

CIARA
PENTIUM 4

Image Version: Windows2000-215.04A
Customization: 216.01

U-SCAN IMAGING & SOFTWARE INSTALLATION PROCEDURES

Client: STORE NEXT GENERIC
(All DEALERS)

Service Guide
Base Image Win2k 215.04A
Customization. 216.01
Prepared by: U-Scan Training
Team
Date: February 4, 2005



Table of Contents

Introduction	1
Imaging	1
U-Scan Software Installation	1
U-Scan Software UPGRADE	2
BIOS SETTINGS	3
Ciara Pentium 4 AND ALL IN ONE - Attendant Station	3
Enter the BIOS	3
Set Up the PCI Configuration	3
Set Up the Boot Configuration	4
Set Up the Peripheral Configuration	4
Set Up the IDE Configuration	5
Set Up the Diskette Configuration	6
Set Up the Power Management Features	6
Set Up the Boot Menu	7
Exit the BIOS	8
Ciara Pentium 4 - Customer Station	9
Enter the BIOS	9
Set Up the PCI Configuration	9
Set Up the Boot Configuration	10
Set Up the Peripheral Configuration	10
Set Up the IDE Configuration	11
Set Up the Diskette Configuration	13
Set Up the Power Management Features	13
Set Up the Boot Menu	14
Exit the BIOS	15
BASE IMAGE INSTALLATION	16
ATTENDANT STATION	16
Install the Image	16
Customize Image	17
Configure the Station	18
Clear Event Viewer	19
Adjust the Time and Time Zone	19
CUSTOMER STATION	20
Install the Image	20
Customize Image	21
Configure the Station	22
Set up Dual Head Monitor and Touch Screen	24
Clear Event Viewer	26
Adjust the Time and Time Zone	26
Installing ISS-45 WinPOS	27
U-SCAN SOFTWARE INSTALLATION	29
ATTENDANT STATION	29
Run install program	29
Customize U-Scan Software Variables (If necessary)	30
Edit Cashier.ini (Six-Lane Configurations Only)	30
Change the Attendant Station Screen Resolution (Six-Lane Configurations ONLY)	31
Set Up the Cashier Config file	32
Test all Hardware Components	33

Run Test Transactions	35
CUSTOMER STATION	36
Run install program	36
Customize the U-Scan Software Variables (If necessary)	37
Test all Hardware Components	38
Set the Lane Number	39
Customize the Station via Maintenance Mode as Appropriate	39
Customize Customer Station Screens	41
Run Test Transactions	41
<i>Appendix A: U-Scan Software Upgrade</i>	42
1. Un-install U-Scan Software	42
2. Install U-Scan Software	43

INTRODUCTION

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.

Some important points regarding imaging:

- ❖ U-Scan computers are already imaged at the U-Scan assembly plant. They arrive to the store sites already set up with the BIOS and image settings required.
- ❖ U-Scan computers do not need to be imaged every time to install U-Scan software. You are to image U-Scan PCs only if:
 - The computer is defective and it is being replaced with a new pc, which has not been imaged already.
 - You have been instructed to re-image the U-Scan PC.
- ❖ U-Scan imaging procedures for the Customer Stations are slightly different from the procedures at the Attendant Station. Ensure to select the correct procedures.
- ❖ U-Scan computers BIOS do not need to set up every time you image PC, BIOS are to be set up only if:
 - You are replacing a U-Scan pc with a new pc.
- ❖ U-Scan BIOS setting procedures for the Customer Stations are slightly different from the procedures at the Attendant Station. Ensure to select the correct procedures.

U-SCAN SOFTWARE INSTALLATION

Installing U-Scan software using the **Install Shield Wizard for U-Scan** is an identical process as installing any other type of software. The install shield installs all files and applications needed for the U-Scan software to operate.

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 Symbol Mobile Attendant or with a Symbol hand scanner and whether the set up consists of 6 Customer Station lanes or not.

In addition, you will be required to use the "User Interface Customization" application, this application allows you to select the logo, background screen colors and define the non-

bar-coded item menu. A supporting document has been created: "User Interface Customization", please refer to this document for details on this application.

- ❖ If you have imaged the U-Scan PC, you will need to install U-Scan software. To install U-Scan software follow the instructions found under "Install U-Scan Software" section of this document.
- ❖ If you are performing a U-Scan software upgrade, you will need to remove the previous U-Scan software and then install U-Scan software. To remove U-Scan software follow the instructions found under "Uninstall U-Scan Software" in this document.

U-SCAN SOFTWARE UPGRADE

This task consists of removing existing U-Scan software using the Add/Remove Programs utility and then installing U-Scan software using the **Install Shield Wizard for U-Scan**.



In any situation in which you are required to perform a software upgrade or image all computers in the U-Scan cluster, make sure you follow this order:

2. One customer station.
3. The Attendant Station.
4. If successful, proceed with the rest of the cluster.

BIOS SETTINGS

CIARA PENTIUM 4 AND ALL IN ONE - ATTENDANT STATION

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

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.

Set 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.
- 3) The **PCI Configuration** options appear.
- 4) Use the down arrow key to select **PCI Slot 1 IRQ Priority**, then press **ENTER**.

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

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

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

7) **Auto** is selected, press **ENTER**.

The **PCI Configuration** menu appears.

8) Select **PCI SLOT 3 IRQ Priority [AUTO]** & press **ENTER**

9) **Auto** is selected, press **ENTER**.

10) 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.

CIARA PENTIUM 4 - CUSTOMER STATION

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

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.

Set 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:
- 4) Plug & Play O/S: **No**
- 5) Reset Config Data: **No**
- 6) Numlock: **On**
- 7) 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**

Press **ESC** to return to the **Power** menu.

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: **Disabled**

Intel Rapid BIOS Boot: **Enabled**

Scan User Flash Area: **Disabled**

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

- 4) Press **ENTER**.

- 5) Verify the following settings:

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

2nd Boot Device: **Hard drive**

3rd Boot Device: **Removable DEV**

4th Boot Device: **Disabled**

- 6) Press **ESC**.

Exit the BIOS

- 1) Use the right arrow to select **Exit** from the menu bar at the top of the screen.
- 2) The **Exit** menu appears. **Exit Saving Changes** is highlighted.
- 3) Press **ENTER** to select **Exit Saving Changes**.
- 4) The message **Save configuration changes and exit now?** Appears.
- 5) Press **ENTER** to select **Yes**.

The computer restarts.

BASE IMAGE INSTALLATION

Base Image Win2k 215.04A Customization. 216.01

ATTENDANT STATION

Install the Image

- 1) Insert the **Windows 2000 Image Setup CD-ROM** 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 on P4 PC**.
- 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 Computer prompts to reboot the PC.

- 7) Remove the **Windows 2000 Setup CD-ROM** from the CD-ROM drive.
- 8) Press **[CTRL] [ALT] [DEL]** to restart the computer.

Windows starts.

- 9) Wait for the **Windows 2000 Hardware Wizard** to detect the new hardware.

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

10) Click **Yes**.

The PC reboots.

Customize Image

1) When the computer re-starts 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 the appropriate customer from the drop-down list.

5) In the **StationType field**, select the appropriate station type (**Operator**) from the drop-down 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 table below).

Customer Stations Set Up	Selection
Two to four customer stations	Cashier Station with 2 or 3 or 4 Lanes
Six customer stations	Cashier Station with 6 Lanes

8) In the **Device Software model** field click **Select Touch Screen**.

9) Select **Elo Touchscreen** for **resistive** monitors (refer to notes you gather earlier in this document) OR select **MicroTouch Capacitive Touch screen on COM 1**.

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.

OR

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 the **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 **192.168.0.5**
- 14) Click **OK**.

The PC will reboot. DO NOT REMOVE THE CUSTOMIZATION CD. The system configuration process continues, and then 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**.

Clear Event Viewer

- 1) Double-click the **Event Viewer** icon on the desktop.

The **Event Viewer** dialog box appears.

- 2) On the menu bar, click **Action**.
- 3) Click **Clear all events**.

The message **Do you want to save system log before clearing it?** Appears.

- 4) Click **No**.

All events get cleared.

- 5) Close the **Event Viewer** window.

Adjust the Time and Time Zone

- 1) Double-click the time on the taskbar.
- 2) Set the time and date.
- 3) Click **Time Zone** tab.
- 4) Set the time zone.

- 5) Disable **Automatically adjust clock for daylight savings time**.
- 6) Click **Apply**.
- 7) Click **OK** to save the time settings.

CUSTOMER STATION

Install the Image

- 1) Insert the **Windows 2000 Image Setup CD-ROM** 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 on P4 PC**.
- 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 Computer prompts to reboot the PC.

- 7) Remove the **Windows 2000 Setup CD-ROM** from the CD-ROM drive.
- 8) Press **[CTRL] [ALT] [DEL]** to restart the computer.

Windows starts.

The Wizard installs the all drivers automatically; you will be prompted **“Do you want to restart your computer now?”**

- 9) Click **Yes**.

The PC reboots.

Customize Image

- 1) When the computer re-starts, wait until the message **Please insert customization CD**.
- 2) Insert the **Customization CD** in the CD:ROM.
- 3) Click **OK**.

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

When the **password screen** appears, enter the password (**1223**) and then press **ENTER**.

- 4) In the **Customer field**, select the appropriate customer from the drop-down list.
- 5) In the **StationType** field, select the appropriate station type (**Customer**) from the drop-down list.
- 6) In the **Device Software model** field click **Select Touch Screen**.
- 7) Select **Elo Touchscreen** for **CRT** on **LCD resistive** monitors OR select **MicroTouch Capacitive Touch screen on COM 1** for **LCD capacitive** monitors.
- 8) Click **OK**

The **Confirm Selection** screen appears.

- 9) Read the information to ensure that your selections are correct.
- 10) If you need to change selection, click **Cancel**, then repeat step 1 to 9.

OR

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

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

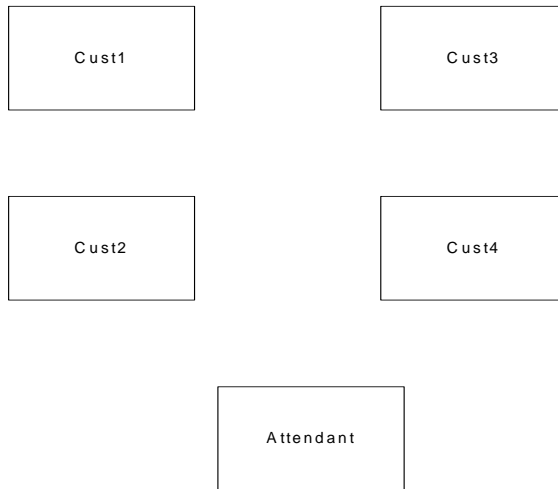
Configure the Station

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

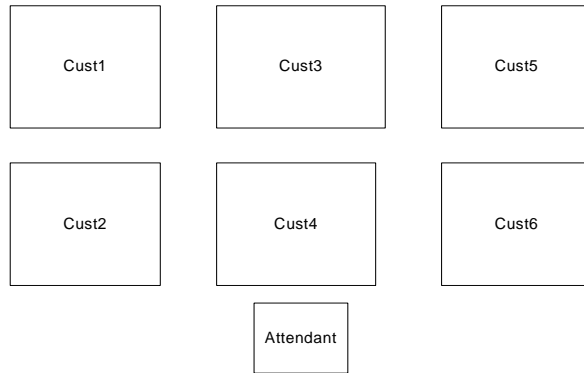
A confirmation screen appears “**Store and network configuration will be changed. Are you sure you want to continue?**”

- 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 the customer station as appropriate. (Robot 1=Cust1, Robot 2=Cust2, etc). Refer to the diagrams below:

4-Lane set up



Six Lane Set Up:



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:

CUST1_123a

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

12) Disable **IP forwarding** for **ALL** customer stations.

13) On NIC 1, Verify that the **IP setting** is configured to **192.168.0.X**

X= CUST1=1; CUST2=2; CUST3=3; CUST4=4; CUST5=6; CUST6=7

a. Go to the **Secondary Card Settings** and **Select Use Static IP.**

b. Enter the **IP & subnet** and default gateway if necessary.

13) Click **OK.**

The Customization will continue and the station and will reboot. **DO NOT REMOVE THE CUSTOMIZATION CD.** The system configuration process continues, and then the system prompts you to calibrate the touch screen, follow the on-screen instructions to calibrate the touch screen.

You will then be prompted “**Base image configuration complete. You are now ready to install U-Scan software. Please insert the auto-run CD in the drive now!**”

14) Proceed to close the window.

- 15) Remove the **Customization CD**.

Set up Dual Head Monitor and Touch Screen

- 1) Right click on the desktop and select **Properties**.
- 2) Click on the **Settings**.
- 3) Click the **Advanced**.
- 4) Select the **Dual Head**.
- 5) Double click on the **Features** option.
- 6) Select **Dual Head Multi-Display**.
- 7) Click on **Change Settings**.
- 8) Check the **Use Dual Head Multi-Display** checkbox.
- 9) Click **Separate Resolutions and color palette**.
- 10) Click **OK**.

You are prompted, “**The display must be changed to 1024 X 768 32 BIT color palette**”.

- 11) Click **Yes**.

The **Touch Screen Calibration Needed** window appears.

- 12) Click the **Do not remind me when display settings change check box**.

You are prompted, “**Windows must be started**”.

- 13) Click **Yes**.

The PC Reboots

- 14) Right click on the desktop and select **Properties**.
- 15) Click on the **Settings**.
- 16) Click the **Advanced**.

- 17) Click on the **Troubleshooting** tab.
- 18) Lower hardware acceleration by one step (should be 1 from full acceleration)
- 19) Click **Apply**.
- 20) Click **OK**.
- 21) Click on **Window #2** in the **Display Properties** window.
- 22) Set **Resolution** to **800x600**.
- 23) Make sure that **Resolution** for **Window #1** is **1024x768**.
- 24) Click **Apply**.

The **Display Properties** window appears

- 25) Click **OK**.

The **Monitor Settings** window appears

- 26) Click **Yes**.
- 27) Click **OK**.
- 28) Go to **Start>Settings>Control Panel>TouchWare**
- 29) Click on the **Multiple Monitor** tab
- 30) Click on the “**1**” desktop
- 31) Click **Map Touch Screens** button.
- 32) Click **OK**.
- 33) When a large “**1**” is displayed on the screen, touch the screen.
- 34) Click **OK**.
- 35) When a large “**2**” is displayed on the screen, do nothing.
- 36) When the **TouchWare Properties** window is visible again, select the **Calibrate** tab
- 37) Click on the **Calibrate** button
- 38) Calibrate the touchscreen by following the instructions on the screen.
- 39) Click **Close**.

Clear Event Viewer

- 1) Double-click the **Event Viewer** icon on the desktop.

The **Event Viewer** dialog box appears.

- 2) On the menu bar, click **Action**.
- 3) Click **Clear all events**.

The message **Do you want to save “System Log” before clearing it?** appears.

- 4) Click **No**.

All events get cleared.

- 5) Close the **Event Viewer** window.

Adjust the Time and Time Zone

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

Installing ISS-45 WinPOS

- 1) Insert the U-Scan Software Installation CD into the CD-ROM drive

*IF the software installation program begins, **you must stop the installation program.** Do Not proceed with installing the ISS-45 WinPOS application unless the USCAN Software installation is terminated.*

- 2) Double-click on **My Computer**.
- 3) Double-click on the CD-ROM icon (**D:**).
- 4) Double-click on the **CD_ROOT** directory.

A list of files on the CD are displayed.

- 5) Right-click on **Storenext_POS_Setup**.
- 6) Press **Copy**.
- 7) Click twice on **Back** on the top left part of the screen.

You will be back on the **My Computer** screen.

- 8) Right-click on (**C:**) and press **Paste**.
- 9) Double-click on (**C:**).
- 10) Double-click on **StorenextRX_POS_Setup**.
- 11) Double-click **Setup.bat**.

The message **Checking for previous installations. This batch file will install the first portion of Retailix WinPOS. Cannot load VDMIPX/SPX support. Continue?Y/N.**

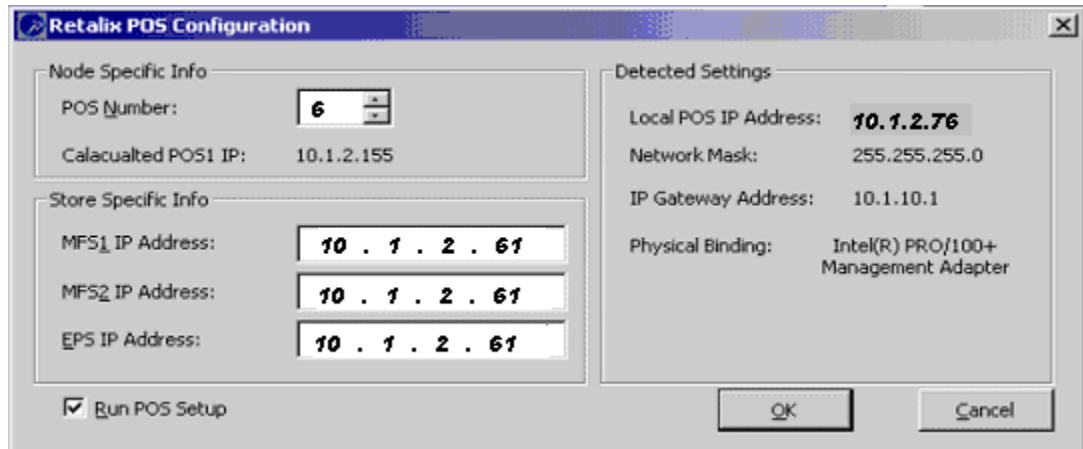
- 12) Select **Y**.

The **WinPOS Install** screen appears displaying the message **Do you want to continue ?**

- 13) Click **Yes** to continue.

WinPOS installs.

- 14) When the **Retailix POS Configuration** screen appears, **enter the POS number** (pos number = lane number).



- 15) Verify the IP information listed under **Detect Settings**.
 - a. **EXAMPLE:** POS number 1 uses the IP address 10.1.2.63, POS number 2 uses the IP address 10.1.2.64, etc.
- 16) Click **Yes**.
- 17) The Pc Reboots. You will be returned in the **Command prompt** window.
The Computer restarts. WinPOS loads. **This can take approximately 20-30 minutes.**
- 18) When the POS is loaded, the **ISS 45** splash screen appears.
- 19) Stop the **WinPOS** application (**POSW32.exe**):
 - a. Press **CTRL+ALT+DEL**.
 - b. Click **Task Manager**.
 - c. Click the **Processes** tab.
 - d. Select **POSW32.exe** and click **End Process**.

You **MUST** stop the WinPOS application before you install the U-Scan software.

If the system restarts during software installation, stop the WinPOS application immediately.

U-SCAN SOFTWARE INSTALLATION

ATTENDANT STATION

Run install program

- 1) Insert the **Software Installation CD** into the CD-ROM drive.

The installation program should start automatically. If not, double-click **My Computer** on the Windows Desktop. The **My Computer** window appears and follow these steps:

- a. Double-click the icon displaying a CD-ROM. A list of the files on the CD appears.
- b. Locate and double-click **Setup.exe** file.

Welcome to the Install Shield wizard for U-Scan screen appears.

- 2) Click **Next**.

The **Automatic Mode Selection** screen appears **DO NOT TOUCH ANYTHING**.

The software installs automatically. Do **NOT** click **Advanced**. The first time the installer is used on any computer, a series of files are installed. Once the files are installed, the system may automatically reboot more than once. **DO NOT REMOVE THE CD OR CLICK ANYTHING WHILE SOFTWARE IS INSTALLING**.

The **Choose Destination Location** screen appears.

- 3) A default destination folder is provided for the program(**C:\Cashier**). Do **NOT** change this destination folder.
- 4) Click **Next**.

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

- 5) Click **Finish**.

You are returned to the Windows desktop.

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

Customize U-Scan Software Variables (If necessary)

Reg. Files

- 1) At the Attendant Station computer desktop, double-click on **My Computer**.
- 2) Go to **C:\Cashier** directory.
- 3) Double-click **Data** directory.
- 4) Refer to table below and double-click the appropriate reg files.

Reg File	Reg file description
DC_Mobile_Attendant_on.reg	Enables the mobile attendant settings.
DC_Mobile_Attendant_off.reg	Disables the mobile attendant settings.
DC_6_Lanes.reg	Enables 6-lane Attendant Interface Layout.
DC_6Lanes_fonts.reg	Enables 6-lane Attendant Interface fonts.

- 5) After you double click any of these reg settings as appropriate, you will be prompted to confirm. Simply click **OK**.

Edit Cashier.ini (Six-Lane Configurations Only)

If the U-Scan cluster consists of 6-lane configuration follow this procedure.

- 1) Still on the **C:\Cashier\Data** directory, double-click **Cashier.ini**.

The **Notepad** appears.

- 2) In the **[ROBOTS]** section, ensure that the following two settings are present and set to:

TwoRobots= -1

NumRobots= 6 (If this setting is missing, proceed to edit it by typing NumRobots= 6)

- 3) Close the notepad.

You are prompted to save.

- 4) Click **Yes**.
- 5) Close all windows.

Change the Attendant Station Screen Resolution (Six-Lane Configurations ONLY)

If the U-Scan cluster consists of 6-lane configuration follow this procedure.

- 1) Right-click the desktop and select **Properties**.

The **Display Properties** screen appears.

- 2) Click the **Settings** tab.
- 3) Move the slider under **Screen Resolution to 1024 x 768**.
- 4) Click the **Test** button.

A confirmation screen appears.

- 5) Click **OK**.

You are prompted to confirm. That you saw the test pattern.

- 6) Click **Yes**. If the test pattern displayed properly if not verify settings again.
- 7) Click **Apply**.
- 8) Click **OK**. You will be prompted to calibrate the touchscreen.
- 9) Click the **Calibrate** button.
- 10) Touch and hold the targets one by one as they appear on the screen.
- 11) Click the **Done** button when the calibration complete box appears.

Set Up the Cashier Config file

Set up Customer Stations Computer Names

- 1) At the Attendant station desktop, locate the **Optimal Robotics** or **U-Scan** folder.
- 2) Double-click the **Optimal Robotics** or **U-Scan** folder.

A list of shortcuts appears.

- 3) Double-click the **Cashier Config** shortcut.

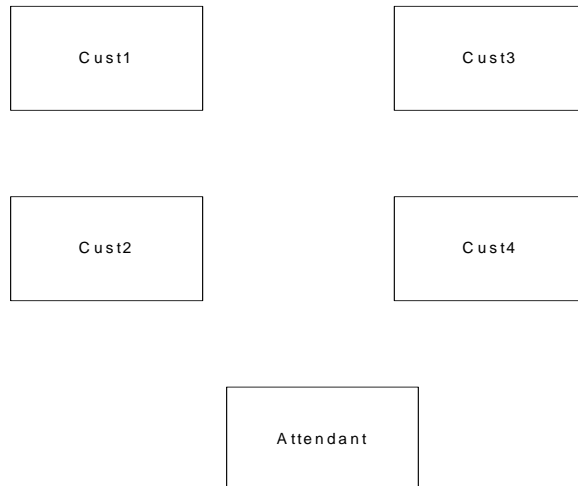
The **Cashier Config** dialog box appears.

NOTE: If there is no **Cashier Config** shortcut, go to **My Computer\C:\Cashier\Bin** and double-click **CSHCFG.exe**.

- 4) Select the **Robots** tab.
- 5) In **Robot Machine Name Layout**, enter the appropriate computer name for each of the Customer Stations.

***NOTE:** The layout you enter in each one of the numbered fields in the Cashier Config/Robots tab should reflect the physical location of each station relative to the Attendant Station.*

Example 1: 4-Lane Configuration: Assume that the store number is 123 and that the cluster ID is "a".

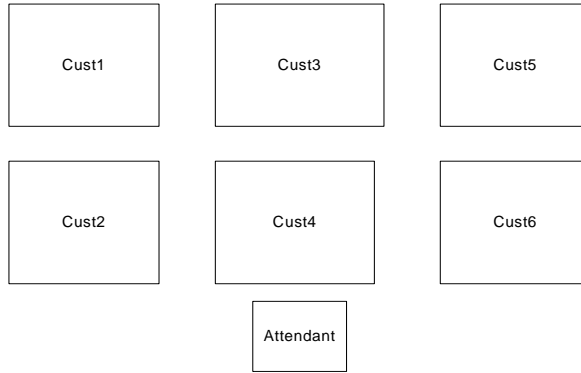


So the machine layout in the **cashier config**. Should be entered as follows:

Cust1_123a	Cust3_123a
Cust2_123a	Cust4_123a

Note: If less than 4 lanes, leave the respective fields in the cashier config blank.

Example 2: 6-Lane Configuration: Assume that the store number is 123 and that the cluster ID is "a".



So the machine layout in the **Cashier Config**. Should be entered as follows:

Cust1_123a	Cust3_123a	Cust5_123a
Cust2_123a	Cust4_123a	Cust6_123a

6) Click **Apply**.

Test all Hardware Components

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

The Launchpad appears and the cashier software initiates automatically.

- 1) At the Attendant Station, Touch **Manager**.

The **Manager Password REQ'D** screen appears.

- 2) On the number pad **select 01** and **DONE**.

The **Manager Menu** appears.

- 2) Press **Exit C:>** button.

You will be prompted to confirm that you want to exit.

- 3) Press **Yes**.

The **Launchpad** is displayed.

- 4) Press the **Device Tester** button.

You are prompted to enter a password.

- 5) Enter **1-3-7-9** and press **OK**.

The **Device Tester** window appears.

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

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

- 8) Correct the **DLL** setting if necessary:

- 9) On the PC keyboard, hold **[ALT]** and **[*]** keys

Change button becomes enabled.

- 10) Click **Change**.

- 11) Click the arrow key to display the **DLL Location** drop-down menu.

- 12) 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.

- 13) Click **Apply**.

- 14) Test all hardware devices

- 15) Click **OK** to exit the device tester.

- 16) Touch **Exit Launchpad**.
- 17) You are prompted to confirm.
- 18) Click **Yes**.

Run Test Transactions

Before running tests, speak to the front end-supervisor to access training mode.

Process purchases

- 1) Scan a few items.
- 2) Process a couple of Produce items.
- 3) Process an Age-restricted item.
- 4) Ensure that all types of items behave appropriately.
- 5) Pay with Cash at the Attendant Station.
- 6) Sign off lanes.

CUSTOMER STATION

Run install program

- 1) Insert the **Software Installation CD** into the CD-ROM drive.

The installation program should start automatically. If not, double-click **My Computer** on the Windows Desktop. The **My Computer** window appears and follow these steps:

- a. Double-click the icon displaying a CD-ROM. A list of the files on the CD appears.
- b. Locate and double-click **Setup.exe** file.

Welcome to the InstallShield wizard for U-Scan screen appears.

- 2) Click **Next**.

The **Automatic Mode Selection** screen appears **DO NOT TOUCH ANYTHING**.

The software installs automatically. Do **NOT** click **Advanced**. The first time the installer is used on any computer, a series of files are installed. Once the files are installed, the system may automatically reboot more than once. **DO NOT REMOVE THE CD OR CLICK ANYTHING WHILE SOFTWARE IS INSTALLING. IF WINPOS STARTS AT ANY POINT TERMINATE IT.**

- 3) Select Customer Station when the STEP 2- **Setup Type** Window Appears.

The **Choose Destination Location** screen appears.

- 4) A default destination folder is provided for the program(**C:\Robot**). Do **NOT** change this destination folder.
- 5) Click **Next**.
- 6) The message **Please select the proper store name** appears. Proceed to select as appropriate.
- 7) Click **Next**.

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

- 8) Click **Finish**.

You are returned to the Windows desktop.

- 9) Remove the **Software Installation CD** from the CD-ROM drive.
- 10) Click **Start>Shut Down**.
- 11) Select **Restart?**
- 12) Click **OK**.

The Computer restarts with the U-Scan software properly installed.

Customize the U-Scan Software Variables (If necessary)

At the beginning of this process we asked you to familiarize yourself with the hardware set up at the store you are in. This information will help you determine what type of customization you need to perform. Proceed as appropriate.

Reg. Files

- 1) If at the Customer Station Launchpad, touch **Exit Launchpad** to go to the desktop.
- 2) At the Customer Station computer desktop, double-click on **My Computer**.
- 3) Go to **c:\Robot** directory.
- 4) Double-click **Data** directory.
- 5) Refer to table below and double-click the appropriate reg files.

Reg File	Reg File Description
BillAccDenominations_1_2_5_10_20.REG BillAccDenominations_1_2_5_10_20_50.REG BillAccDenominations_1_5_10_20_50.REG BillAccDenominations_1_5_10_20_50_100.REG	Sets the CashCode bill acceptor to accept the denominations indicated in the reg setting. Look at the CashCode bill acceptor sticker to determine the bill denominations being accepted in order to determine which reg file to select.
Carousel_DelaRueBillDispenser_1_5_10.REG Carousel_DelaRueBillDispenser_1_5_20.REG	De La Rue Bill Dispensers: Sets the software for a 3 cassette in a carousel casing to dispense the denominations indicated in the reg setting
Uscan1_Bill_Denominations_1_5.REG	De La Rue Bill Dispenser: Sets the software for a 2 cassette in a U-Scan 1 casing to dispense the denominations indicated in the reg setting.
Uscan3_Bill_Denominations_1_5.REG	De La Rue Bill Dispenser: Sets the software for a 2 cassette in a U-Scan 4 casing to dispense the denominations indicated in the reg setting.

Uscan5_Bill_Denominations_1_5_10.REG	De La Rue Bill Dispenser: Sets the software for a 3 cassette in a U-Scan 5 casing to dispense the denominations indicated in the reg setting.
Uscan5_Bill_Denominations_1_5_20.REG	De La Rue Bill Dispenser: Sets the software for a 3 cassette in a U-Scan 5 casing to dispense the denominations indicated in the reg setting.
CpnDetector_OFF.reg CpnDetector_ON.reg	Enables and disables the coupon detector device
Robot_MobileAttendant_ON.reg Robot_MobileAttendant_OFF.reg	Enables and disables the mobile attendant at the customer station
ATPOS_SignPad_OFF.reg ATPOS_SignPad_ON.reg	Enables and disables the @POS signature capture device
Topaz_SignPad_OFF.reg Topaz_SignPad_ON.reg	Enables and disables the Topaz signature capture device.

- 6) After you double click any of these reg settings as appropriate, you will be prompted to confirm. Simply click **OK**.
- 7) Close all windows and go back to the Customer Station computer desktop.

Test all Hardware Components

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

The **Launchpad** is displayed.

- 2) Press the **Device Tester** button.

The message **Please enter password** appears.

- 3) Enter **1-3-7-9** and press **OK**. If that doesn't work enter **8-9-0-6**.

The **Device Tester** window appears.

- 4) In the **Unit Tests** window, click the tab for the device you wish to test.

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

- 6) Correct the **DLL** setting if necessary:

- a. On the PC keyboard, hold **[ALT]** and **[*]** keys
- b. **Change** becomes enabled.

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

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

- f. Click **Apply**.
- a. Test all hardware devices
- b. Click **OK** to exit the device tester.
- c. Go back to Launchpad.

Set the Lane Number

- 1) On the Launchpad, click **Set Lane #** button.
- 2) The **Enter the Lane Number** box appears.
- 3) Enter the lane number you noted earlier.
- 4) Click **OK**.

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

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

Customize the Station via Maintenance Mode as Appropriate

- 1) At the Attendant Station, Touch **Manager**.

The **Manager Password REQ'D** screen appears.

- 2) On the number pad **select 01** and **DONE**.

The **Manager Menu** appears.

3) Touch **Functions**.

The **Functions Menu** appears.

4) Touch the appropriate lane that corresponds to the Customer Station lane you are about to customize.

Maintenance Mode screen appears at the Customer Station.

5) Touch **Custom Station Configuration**

You will be prompted to enter a password.

6) Enter **1 5 9**.

7) Click on **Customer Station Type** & select as appropriate.

Note: Produce Editor should not be touched.

8) Proceed to customize the Customer Station by pressing all buttons as appropriate.

9) Click **MAIN MENU**.

You are RETURN TO THE MAIN MENU.

10) Select **Stop Robot**.

You are prompted to confirm.

11) Click **Yes**.

Customize Customer Station Screens

Please refer to **ISS45 System Description Document**, “**Customer Station Interface Customization**” section.

Run Test Transactions

After you have customized the Customer Station screens via Customer Station Interface Customization you will be required to perform final tests.

Before running tests, speak to the front end-supervisor to access training mode.

Process purchases

- 1) Scan a few items.
- 2) Process a couple of Produce items.
- 3) Process an Age-restricted item.
- 4) Ensure that all types of items behave appropriately.
- 5) Pay with Cash at the Attendant Station.
- 6) Sign off lanes.

APPENDIX A: U-SCAN SOFTWARE UPGRADE

1. UN-INSTALL U-SCAN SOFTWARE

1) Go to **Start\Settings\Control Panel**.

2) Click **Add/Remove Programs**.

The **Add/Remove** programs window will appear.

3) Click **U-Scan**

U-Scan becomes highlighted and the **Add/Remove** button will appear.

4) Click the **Add/Remove** button.

The U-Scan installer starts.

5) Verify that **Remove** is selected and click **Next**.

The U-Scan software will uninstall.

6) Click **Finish**.

7) Close the **Add/Remove Programs** window.

8) Restart the computer.

a. Go to **Start/Shutdown**.

b. Select **Restart** and click **OK**.

2. INSTALL U-SCAN SOFTWARE

Please refer to the appropriate procedure:

- ❖ U-Scan Software Installation- Attendant Station, Page # 29.
 - Follow all procedures under this section.
- ❖ U-Scan Software Installation- Attendant Station, Page # 36.
 - Follow all procedures under this section.