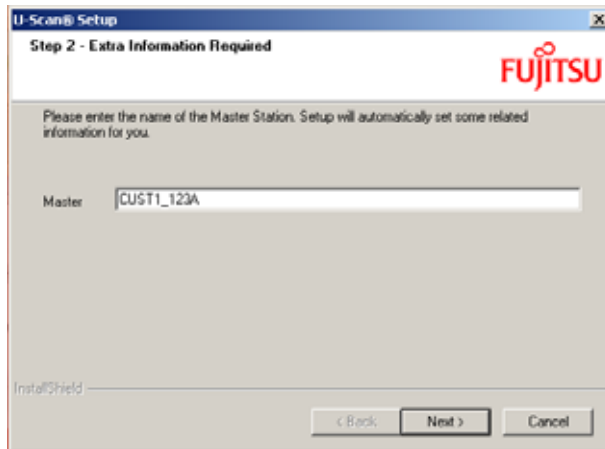
10) Again the **Step 2 – Setup type** screen appears, again select **Customer Station** then click, **Next**.



11) Again the **Step 2 – System Type** screen appears, select **No Attendant Station** then click, **Next**.



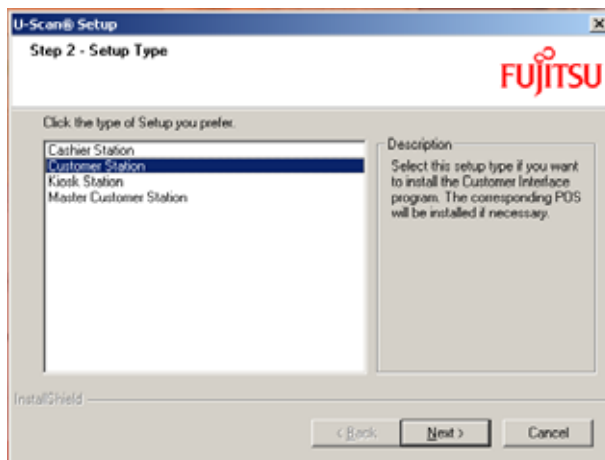
12) Again the **Step 2 – Extra Information Required** screen appears, type the name of the Master station (Example CUST1_123A) click, **Next**.



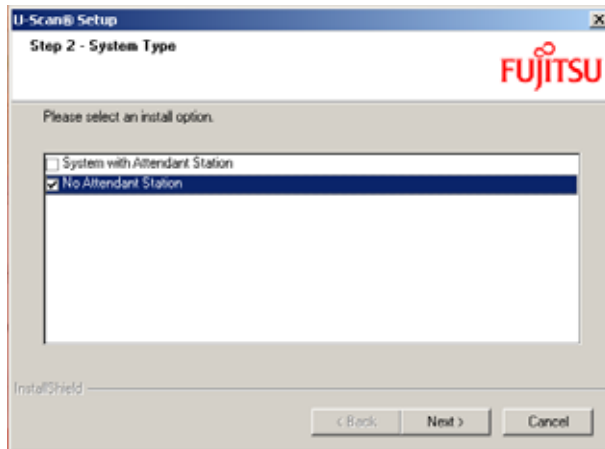
NOTE: MORE MDAC SOFTWARE IS INSTALLED.

A RESTART HAPPENS AGAIN.

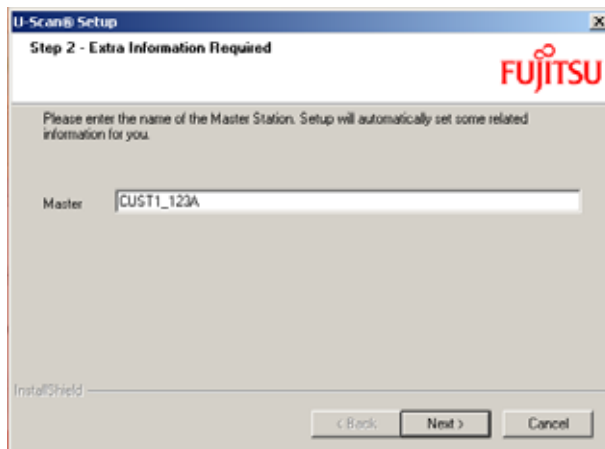
13) For the third time, the **Step 2 – Setup type** screen appears, again select **Customer Station** then click, **Next**.



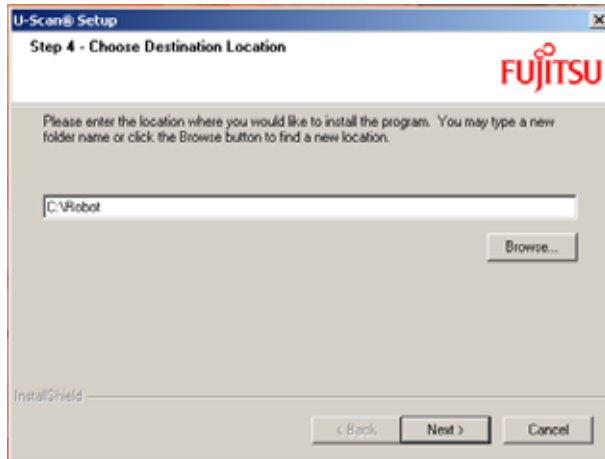
14) For the third time, the **Step 2 – System Type** screen appears, select **No Attendant Station** then click, **Next**.



- 15) For the third time, the **Step 2 – Extra Information Required** screen appears, type the name of the Master station (Example CUST1_123A) then click **Next**.

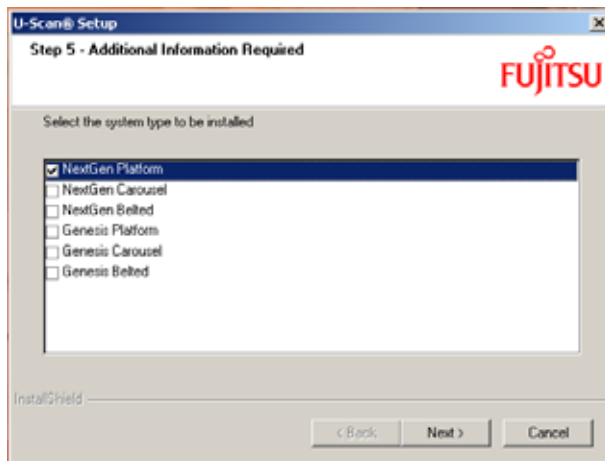


- 16) When the **Step 4 - Choose Destination Location** screen appears. A default destination folder is provided for the program (C:\Robot). Do **NOT** change this destination folder.

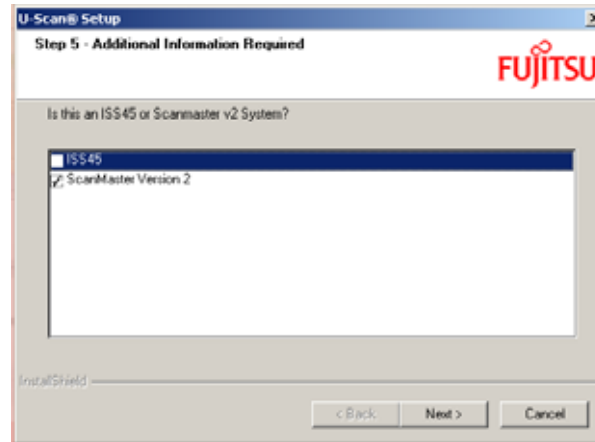


17) Click **Next**.

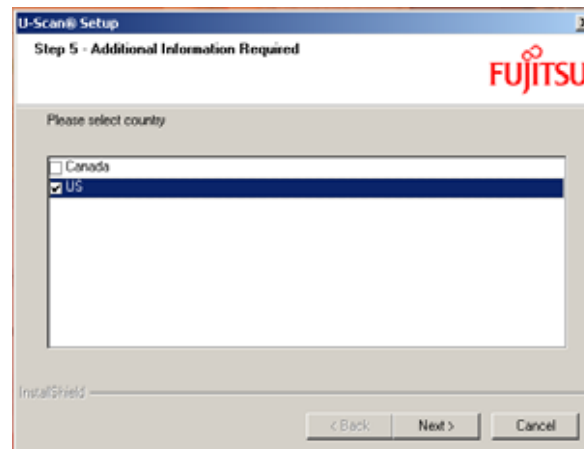
18) When the **Step 5 – Additional Information Required**, Select the type of U-SCAN system. **Ex: NextGen Platform**.



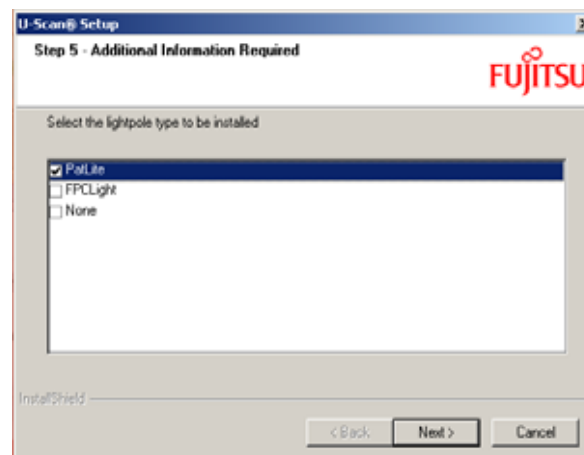
19) When the **Step 5 – Additional Information Required**, Select **ScanMaster** and click **Next**.



20) When the **Step 5 – Additional Information Required**, Select **US** or **Canada**.



21) When the **Step 5 – Additional Information Required**, Select the **Type of Pole Light** or **None**.



NOTE: ON THE CUSTOMER STATION YOU WILL GET A SCREEN TO CONFIGURE MOBILE. PUT IN THE NAMES OF THE ROBOTS.

Note: Position 1 should have the name of the Master Customer Station. The example in this document is CUST1_123A.

MAKE SURE THAT BOTH: Enable/Disable MA in Launchpad and Allow view detailed order at iPad are both checked.

Configure Mobile

Robots

Number Customer Stations

☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 9

Mobile Device Name

Mobile

☒ Enable/Disable MA in Launchpad (restart Launchpad needed)

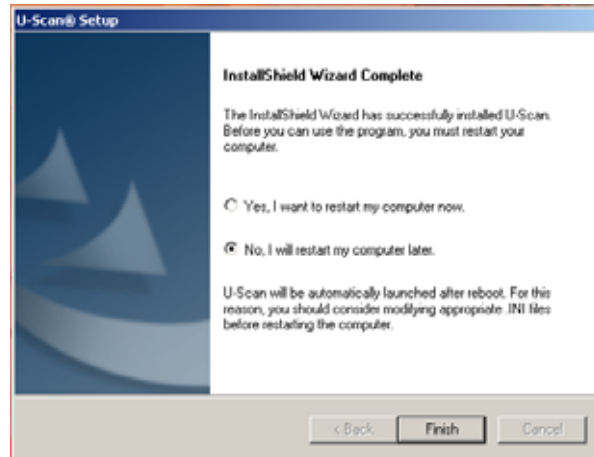
☒ Allow view detailed order at iPad

Robot Machine Name Layout

1 CUST1_123A	4 ROBOT4	7 ROBOT7
2 CUST2_123A	5 ROBOT5	8 ROBOT8
3 ROBOT3	6 ROBOT6	9 ROBOT9

OK Cancel Apply

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



22) Click **Finish**.

23) Remove the **Software Installation CD** from the CD-ROM drive.

24) 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 settings that are to be used in the store and then exit the DealerConfig screen.

Testing the Customer Station Hardware

- 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 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 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

Customizing the U-Scan Software Variables (Registry Files)

Note: The following **are just examples** of some registry changes that may need to be changed which is really dependant on the hardware your store has ordered. **These are just examples** and may not apply to your particular hardware configuration.

Note: If you find errors running the device tester, you may have to change some settings in the registry. **Below is an example** for the Bill Dispenser setting up denomination sizes and Bill denominations.

- 1) Click on **Start** and then click **Run**.
- 2) Type **regedit** and press **Enter**.
- 3) The Registry Editor displays.
- 4) Open **HKEY_CURRENT_USER\ Software \ OptimalRobotics \ Devices \BillDispenser \ Currency**.
- 5) Double-click the **DenomSizesUS** setting.
- 6) Add **{20,175,130,15}** to the list and click **OK**.
- 7) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BillDispenser \ Standard**.
- 8) Double-click the **BillDenominations** setting.
- 9) Change the setting from 1,5,10 to **1,5,20**.
- 10) Click **OK**.
- 11) Close all windows and return to the Customer Station Computer desktop.

Note: If you find errors running the device tester, you may have to change some settings in the registry. **Below are examples** for the Bill Dispenser to set up the number of trays and Bill denominations. Another example for setting the dual bag scale default to a single bag scale is also shown below.

- 1) Click on **Start** and then click **Run**.

- 2) Type regedit and press Enter.
- 3) The Registry Editor displays.
- 4) Open HKEY_CURRENT_USER\ Software \ OptimalRobotics \ Devices \ BillDispenser.
- 5) Double-click the **NumTrays** setting.
- 6) Set the setting to **3** and click **OK**.
- 7) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BillDispenser \ Standard**.
- 8) Double-click the **BillDenominations** setting.
- 9) Change the setting to **1,5,10**.
- 10) Click **OK**.
- 11) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BagScale**.
- 12) Set the **SingleUnitMode** setting to **1**.
- 13) Close all windows and return to the Customer Station Computer desktop.

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

- 89000288 (216.01A) image for the Ciara All-in-One and PC.
- 89000328 (P4I-TP100-04) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000466 (P4I TP3KWE03) image for the TeamPoS 3000 XL

Ensure You Have the Correct Customization CD

- 89000420 (P4C-216-07)

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

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

Installing the image

Ensure You Have the Correct Imaging CD

- 89000288 (216.01A) image for the Ciara All-in-One and PC.
- 89000328 (P4I-TP100-04) image for the TeamPoS 2000 M (AMIBIOS ID: 1ambc038)
- 89000466 (P4I TP3KWE03) 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

Customizing the Image

Ensure You Have the Correct Customization CD

- 89000420 (P4C-216-07)

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**

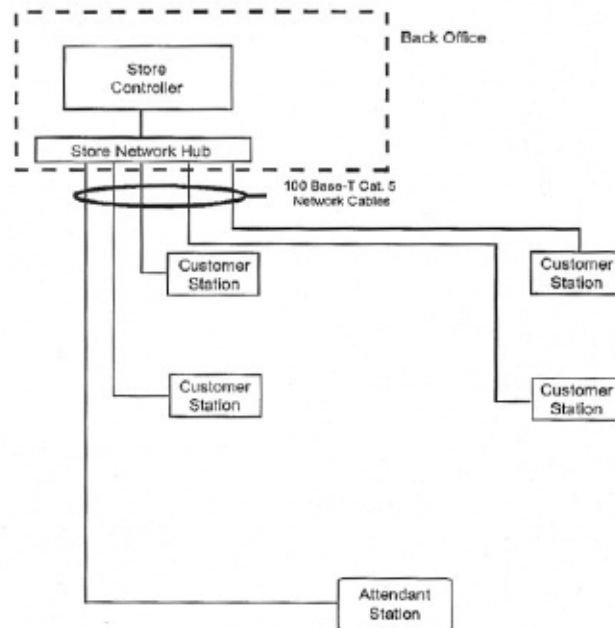
13) Verify that the **IP setting** is configured to Your IP Address for the LAN you are connecting to. (Example: **192.168.0.1**)

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) Disable **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.

Note: Login on U-Scan as Administrator. Password is admin.

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.

Note: If the U-scan is connected to a Vista Server and/or Vista Backoffice and is running Pervasive v9.5 you MUST follow the instructions under “**PERVASIVE v9.5 PATCH INSTRUCTIONS WHEN RUNNING VISTA BUSINESS.**”

Pervasive v9.5 Patch Instructions when running Vista Business

Note: Login on U-Scan as Administrator. Password is admin.

1. After Pervasive is installed, stop both Pervasive services or the Workgroup engine and insert the ScanMaster Installation CD.
2. Copy the oledb_ftf.9.52.zip file to C:\PVSW\Bin folder.
3. Extract the files from the zip file to the Bin folder and follow the instructions in the readme.txt. (Register listed files using Regsvr32)
4. Restart the Pervasive services or Workgroup engine.
Note: If Vista is running on any of the ScanMaster server or Back Office PCs, this **MUST** be done on all ScanMaster PCs including the POS terminals.
5. If a PC is using v9.5 Workgroup and is a Back Office workstation, the following fix must be run.
6. On the root of the ScanMaster install CD, double click the psqslvcsetup.zip file.
7. Double click on psqslvcsetup.exe
8. Click **NEXT** at the Welcome Screen.
9. At the Select Destination Location screen click **NEXT** (this assumes that Pervasive is installed in C:\PVSW, change this if that is not the correct location).
10. At the Select Service Account screen, select "This account" and enter .\Administrator in the Account Name field. Enter the Administrator password and confirm.
11. Click **NEXT**.
12. Click **INSTALL**.
13. Click **FINISH**.

This will cause the Pervasive Workgroup engine to load as a service instead of a tray application which is required to resolve a startup issue on Vista.

OPOS Installation

Installation Preparation

Note: Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.06.00 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.

OPOS Common Control (RCS)

1. Login to the U-Scan as the Administrator. Password is admin.
2. Using Windows Explorer, browse to the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\ Common Controls folder on the workstation.
3. 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.

4. Click Next.

The Readme File window displays

5. Click NEXT.

The Choose Destination Location window displays.

6. Accept Default Folder and Click NEXT.

The Backup Replaced OPOS CCO Files window displays.

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

The Select OPOS CCO Components window displays.

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

The Start Installation window displays.

9. Click NEXT.

The Installation Complete window displays.

10. Click FINISH.

FTXS OPOS (Fujitsu)

1. Login to the U-Scan as the Administrator.
2. Using Windows Explorer, browse to the DRIVERS\TeamPoS3000_Software_Support\Drivers\OPOS\FTXSOPPOS folder on the workstation.
3. 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.

4. Click Next.

The License Agreement window displays

5. Accept the agreement and click NEXT.

The Setup Type window displays

6. 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.

7. Click NEXT.

The Select Components window displays.

8. 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

9. Click Next.

If TeamPos 3000, Skip to step 12.

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

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

11. Click NEXT.

The Select OPOS Device Registry Settings Option window displays.

12. Select "Customize Each Device Port Settings".

13. Click NEXT.

The Current Settings window displays. Verify Settings.

14. Click NEXT.

The Installation window displays.

15. Click INSTALL.

The Devices Logical Name window displays.

16. Click NEXT. (D22_D25_MSR).

17. Click NEXT. (D22_D25_KLK).

18. Click NEXT. (VF60-1).

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

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

20. Click NO.

21. Click NEXT. (fjkbds)

22. Click NEXT. (fjklks)

23. Click NEXT. (fjmsrs)

24. Click NEXT. (FJPosKBTone)

25. Click NEXT. (SlimScan1200)

26. Click NEXT. (Fujitsu7521E_S)

27. Click NEXT. (Fujitsu7521E_S_Scale)

28. Click NEXT. (fjvfdso)

The InstallShield Wizard Complete window displays.

29. Click FINISH.

TPG OPOS (For Installations w/ TPG A760, A776, A794 Printers)

Note: Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.06.00 Install CD to the hard drive of your workstation. (You should have previously mapped a drive to 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.

1. Login to the U-Scan as the Administrator. Password is admin.
2. Open Windows Explorer and browse to the \DRIVERS\TPG OPOS and 776 USB Driver folder.

3. Double-click **Install.bat**

The Printer Model Menu displays.

4. Press the letter corresponding to the Printer Model being installed at the Attendant Station.

Window displays asking if you are sure you wish to update the registry.

5. Click **Yes**.

Window displays stating information has been successfully entered into the registry.

6. Click **OK**.

Window displays stating DLLRegisterServer in tpg.dll succeeded.

7. Click **OK**.

Window displays stating oposposprinter.ocx succeeded.

8. Click **OK**.

Window displays stating oposcashdrawer.ocx succeeded.

9. Click **OK**.

Window displays stating oposmicr.ocx succeeded.

10. Click **OK**.

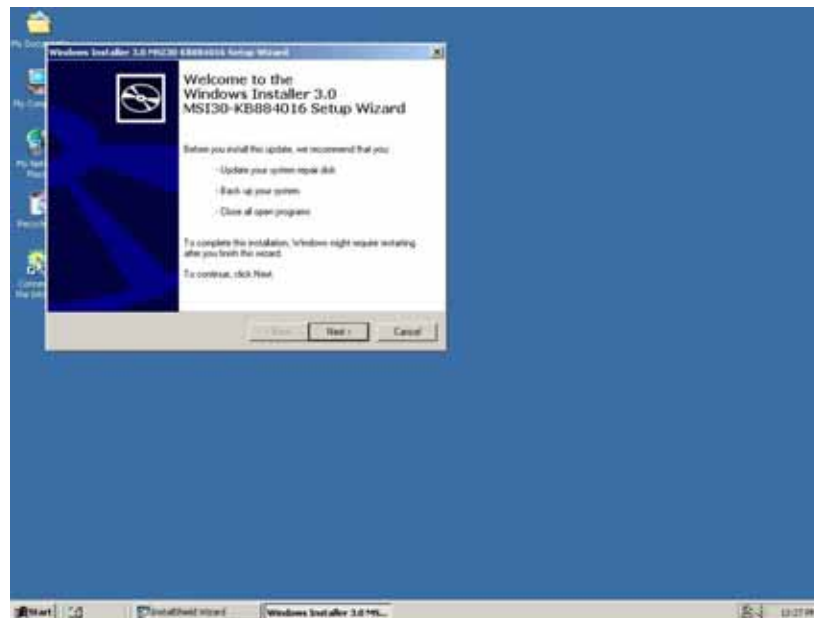
The TPG OPOS Printer is installed.

Install ScanMaster U-Scan Software

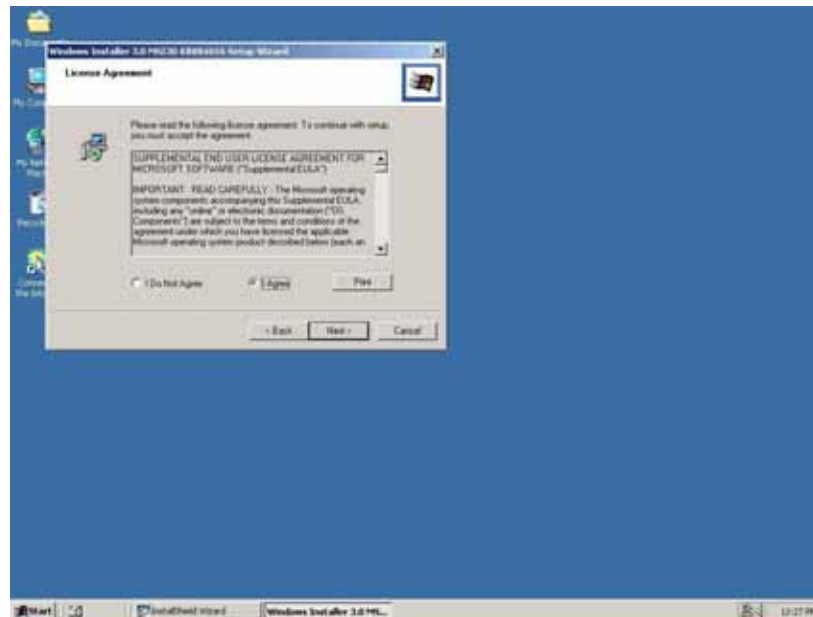
1. Insert ScanMaster CD into the ScanMaster Server and from U-SCAN\U-scanToServer folder run Setup.exe. This will create F:\USCAN\Install folder.
2. From U-Scan Lane, Map F: Drive.
3. Run Setup.exe from F:\USCAN\Install\Setup.exe



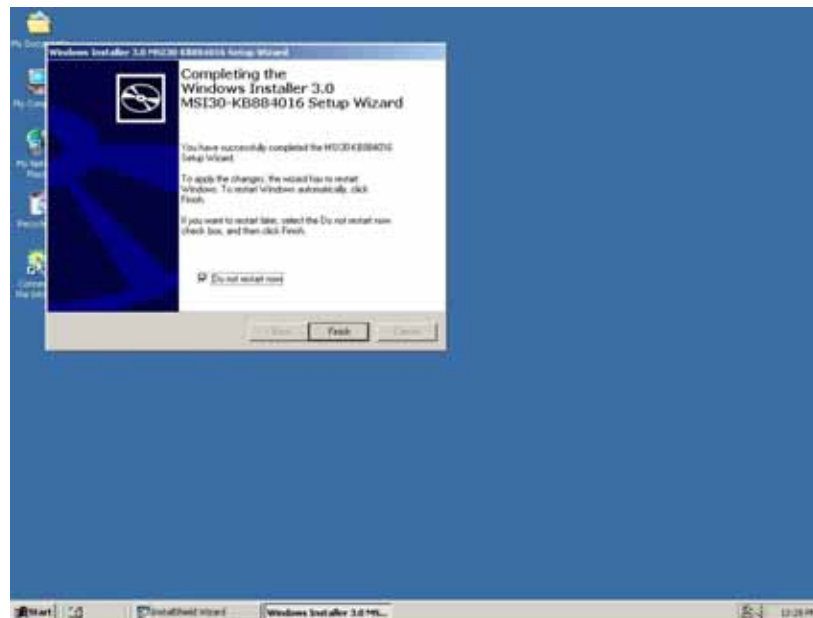
4. If the appropriate version of .NET and MSI is not currently installed system will prompt that it is installing these components. Press OK.



5. Select NEXT.

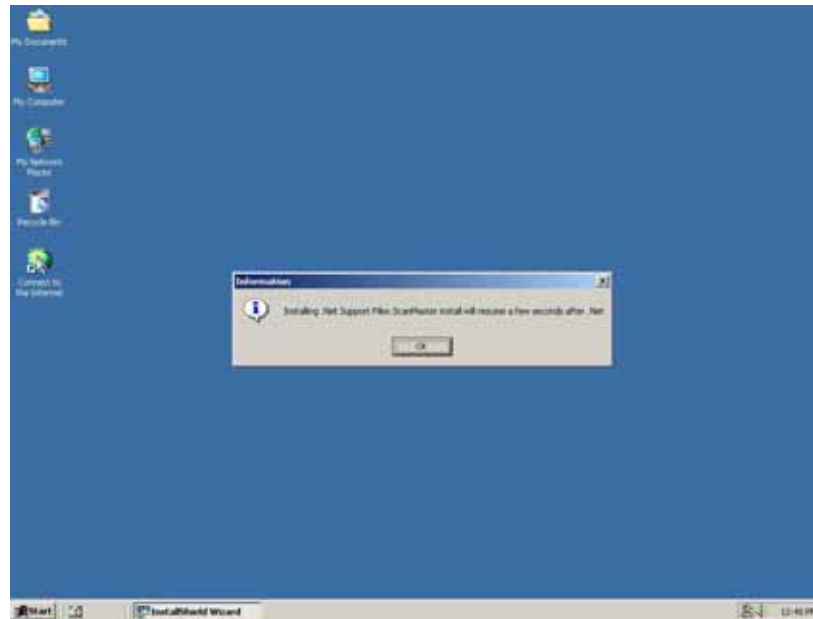


6. Select “I Agree” and press NEXT.

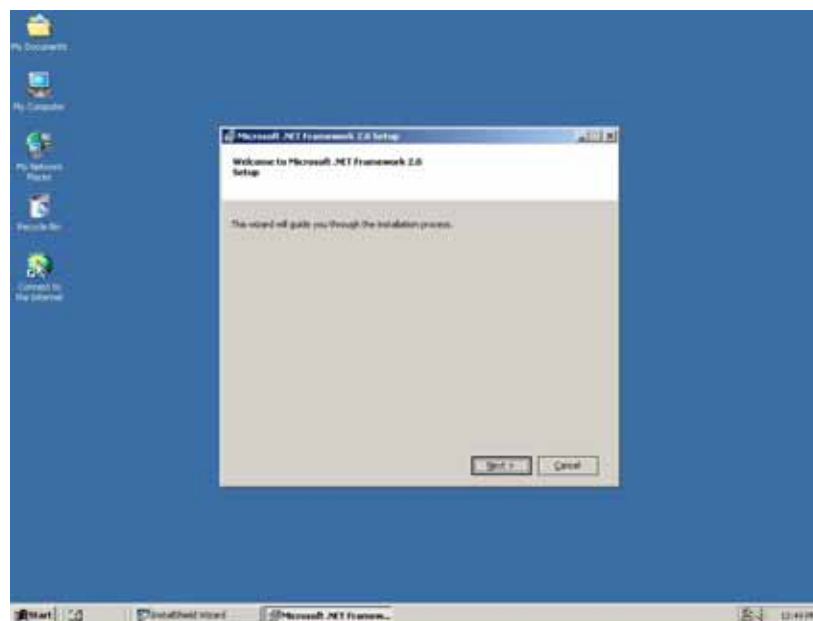


7. Place check mark in box “Do not restart now,” and press FINISH. U-Scan will reboot at this point.

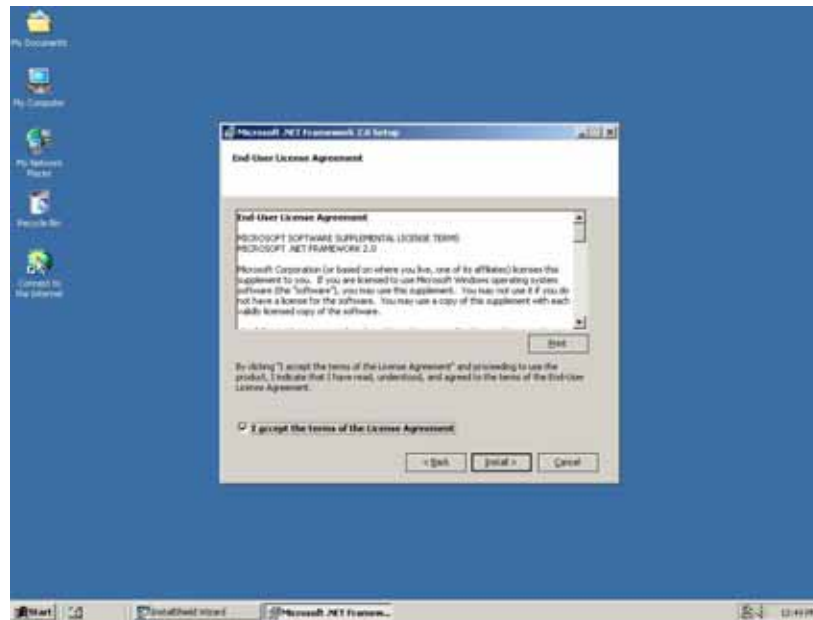
8. Log back in as administrator. Password is admin.



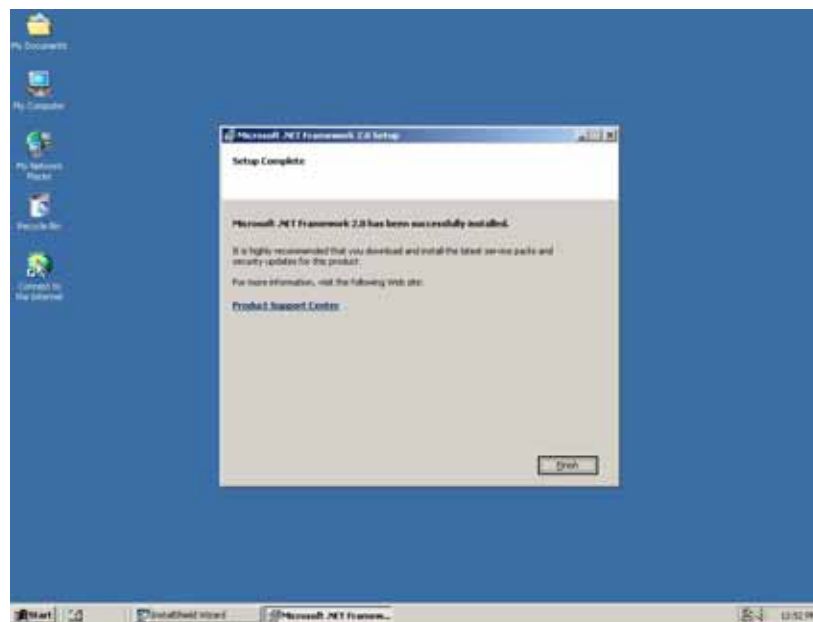
9. Run setup.exe from f:\Uscan\Install. If prompted press OK.



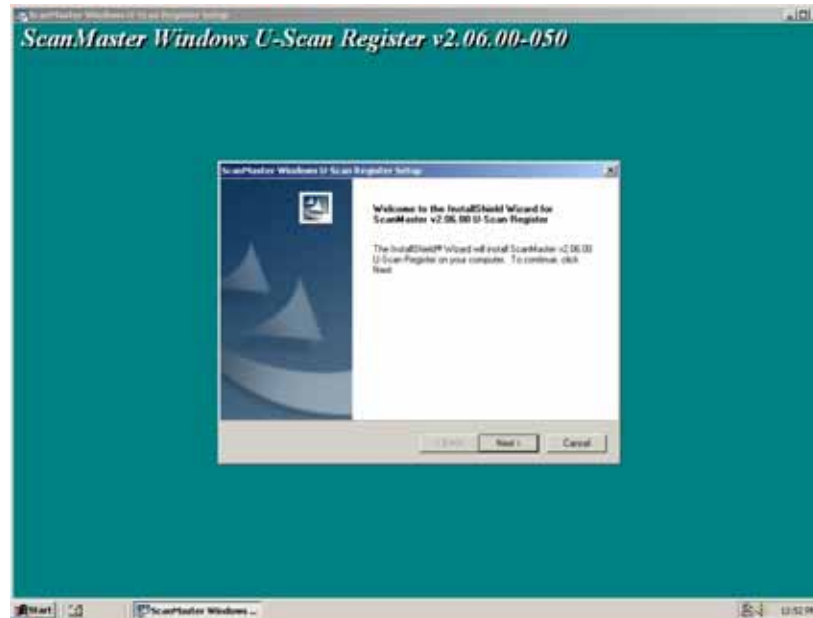
10. Press NEXT to continue.



11. Accept agreement and select INSTALL.



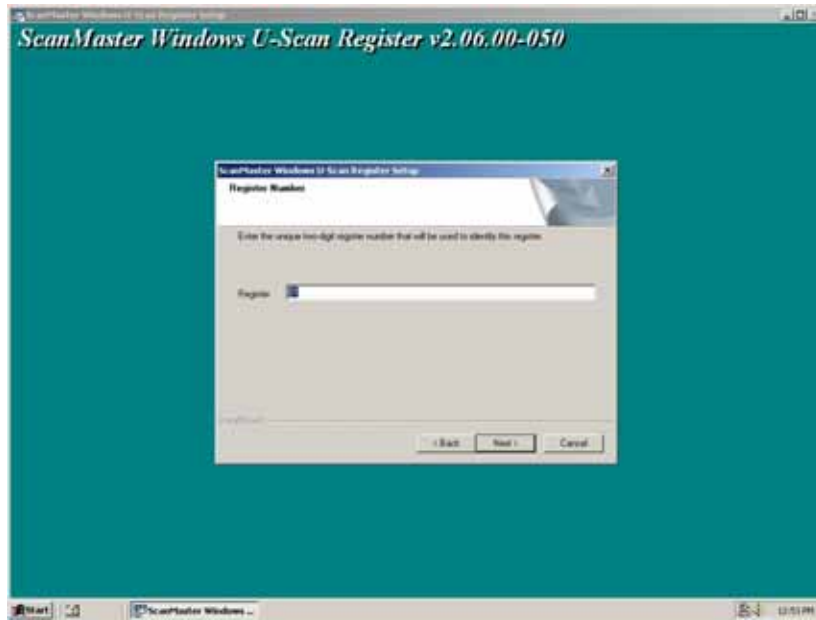
12. Select FINISH.



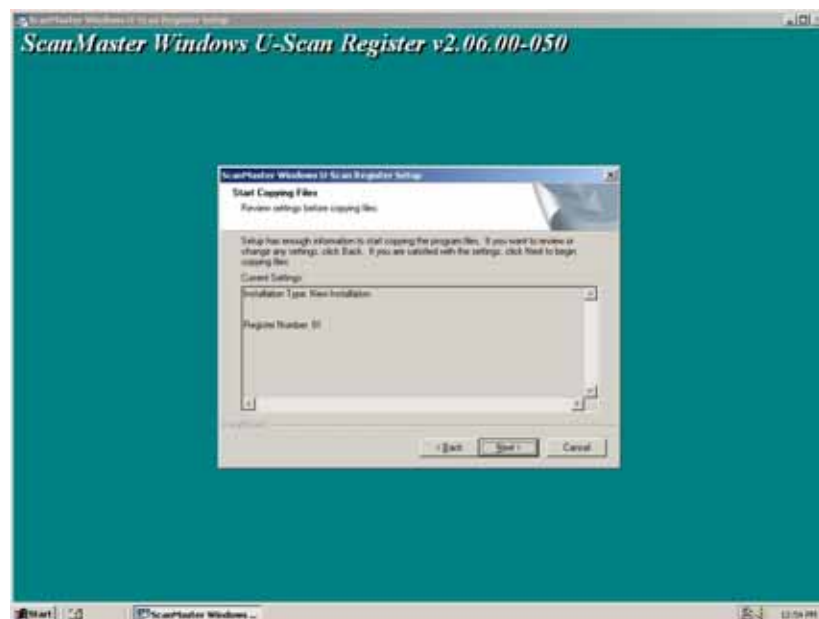
The Installation Wizard Welcome window displays.
13. Click NEXT.



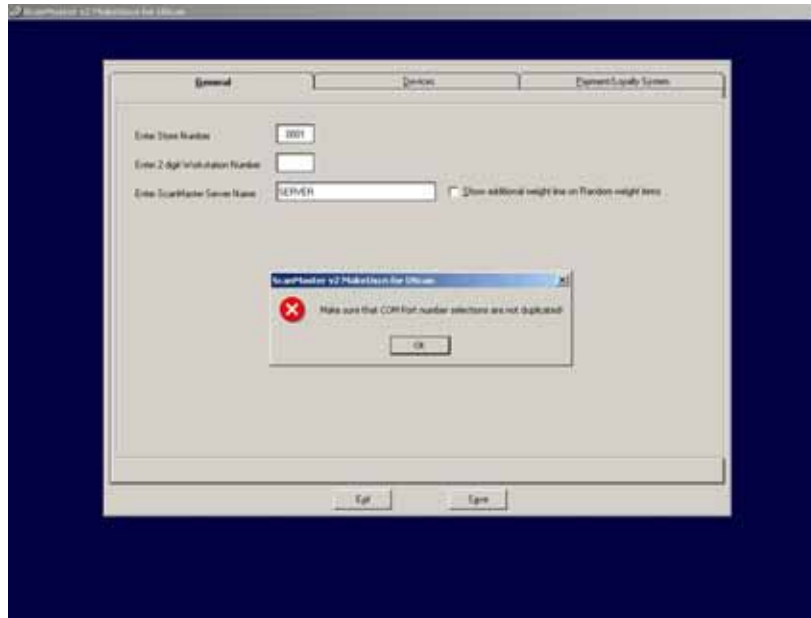
14. Setup Type Screen displays, Click NEXT.



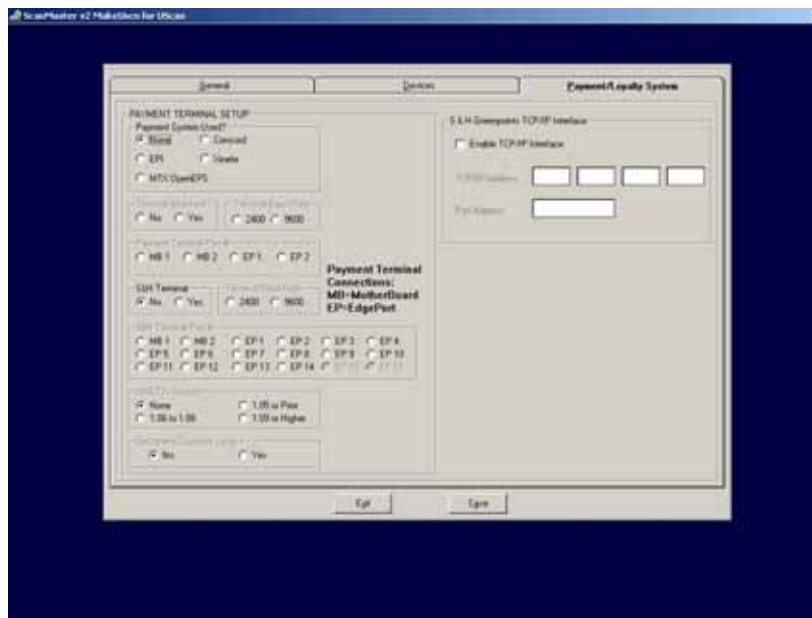
15. Enter Register Number screen displays, Enter Register Number and Click NEXT.



16. Start Copying Files screen displays, Click NEXT.



17. ScanMaster USCAN Install Utility screen displays. Press OK.



18. 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.

Installing the U-Scan Software

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

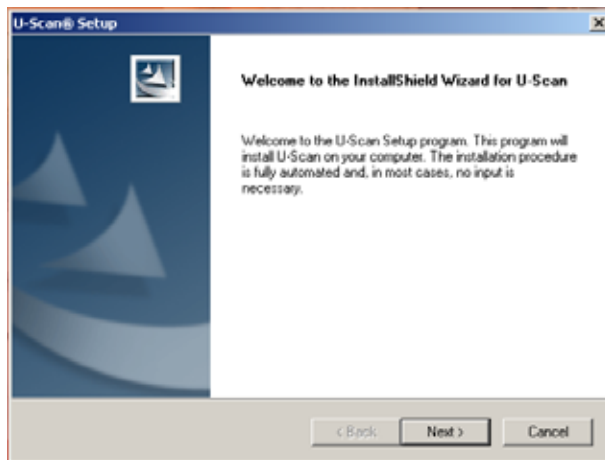
- 1) Insert the U-Scan software installation CD into the CD-ROM drive.
- 2) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

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

The list of the files on the CD appears.

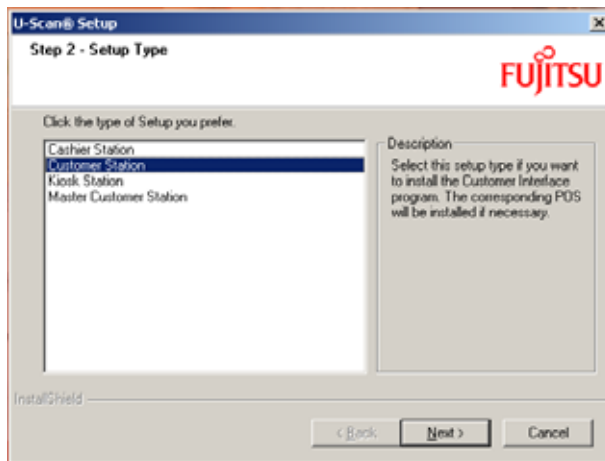
- 4) Double click the CD_ROOT folder.
- 5) Double-click Setup.exe.
- 6) When the Welcome to the InstallShield wizard for U-Scan screen appears, click Next.



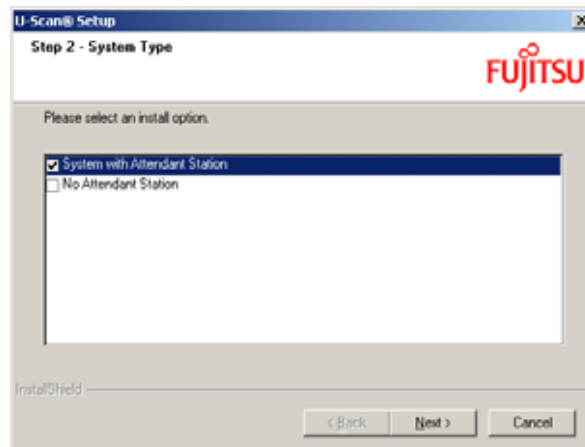
The **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING.** The software installs automatically. Do **NOT** click **Advanced**.

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.**

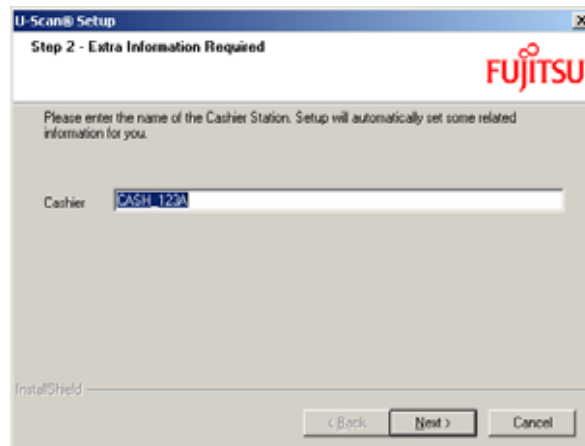
- 7) When the **Step 2 – Setup type** screen appears, select **Customer Station** then click **Next**.



- 8) When the **Step 2 – System Type** screen appears, select **System with Attendant Station** then click **Next**



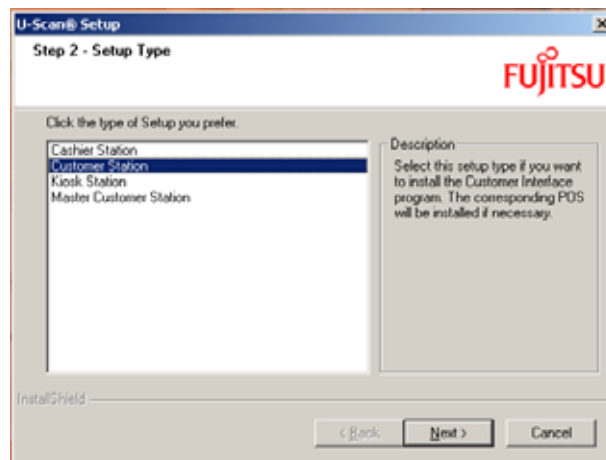
- 9) When the **Step 2 – Extra Information Required** screen appears, type the name of the Cashier station. Example CASH_123A then click **Next**



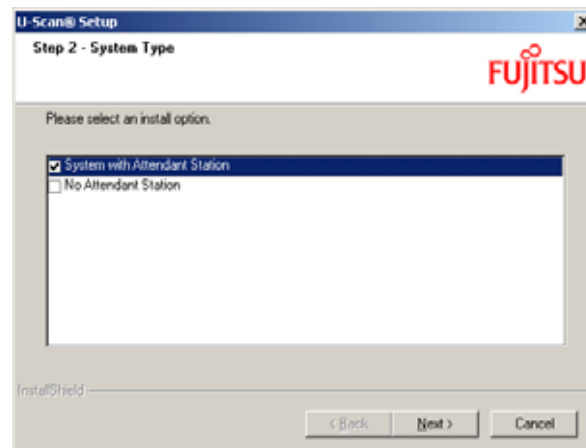
NOTE: CRYSTAL REPORTS AND MICROSOFT DATABASE ENGINE COMPONENTS ARE INSTALLED.

A RESTART HAPPENS.

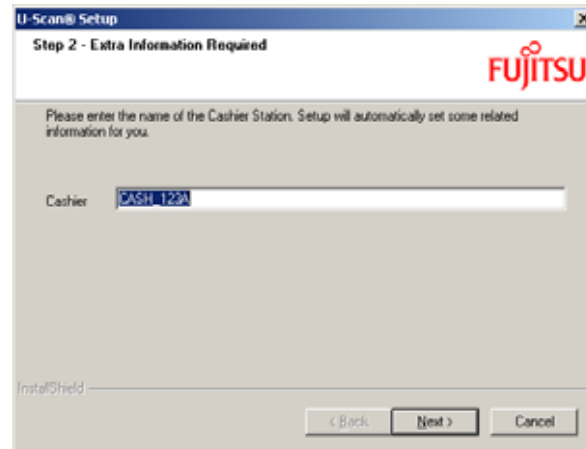
10) Again the **Step 2 – Setup type** screen appears, again select **Customer Station** then click **Next**.



11) Again the **Step 2 – System Type** screen appears, select **System with Attendant Station** then click **Next**



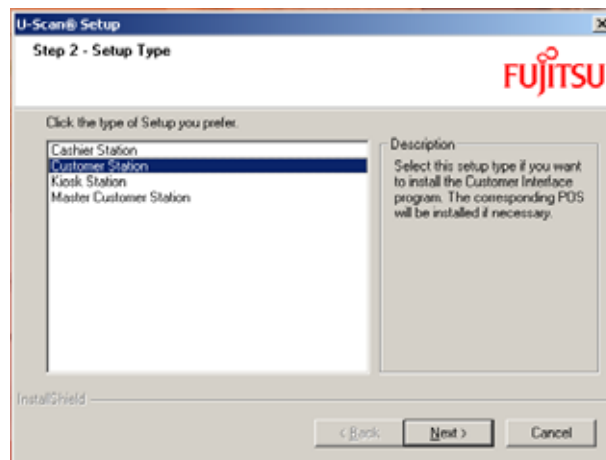
12) Again the **Step 2 – Extra Information Required** screen appears, type the name of the Cashier station. Example CASH_123A then click **Next**.



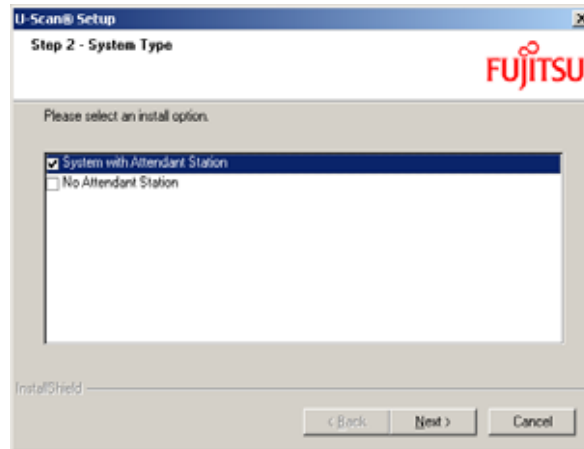
NOTE: MORE MDAC SOFTWARE IS INSTALLED.

A RESTART HAPPENS AGAIN.

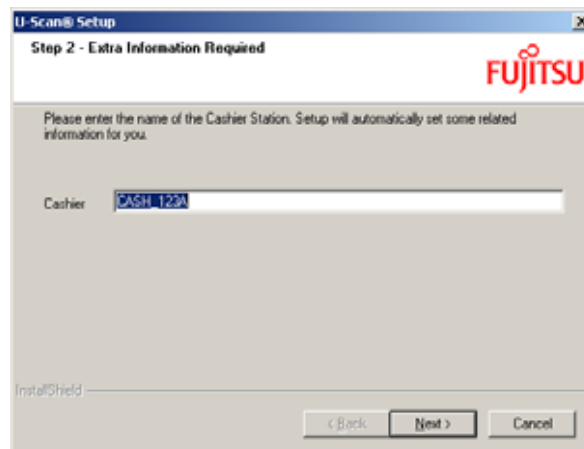
13) For the third time, the **Step 2 – Setup type** screen appears, again select **Customer Station** then click **Next**.



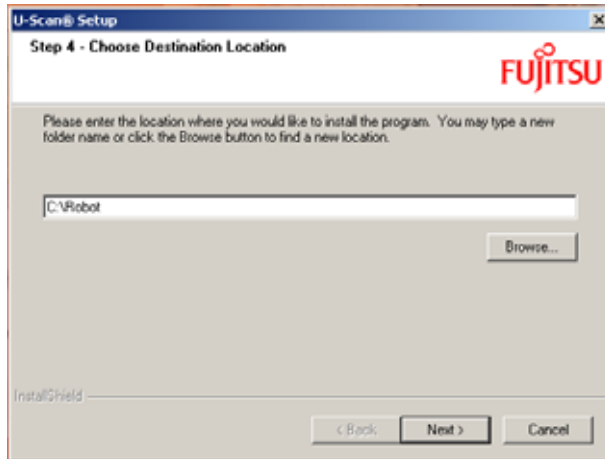
14) For the third time, the **Step 2 – System Type** screen appears, select **System with Attendant Station** then click **Next**.



- 15) For the third time, the **Step 2 – Extra Information Required** screen appears, type the name of the Cashier station. Example CASH_123A then click **Next**.

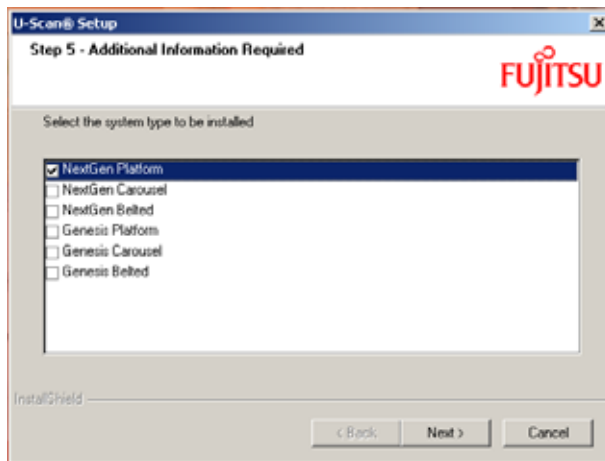


- 16) When the **Step 4 - The Choose Destination Location** screen appears. A default destination folder is provided for the program (C:\Robot). Do **NOT** change this destination folder.

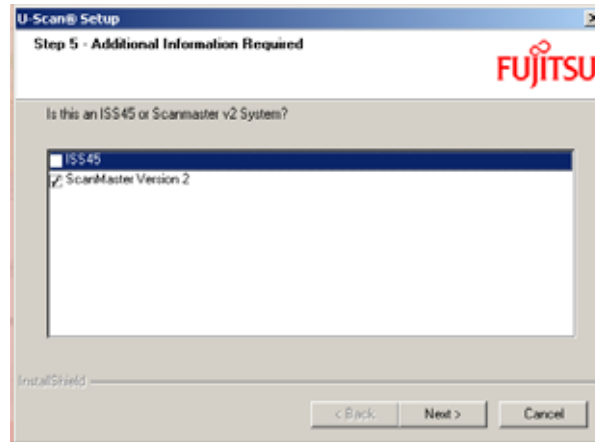


17) Click **Next**.

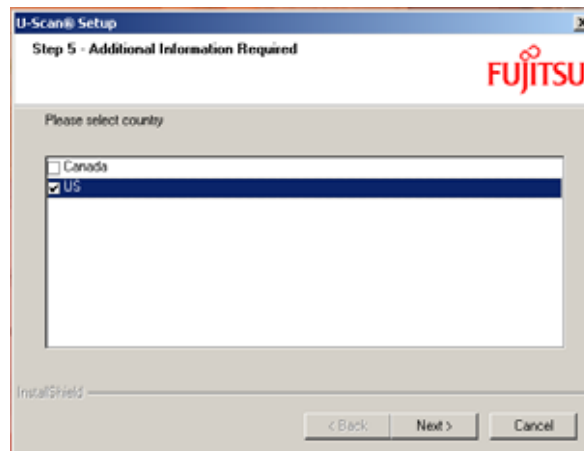
18) When the **Step 5 – Additional Information Required**, Select the Type of U-SCAN system. **Ex: NextGen Platform**



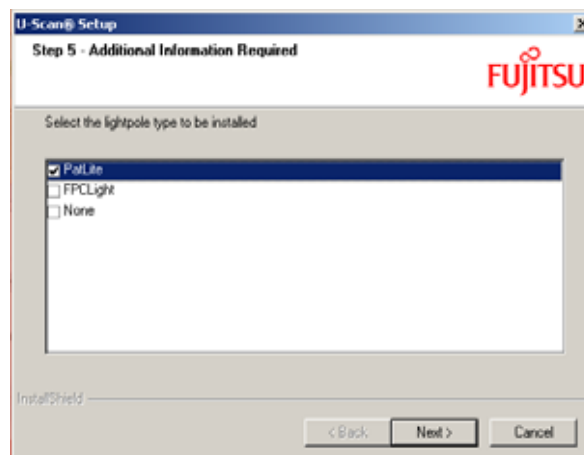
19) When the **Step 5 – Additional Information Required**, Select **ScanMaster** and click **Next**.



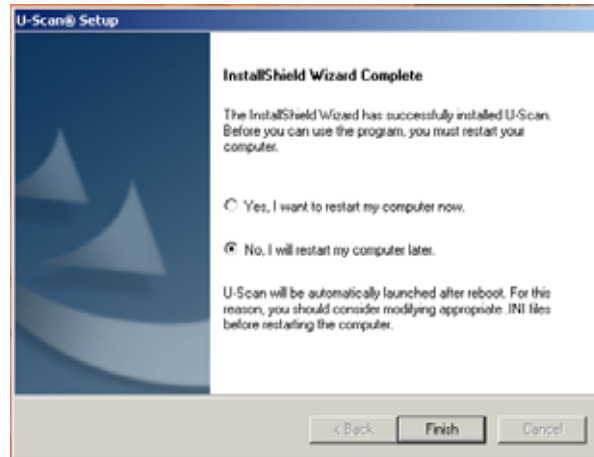
20) When the **Step 5 – Additional Information Required**, Select **US** or **Canada**



21) When the **Step 5 – Additional Information Required**, Select the **Type of Pole light**



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



22) Click **Finish**.

23) Remove the **Software Installation CD** from the CD-ROM drive.

24) 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

- 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 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 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

Customizing the U-Scan Software Variables (Registry Files)

Note: The following **are just examples** of some registry changes that may need to be changed which is really dependant on the hardware your store has ordered. **These are just examples** and may not apply to your particular hardware configuration.

U-Scan Single Max Station (SBU) Lab System

Note: If you find errors running the device tester, you may have to change some settings in the registry. **Below is an example** for the Bill Dispenser setting up denomination sizes and Bill denominations.

- 1) Click on Start and then click Run
- 2) Type regedit and press Enter
- 3) The Registry Editor displays.
- 4) Open HKEY_CURRENT_USER\ Software \ OptimalRobotics \ Devices \ BillDispenser \ Currency.
- 5) Double-click the **DenomSizesUS** setting.
- 6) Add {20,175,130,15} to the list and click **OK**.
- 7) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BillDispenser \ Standard**.
- 8) Double-click the **BillDenominations** setting.
- 9) Change the setting from 1,5,10 to **1,5,20**.
- 10) Click **OK**.
- 11) Close all windows and return to the Customer Station Computer desktop.

Scan and Bag Lab System

Note: If you find errors running the device tester, you may have to change some settings in the registry. **Below are examples** for the Bill Dispenser to set up the number of trays and Bill denominations. Another example for setting the dual bag scale default to a single bag scale is also shown below.

- 1) Click on Start and then click Run
- 2) Type regedit and press Enter
- 3) The Registry Editor displays.
- 4) Open HKEY_CURRENT_USER\ Software \ OptimalRobotics \ Devices \ BillDispenser.
- 5) Double-click the **NumTrays** setting.
- 6) Set the setting to **3** and click **OK**.
- 7) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BillDispenser \ Standard**.
- 8) Double-click the **BillDenominations** setting.
- 9) Change the setting to **1,5,10**.
- 10) Click **OK**.
- 11) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BagScale**.
- 12) Set the **SingleUnitMode** setting to **1**.
- 13) Close all windows and return to the Customer Station Computer desktop.

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

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

- 89000496 U-Scan GMM4

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)

Removal of the existing U-Scan software prior to loading the new version of U-Scan

- 1) Exit the Attendant Station by touching the **Manager** button in the top right corner of the screen.
- 2) Enter **01 Done**.
- 3) Touch the **Exit** button on the selection screen.
- 4) Touch **Yes** to the question **Are you sure?**
- 5) Touch **Exit Launchpad**.
- 6) Touch **Yes** to the question **Stop the Launchpad?**

- 7) Go to the Windows add/remove programs.
- 8) Click on **U-Scan**.
- 9) Click **Remove**.
- 10) Click the selection for **Remove** then click **Next**.
- 11) Click **Finish** to the **Uninstall complete** screen.
- 12) Restart the Attendant Station.

Installing the New U-Scan Software

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

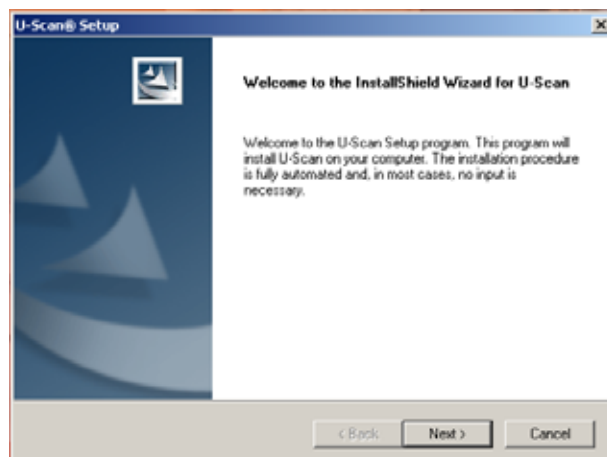
- 1) Insert the U-SCAN software installation CD into the CD-ROM drive.
- 2) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

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

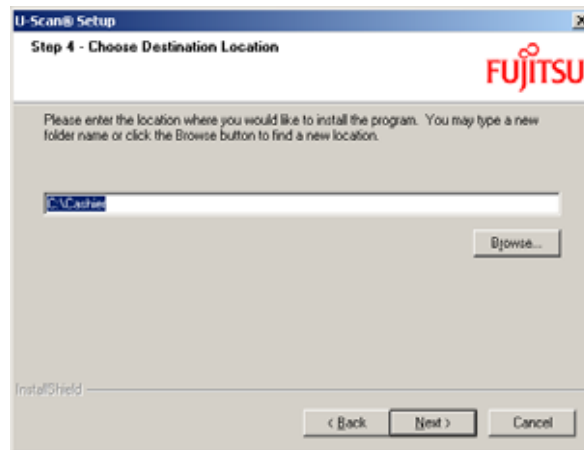
The list of the files on the CD appears.

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

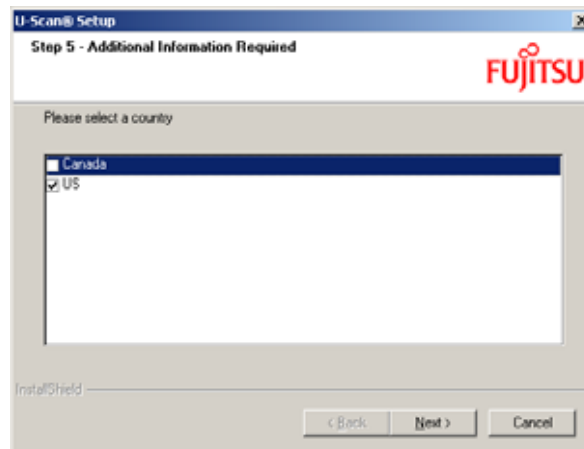


The **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING.** The software installs automatically. Do **NOT** click **Advanced**.

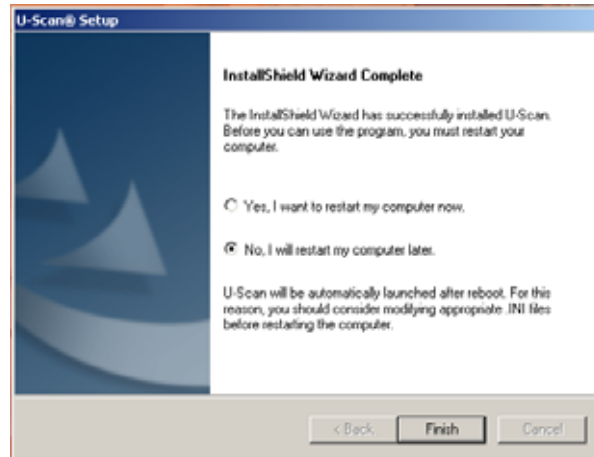
- 7) When the **Step 4 - Choose Destination Location** screen appears. A default destination folder is provided for the program (**C:\Cashier**). Do **NOT** change this destination folder.



- 8) Click Next.
- 9) When the **Step 5 - Additional Information Required** screen appears, Select the country and click Next.



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



12) Click Finish.

13) Remove the U-SCAN Software Installation CD from the CD-ROM drive and **restart** the Attendant Station.

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.

Configure Cashier

General Robots Keyboard Security Colors ASM

Number Customer Stations

☐ 1 ☐ 2 ☒ 4 ☐ 6 ☐ 9

Mobile Device Name

MOBILE

☒ Enable/Disable MA in Launchpad (restart Launchpad needed)

☒ Allow view detailed order at iPad

Robot Machine Name Layout

1	CUST1_1234	4	ROBOT4	7	ROBOT7
2	ROBOT2	5	ROBOT5	8	ROBOT8
3	ROBOT3	6	ROBOT6	9	ROBOT9

9) Restart the Computer.

MASTER CUSTOMER STATION

Prerequisites

Gathering the Software Information

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

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)

Removal of the existing U-Scan software prior to loading the new version of U-Scan

- 1) Exit the Customer Station by scanning the **Manager** barcode.
- 2) Touch **Manager Function**.
- 3) Enter **01 Done**.
- 4) Touch **Robot Maintenance**.
- 5) Touch **Stop Robot**.
- 6) Touch **Yes** to the question **Are you sure you want to stop the robot?**
- 7) Touch **Exit Launchpad**.

- 8) Touch **Yes** to the question **Stop the Launchpad?**
- 9) Go to the Windows add/remove programs.
- 10) Click on **U-Scan**.
- 11) Click **Remove**.
- 12) Click the selection for **Remove** then click **Next**.
- 13) Click **Finish** to the **Uninstall complete** screen.
- 14) Browse to C:\Documents and Settings\Robot\Start Menu\Programs\Startup and right click and Delete ScanMaster Shortcut.
- 15) Restart the Customer Station.

Installing the New U-Scan Software

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

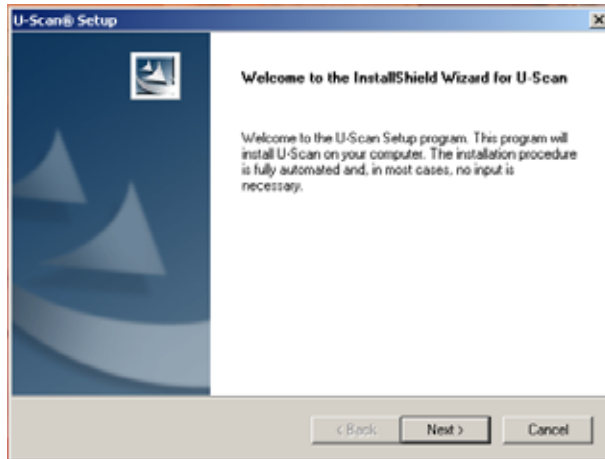
- 1) Insert the U-Scan software installation CD into the CD-ROM drive.
- 2) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

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

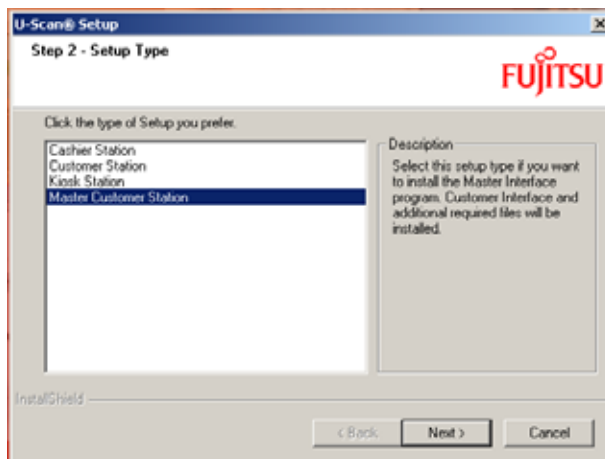
The list of the files on the CD appears.

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

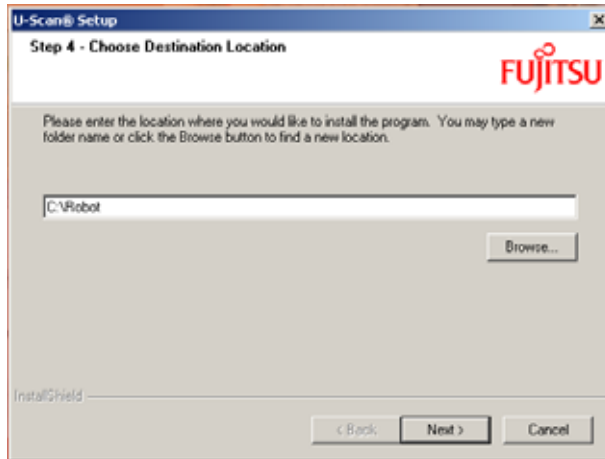


The **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING.** The software installs automatically. Do **NOT** click **Advanced**.

- 7) When the **Step 2 – Setup type** screen appears, select **Master Customer Station** then click **Next**.

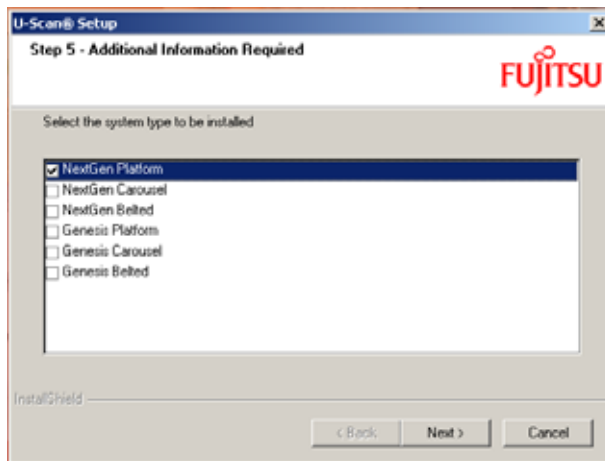


- 8) When the **Step 4 - The Choose Destination Location** screen appears. A default destination folder is provided for the program (**C:\Robot**). Do **NOT** change this destination folder.

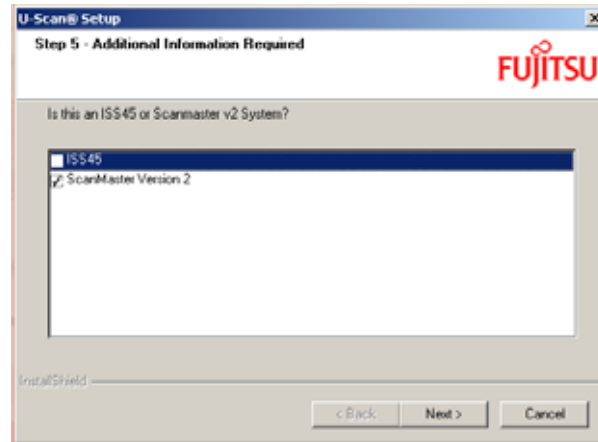


9) Click **Next**.

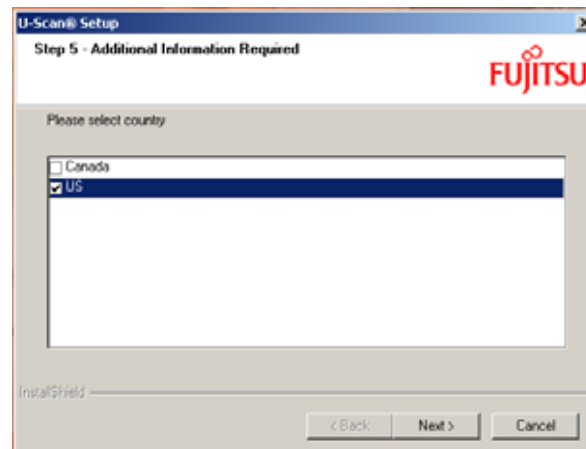
10) When the **Step 5 – Additional Information Required**, Select the Type of U-SCAN system. **Ex: NextGen Platform**.



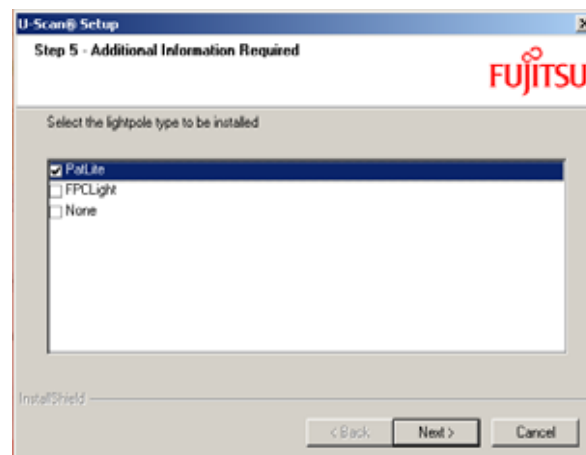
11) When the **Step 5 – Additional Information Required**, Select **ScanMaster** and click **Next**.



12) When the **Step 5 – Additional Information Required**, Select **US** or **Canada**.



13) When the **Step 5 – Additional Information Required**, Select the **Type of Pole light**.



NOTE: ON THE MASTER CUSTOMER STATION YOU WILL GET A SCREEN TO CONFIGURE CASHIER. SELECT THE ROBOTS TAB AND PUT IN THE NAMES OF THE ROBOTS.

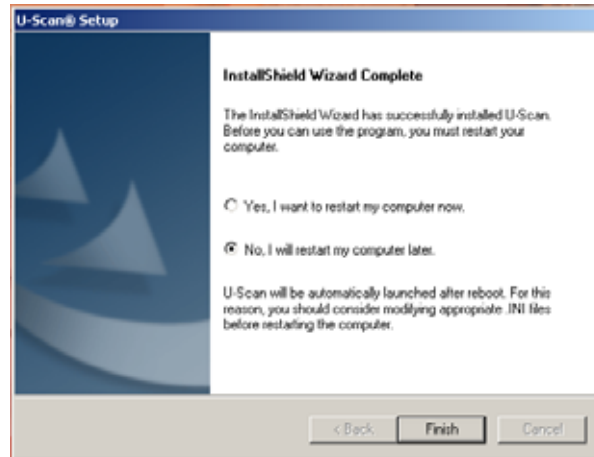
Note: Position 1 should have the name of the Master Customer Station. The example in this document is CUST1_123A.

**MAKE SURE THAT BOTH
Enable/Disable MA in Launchpad and Allow view detailed order at iPad are
both checked.**

The screenshot shows the 'Configure Cashier' window with the 'Robots' tab selected. The window has a title bar with a question mark and a close button. Below the title bar is a tabbed interface with 'General', 'Robots', 'Keyboard', 'Security', 'Colors', and 'ASM'. The 'Robots' tab is active. It contains the following elements:

- Number Customer Stations:** A group box with five radio buttons labeled 1, 2, 4, 6, and 9. The '4' button is selected.
- Mobile Device Name:** A text box containing the word 'MOBILE'.
- Checkboxes:** Two checkboxes are checked: 'Enable/Disable MA in Launchpad (restart Launchpad needed)' and 'Allow view detailed order at iPad'.
- Robot Machine Name Layout:** A grid of nine text boxes arranged in three rows and three columns, numbered 1 through 9. The text boxes contain the following names:
 - 1: CUST1_123A
 - 2: ROBOT2
 - 3: ROBOT3
 - 4: ROBOT4
 - 5: ROBOT5
 - 6: ROBOT6
 - 7: ROBOT7
 - 8: ROBOT8
 - 9: ROBOT9

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



- 14) Click **Finish**.
- 15) Remove the U-Scan **Software Installation CD** from the CD-ROM drive.
- 16) Restart the Computer.

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) 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

- 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 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 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

Customizing the U-Scan Software Variables (Registry Files)

Note: The following **are just examples** of some registry changes that may need to be changed which is really dependant on the hardware your store has ordered. **These are just examples** and may not apply to your particular hardware configuration.

U-Scan Single Max Station (SBU) Lab System

Note: If you find errors running the device tester, you may have to change some settings in the registry. **Below is an example** for the Bill Dispenser setting up denomination sizes and Bill denominations.

- 1) Click on Start and then click Run.
- 2) Type regedit and press Enter.
- 3) The Registry Editor displays.
- 4) Open HKEY_CURRENT_USER\ Software \ OptimalRobotics \ Devices \ BillDispenser \ Currency.
- 5) Double-click the **DenomSizesUS** setting.
- 6) Add {20,175,130,15} to the list and click **OK**.
- 7) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BillDispenser \ Standard**.
- 8) Double-click the **BillDenominations** setting.
- 9) Change the setting from 1,5,10 to **1,5,20**.
- 10) Click **OK**.
- 11) Close all windows and return to the Customer Station Computer desktop.

Scan and Bag Lab System

Note: If you find errors running the device tester, you may have to change some settings in the registry. **Below are examples** for the Bill Dispenser to set up the number of trays and Bill denominations. Another example for setting the dual bag scale default to a single bag scale is also shown below.

- 1) Click on Start and then click Run.
- 2) Type regedit and press Enter.
- 3) The Registry Editor displays.
- 4) Open HKEY_CURRENT_USER\ Software \ OptimalRobotics \ Devices \ BillDispenser.
- 5) Double-click the **NumTrays** setting.
- 6) Set the setting to **3** and click **OK**.
- 7) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BillDispenser \ Standard**.
- 8) Double-click the **BillDenominations** setting.
- 9) Change the setting to **1,5,10**.
- 10) Click **OK**.
- 11) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BagScale**.
- 12) Set the **SingleUnitMode** setting to **1**.
- 13) Close all windows and return to the Customer Station Computer desktop.

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 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

- 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

- 89000496 U-Scan GMM4

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)

Removal of the existing U-Scan software prior to loading the new version of U-Scan

- 1) Exit the Customer Station by scanning the **Manager** barcode.
- 2) Touch **Manager Function**.
- 3) Enter **01 Done**.
- 4) Touch **Robot** Maintenance.

- 5) Touch **Stop Robot**.
- 6) Touch **Yes** to the question **Are you sure you want to stop the robot?**
- 7) Touch **Exit Launchpad**.
- 8) Touch **Yes** to the question **Stop the Launchpad?**
- 9) Go to the Windows add/remove programs.
- 10) Click on **U-Scan**.
- 11) Click **Remove**.
- 12) Click the selection for **Remove** then click **Next**.
- 13) Click **Finish** to the **Uninstall complete** screen.
- 14) Browse to C:\Documents and Settings\Robot\Start Menu\Programs\Startup and right click and Delete ScanMaster Shortcut.
- 15) Restart the Customer Station.

Installing the New U-Scan Software

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

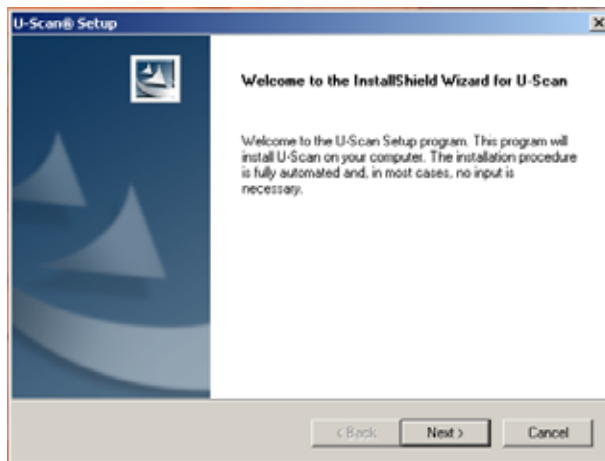
- 1) Insert the U-Scan software installation CD into the CD-ROM drive.
- 2) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

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

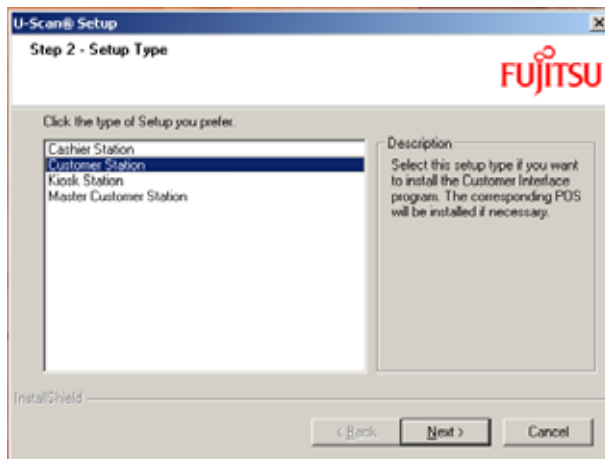
The list of the files on the CD appears.

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

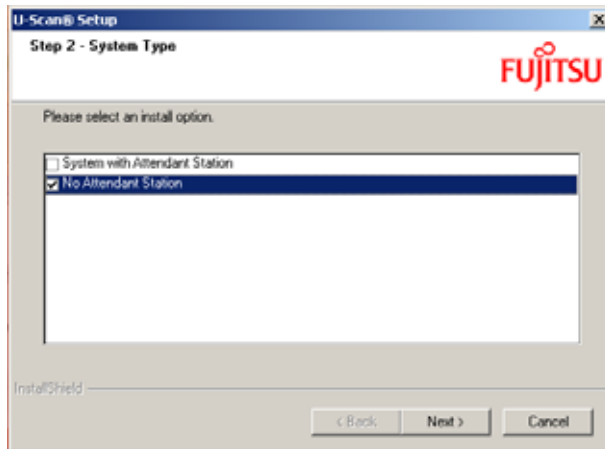


The **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING**. The software installs automatically. Do **NOT** click **Advanced**.

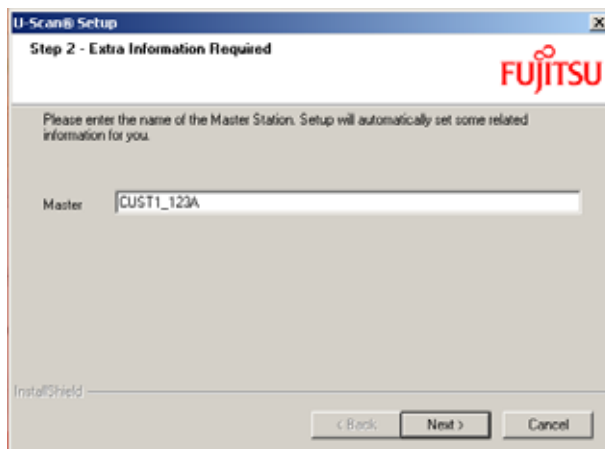
- 7) When the **Step 2 – Setup type** screen appears, select **Customer Station**, then click **Next**.



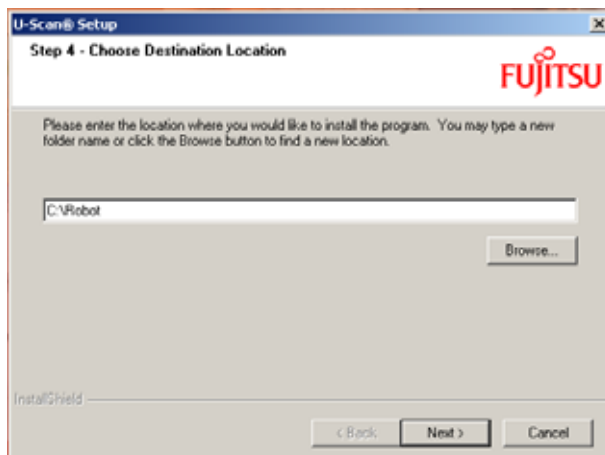
- 8) When the **Step 2 – System Type** screen appears, select **No Attendant Station** then click **Next**.



- 9) When the **Step 2 – Extra Information Required** screen appears, type the name of the Master station. Example CUST1_123A then click **Next**.

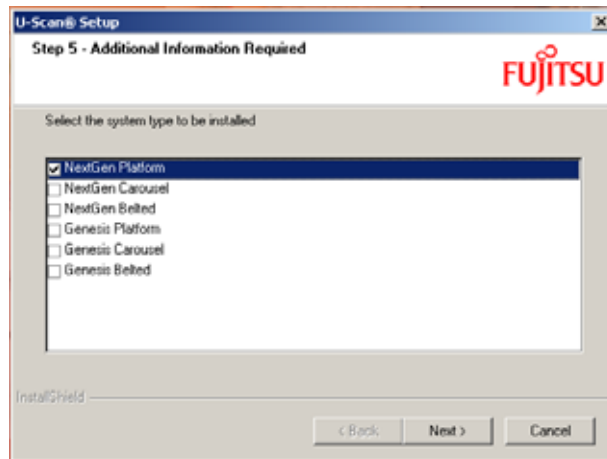


- 10) When the **Step 4 - The Choose Destination Location** screen appears. A default destination folder is provided for the program (**C:\Robot**). Do **NOT** change this destination folder.

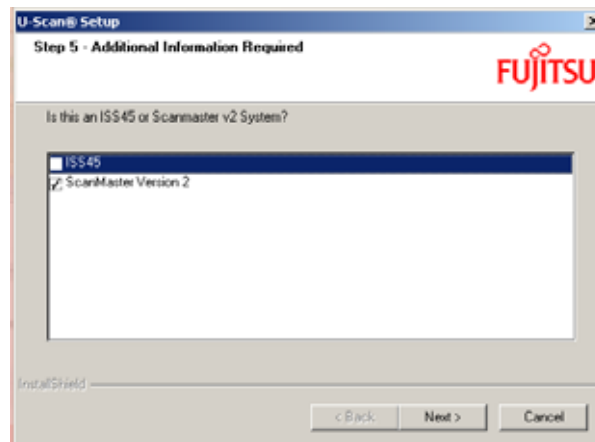


11) Click **Next**.

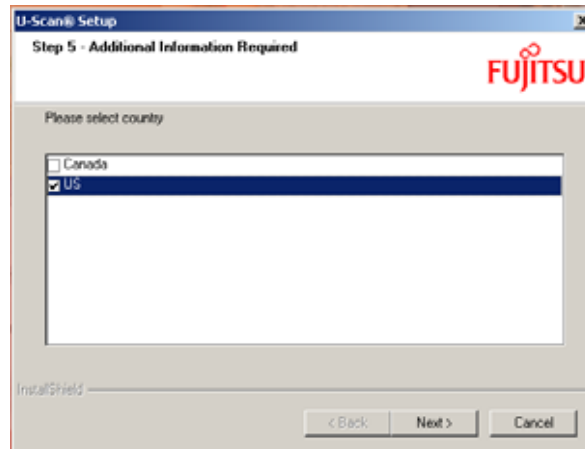
12) When the **Step 5 – Additional Information Required**, Select the Type of U-SCAN system. Ex: **NextGen Platform**.



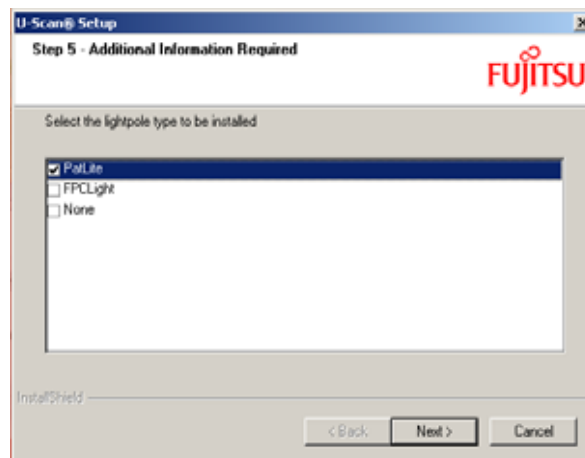
13) When the **Step 5 – Additional Information Required**, Select **ScanMaster** and click **Next**.



14) When the **Step 5 – Additional Information Required**, Select **US** or **Canada**.



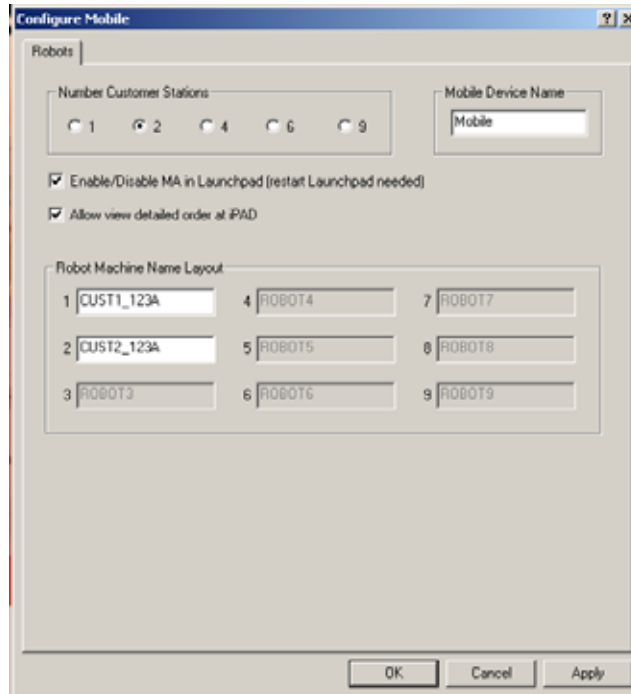
15) When the **Step 5 – Additional Information Required**, Select the **Type of Pole light**.



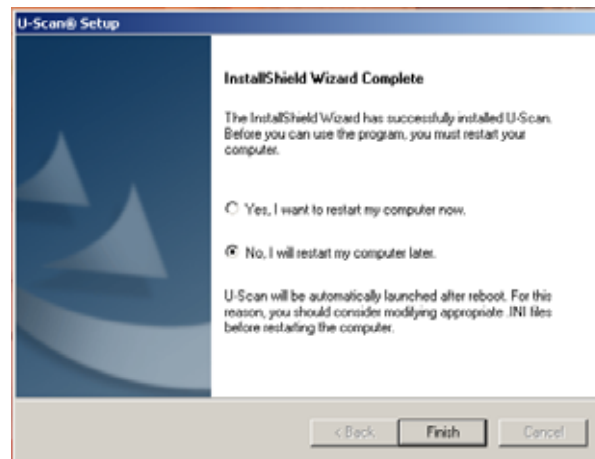
NOTE: ON THE CUSTOMER STATION YOU WILL GET A SCREEN TO CONFIGURE MOBILE. PUT IN THE NAMES OF THE ROBOTS.

Note: Position 1 should have the name of the Master Customer Station. The example in this document is CUST1_123A

MAKE SURE THAT BOTH: Enable/Disable MA in Launchpad and Allow view detailed order at iPad are both checked.



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



16) Click **Finish**.

17) Remove the **Software Installation CD** from the CD-ROM drive.

18) Restart the Computer.

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 settings that are to be used in the store and then exit the DealerConfig screen.

Testing the Customer Station Hardware

- 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 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 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

Customizing the U-Scan Software Variables (Registry Files)

Note: The following **are just examples** of some registry changes that may need to be changed which is really dependant on the hardware your store has ordered. **These are just examples** and may not apply to your particular hardware configuration.

U-Scan Single Max Station (SBU) Lab System

Note: If you find errors running the device tester, you may have to change some settings in the registry. **Below is an example** for the Bill Dispenser setting up denomination sizes and Bill denominations.

- 1) Click on Start and then click Run.
- 2) Type regedit and press Enter.
- 3) The Registry Editor displays.
- 4) Open HKEY_CURRENT_USER\ Software \ OptimalRobotics \ Devices \ BillDispenser \ Currency.
- 5) Double-click the **DenomSizesUS** setting.
- 6) Add {20,175,130,15} to the list and click **OK**.
- 7) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BillDispenser \ Standard**.
- 8) Double-click the **BillDenominations** setting.
- 9) Change the setting from 1,5,10 to **1,5,20**.
- 10) Click **OK**.
- 11) Close all windows and return to the Customer Station Computer desktop.

Scan and Bag Lab System

Note: If you find errors running the device tester, you may have to change some settings in the registry. **Below are examples** for the Bill Dispenser to set up the number of trays and Bill denominations. Another example for setting the dual bag scale default to a single bag scale is also shown below.

- 1) Click on Start and then click Run.
- 2) Type regedit and press Enter.
- 3) The Registry Editor displays.
- 4) Open HKEY_CURRENT_USER\ Software \ OptimalRobotics \ Devices \ BillDispenser.
- 5) Double-click the **NumTrays** setting.
- 6) Set the setting to **3** and click **OK**.
- 7) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BillDispenser \ Standard**.
- 8) Double-click the **BillDenominations** setting.
- 9) Change the setting to **1,5,10**.
- 10) Click **OK**.
- 11) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BagScale**.
- 12) Set the **SingleUnitMode** setting to **1**.
- 13) Close all windows and return to the Customer Station Computer desktop.

Steps to Move ScanMaster Shortcut back 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 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

- 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

- 89000496 U-Scan GMM4

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)

Removal of the existing U-Scan software prior to loading the new version of U-Scan

- 1) Exit the Customer Station by scanning the **Manager** barcode.
- 2) Touch **Manager Function**.
- 3) Enter **01 Done**.
- 4) Touch **Robot Maintenance**.
- 5) Touch **Stop Robot**.

- 6) Touch **Yes** to the question **Are you sure you want to stop the robot?**
- 7) Touch **Exit Launchpad**.
- 8) Touch **Yes** to the question **Stop the Launchpad?**
- 9) Go to the Windows add/remove programs.
- 10) Click on **U-Scan**.
- 11) Click **Remove**.
- 12) Click the selection for **Remove** then click **Next**.
- 13) Click **Finish** to the **Uninstall complete** screen.
- 14) Browse to C:\Documents and Settings\Robot\Start Menu\Programs\Startup and right click and Delete ScanMaster Shortcut.
- 15) Restart the Customer Station.

Installing the New U-Scan Software

Ensure You Have the Correct U-Scan CD

- 89000496 U-Scan GMM4

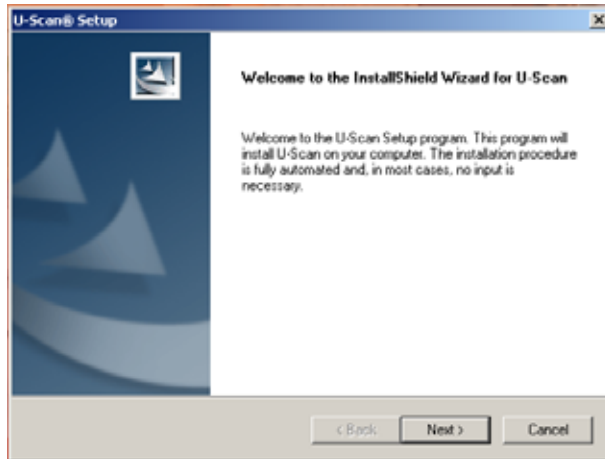
- 1) Insert the U-Scan software installation CD into the CD-ROM drive.
- 2) Double-click **My Computer** on the Windows desktop.

The **My Computer** window appears.

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

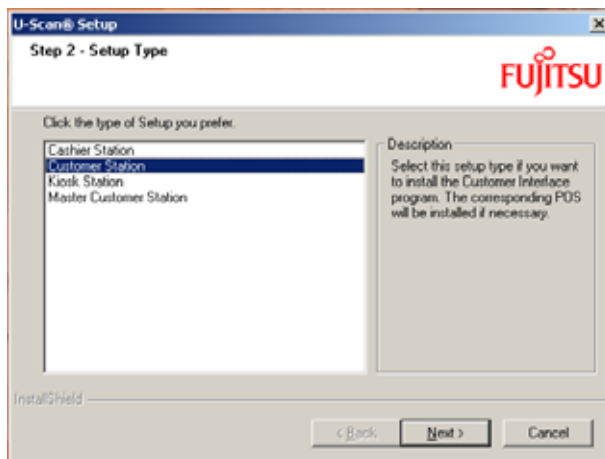
The list of the files on the CD appears.

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

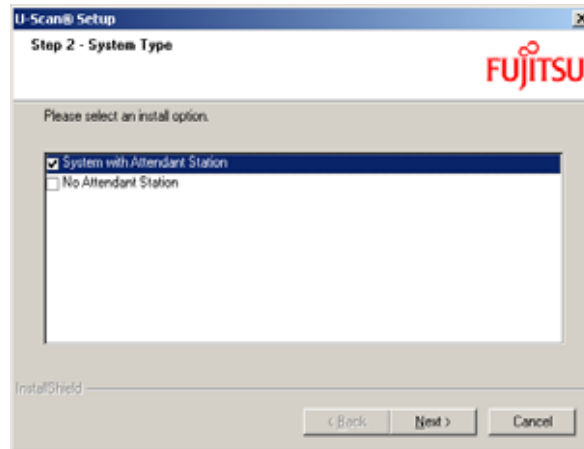


The **Automatic Mode Selection** screen appears. **DO NOT TOUCH ANYTHING.** The software installs automatically. Do **NOT** click **Advanced**.

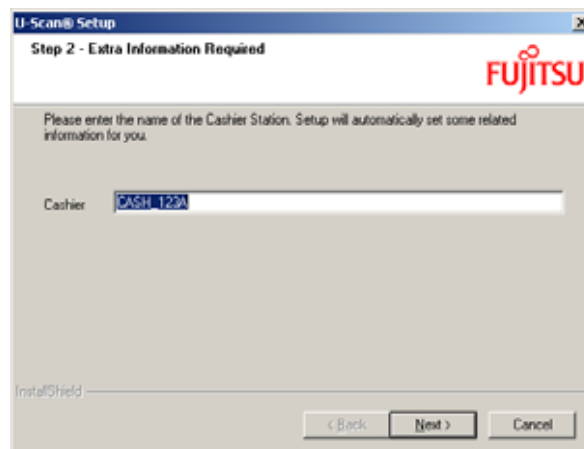
- 7) When the **Step 2 – Setup type** screen appears, select **Customer Station** then click **Next**.



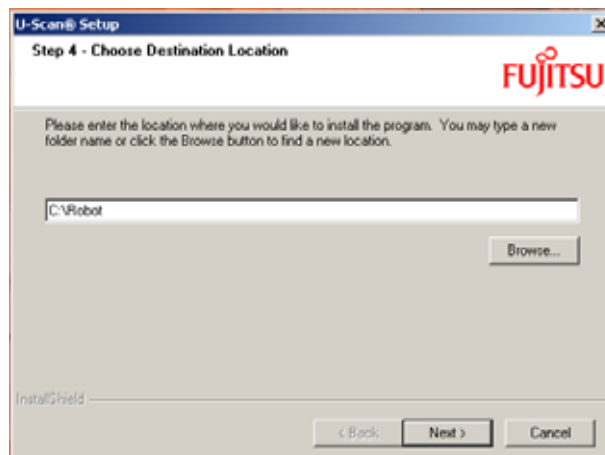
- 8) When the **Step 2 – System Type** screen appears, select **System with Attendant Station** then click **Next**.



- 9) When the **Step 2 – Extra Information Required** screen appears, type the name of the Cashier station. Example CASH_123A then click **Next**.

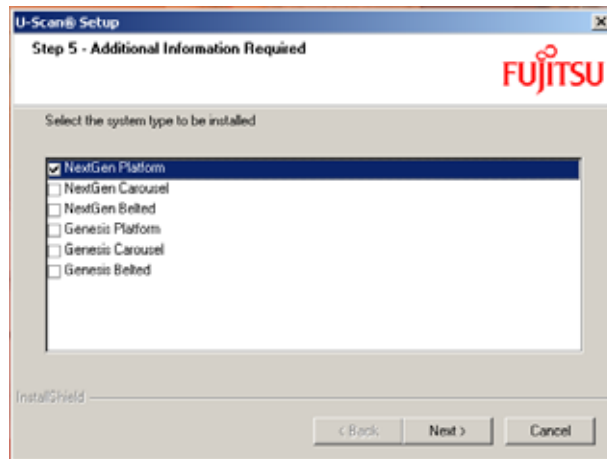


- 10) When the **Step 4 - The Choose Destination Location** screen appears. A default destination folder is provided for the program (**C:\Robot**). Do **NOT** change this destination folder.

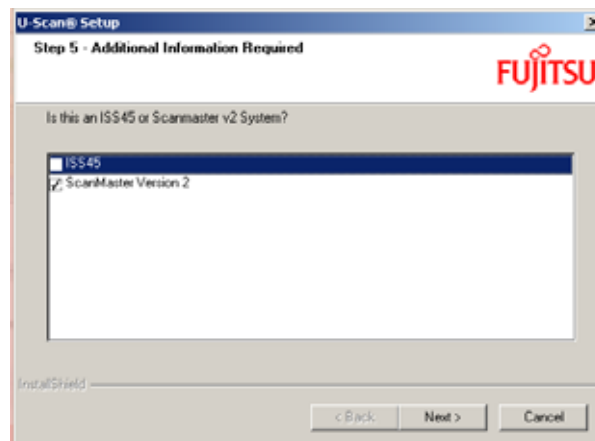


11) Click **Next**.

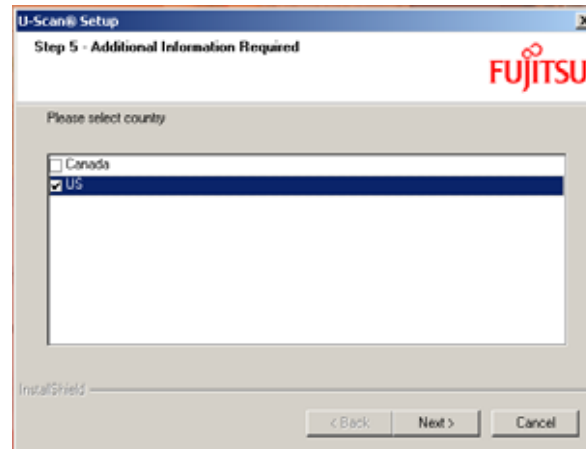
12) When the **Step 5 – Additional Information Required**, Select the Type of U-SCAN system. Ex: **NextGen Platform**.



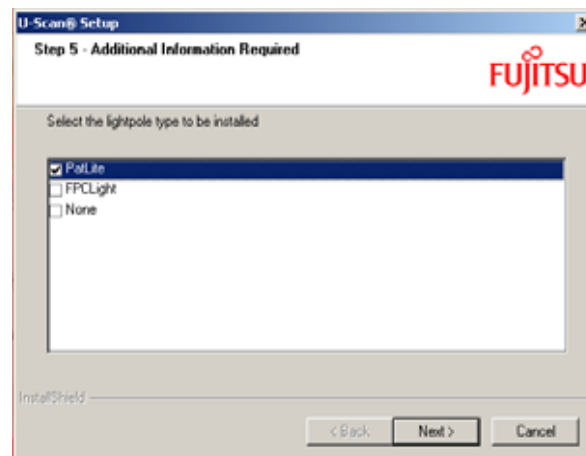
13) When the **Step 5 – Additional Information Required**, Select **ScanMaster** and click **Next**.



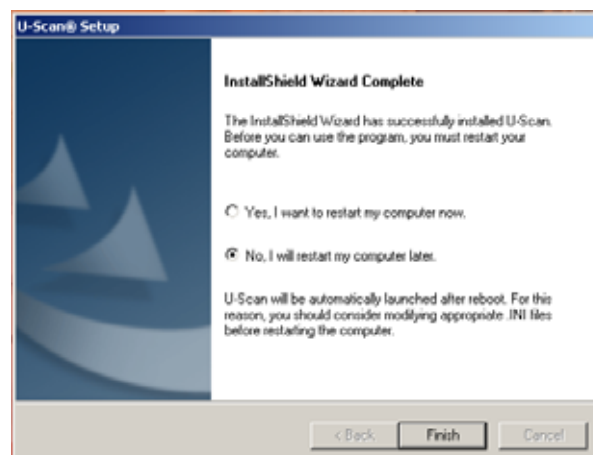
14) When the **Step 5 – Additional Information Required**, Select **US** or **Canada**.



15) When the **Step 5 – Additional Information Required**, Select the **Type of Pole light**.



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



16) Click **Finish**.

17) Remove the **Software Installation CD** from the CD-ROM drive.

18) Restart the Computer.

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

- 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 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 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

Customizing the U-Scan Software Variables (Registry Files)

Note: The following **are just examples** of some registry changes that may need to be changed which is really dependant on the hardware your store has ordered. **These are just examples** and may not apply to your particular hardware configuration.

U-Scan Single Max Station (SBU) Lab System

Note: If you find errors running the device tester, you may have to change some settings in the registry. **Below is an example** for the Bill Dispenser setting up denomination sizes and Bill denominations.

- 1) Click on Start and then click Run.
- 2) Type regedit and press Enter.
- 3) The Registry Editor displays.
- 4) Open HKEY_CURRENT_USER\ Software \ OptimalRobotics \ Devices \ BillDispenser \ Currency.
- 5) Double-click the **DenomSizesUS** setting.
- 6) Add {20,175,130,15} to the list and click **OK**.
- 7) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BillDispenser \ Standard**.
- 8) Double-click the **BillDenominations** setting.
- 9) Change the setting from 1,5,10 to **1,5,20**.
- 10) Click **OK**.
- 11) Close all windows and return to the Customer Station Computer desktop.

Scan and Bag Lab System

Note: If you find errors running the device tester, you may have to change some settings in the registry. **Below are examples** for the Bill Dispenser to set up the number of trays and Bill denominations. Another example for setting the dual bag scale default to a single bag scale is also shown below.

- 1) Click on Start and then click Run.
- 2) Type regedit and press Enter.
- 3) The Registry Editor displays.
- 4) Open HKEY_CURRENT_USER\ Software \ OptimalRobotics \ Devices \ BillDispenser.
- 5) Double-click the **NumTrays** setting.
- 6) Set the setting to **3** and click **OK**.
- 7) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BillDispenser \ Standard**.
- 8) Double-click the **BillDenominations** setting.
- 9) Change the setting to **1,5,10**.
- 10) Click **OK**.
- 11) Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BagScale**.
- 12) Set the **SingleUnitMode** setting to **1**.
- 13) Close all windows and return to the Customer Station Computer desktop.

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.

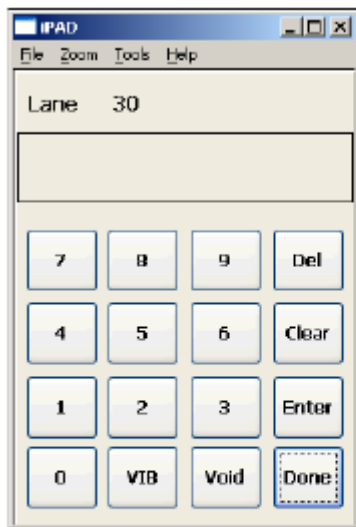
Restoring the Weights Database

- 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:\weightsbkg** 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.

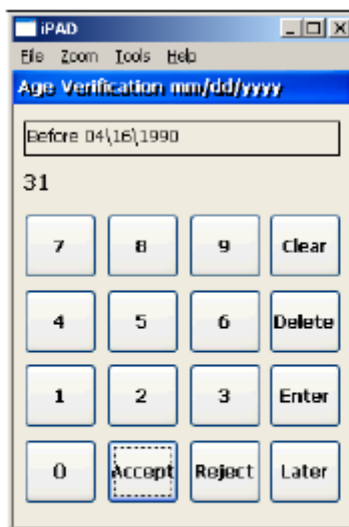
12) Perform the steps above at the remaining Customer Stations.

Overview of Cashierless Operation

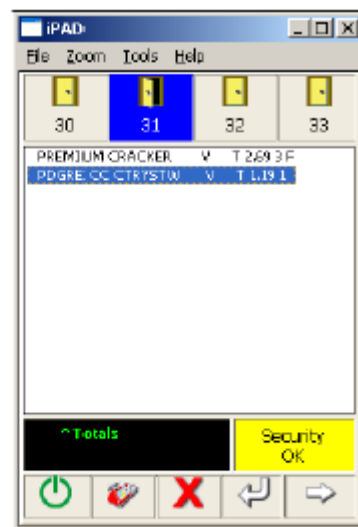
- 1) The MA provides access to POS, security, prompt, voiding, and Maintenance Mode functionality for all lanes in the cluster. The MA's Detailed Order View provides a miniature version of the Attendant Station screen. A location must be designated for the iPad base, which charges the handheld unit. 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.

Using ASM to Backup and Restore the NBC Data

Version Check

NOTE: Before starting verify that all attendant stations and customer stations are running the same version of software

- 1) On the attendant station double click on
c:\cashier\data\version.dat
- 2) On the customer station double click on
c:\robot\data\version.dat

Registry Settings

NOTE: In the example below there are two (2) customer stations'. Your system may have a different naming convention. The customer stations in the example are Cust1_123a and Cust2_123a.

Attendant Station:

Replicate = 1
Replicate_Cust1_123a = 0
Replicate_Cust2_123a = 0
Replicate_ROBOT3 = 1
Replicate_ROBOT4 = 1
StationManagerAlwaysConnectLocal = 1

Customer Station:

StationManagerAlwaysConnectLocal = 1

Backup/Restore NBC Database -

- 1) Open NBC Editor at the attendants station and then click on ASM in the upper left corner
- 2) Click on "Create Package"
- 3) The file name must be UPDnnnn.ZIP where nnnn is a four (4) digit number [this will create a backup of your NBC database, the backup will be

approximately 15 Mb or more depending upon any changes you might have already made using NBC Editor]

- 4) Close ASM when the backup completes
- 5) Make any changes you want for your store in NBC Editor; i.e. add new categories, add items, etc
- 6) When you are done backup this new database using steps 1 thru 4 listed above. Be sure to enter a different four (4) digit number for the ZIP file name then the one used in step three (3) above [this will create a backup of your modified NBC database]
- 7) Close the customer station/s you wish to update with your new NBC database
- 8) At each customer station/s stop the robot, exit Launchpad and exit ScanMaster
- 9) At a DOS command prompt perform a 'net use....' between the customer station and the C: drive on the attendant station OR
 - a. Double click on My Network Places
 - b. Go to Entire Network\Microsoft Windows Network\Workgroup
 - c. Double click on the customer station you wish to access
- 10) Copy your backup file, UPDnnnn.ZIP, from either the default directory on the attendant station (C:\CASHIER\DATA\ASMTPL) or the directory you chose when backing up the NBC database to

C:\OPTIMAL\UPDATE\HISTORY

on the customer station

- 11) At a DOS command prompt on each customer station you wish to restore the new NBC database on change directories to

C:\OPTIMAL\UPDATE\WORK

- 12) Copy the following file into this directory (see step #11 above)

C:\OPTIMAL\UPDATE\BIN\FORCEUPD.EXE

- 13) Key in the following:

FORCEUPD nnnn

Where nnnn is the number you used when backing up the database; for example if the backup file name was UPD1234.ZIP you would key in "forceupd 1234"

- 14) A maroon screen will appear and the update will start automatically
- 15) When the update has completed if you used the 'net use....' command delete the shared drive you created in step 9 above, then type EXIT and depress ENTER
- 16) On the customer station restart Launchpad and ScanMaster
- 17) Test each customer station you loaded the new NBC database on to insure that it has the latest updates from your NBC database changes

NOTE 1 – If you wish to move your NBC database from one store to another perform steps 1 thru 4 at the 'master' store (backing up the NBC database), then perform steps 10 thru 17 on the attendant station and all customer station/s at the 'sister' store (restoring the NBC database).

NOTE 2 – If after reloading your NBC database on the attendant station you get an error asking you to reload IEMM.MSI when attempting to open the NBC Editor first try just rebooting the attendant station and all customer stations.

NOTE 3 – There is a log file created during the loading of the NBC database. This file may be found in C:\OPTIMAL\UPDATE\WORK and will be named using the four (4) digits you keyed in when loading the file; i.e. UPD1234.ZIP if you had keyed in "forceupd 1234"

Alternate Method of Backing up and Restoring the NBC Data

NOTE: Check the following settings to make sure that they are changed to the values below:

Master Customer Station and Customer Station:

StationManagerAlwaysConnectLocal = 0

Backing Up the NBC Data

- 1) Start the NBC editor
- 2) Use the OPMRddmmyyyy as below in the Station Name field
NOTE: The date is OPMR1992006. Sept 19, 2006.
- 3) Touch **Connect**
- 4) Touch the Maintenance and then NexDB that just appeared at the top of the window
- 5) Touch **Take Snapshot** and save the Database
- 6) Copy off the Database so you can restore it to other stations

Restoring the NBC Data that was Backed Up

- 1) Start the NBC editor
- 2) Use the OPMRddmmyyyy as below in the Station Name field
NOTE: The date is OPMR1992006. Sept 19, 2006.
- 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**.

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. The tabs are 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 text box for 'Auto station lock time (min)' with the value '90' and a spin button. Below that is a text box for 'Login Banner Message' with the text 'Please Login'. At the bottom right 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

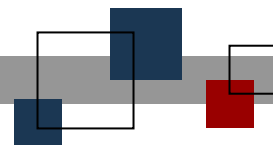
What is the purpose of the  button on the screen below.



ANSWER 4

The ! button

- is the override button.



© StoreNext Retail Technologies LLC 2009

StoreNext Retail Technologies LLC endeavors to ensure that the information in this document is correct and fairly stated but does not accept liability for any error or omission.

The development of StoreNext products and services is continuous and published information may not be up to date. It is important to check the current position with StoreNext. This document is not part of a contract or license save insofar as may be expressly agreed.