

Imaging and Software Installation for U-Scan **Attendant and Customer Stations**

TeamPOS 2000 Computer

StoreNext 89000330

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U-SCAN[®]

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Introduction

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 another Computer. 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 or Customer Station Computers**.

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 for TeamPOS 2000 U-Scan Attendant or Customer Station Computers.

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, or whether the setup consists of four or six Customer Station lanes.

It is very important that you follow all instructions under Task 1: Gathering the information before proceeding with imaging a Computer and installing U-Scan software.

Document Updates

Version 2:

- Incorporated modifications and additions as outlined in the **Differences in Install2.doc** file provided by StoreNext.

Version 1:

- Document creation.

Attendant Station Imaging

Pre-Imaging Procedures

Gathering the Software Information

Ensure You Have the Correct CD-ROMs

Ensure that you have the correct imaging and software installation CD-ROMs:

Image Version: P4I TP100.04

Customization CD: 216.05

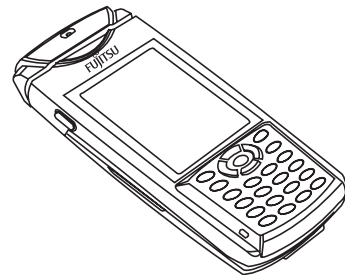
StoreNext Software Installation CD

Gathering the Hardware Information

Determine if the Mobile Attendant Is Used



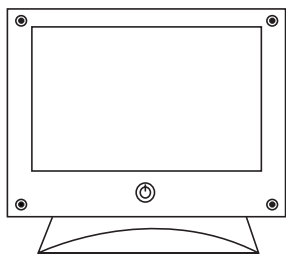
SYMBOL Mobile Attendant



iPAD Mobile Attendant

Look for a SYMBOL or iPAD wireless handheld device at the Attendant Station. Not all stores have a Mobile Attendant.

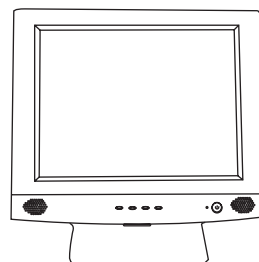
Identify the Type of Monitor



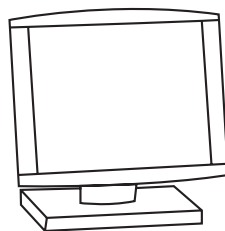
GTT (capacitive)



PREH (resistive)



VITA (capacitive)



FUJITSU D15 (capacitive)

The LCD Touch Screen Monitor at the Attendant Station can be either resistive or capacitive, as labeled in the diagrams above. Refer to table below to determine the type of Touch Screen driver you will need to install later in the process.

Monitor Model	Type	Driver
GTT	capacitive	MicroTouch
PREH	resistive	ELO Touch
VITA	capacitive	MicroTouch
D15	capacitive	MicroTouch

Setting Up the BIOS

NOTES: *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.

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.

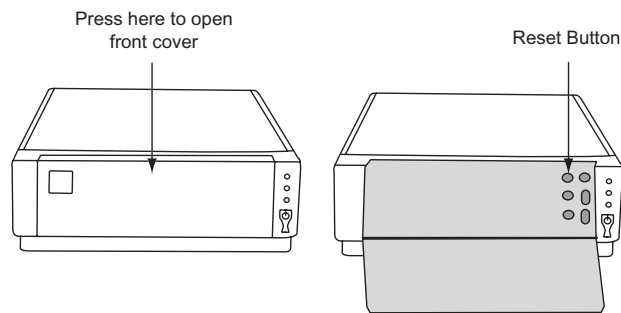
Save the Changes and Exit the BIOS

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.

Installing the Image

Follow the steps below to install the Windows 2000 image on a P4 TP2K Computer.

1. Insert the **TP2K Image Setup CD-ROM** into the CD-ROM drive.
2. Restart the Computer by pressing the **Reset** 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 **TP2K Image CD-ROM** from the CD-ROM drive.
8. Press **CTRL+ALT+DEL** to restart the Computer.
Windows starts. The system can take up to one minute before it discovers the hardware.

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

Customizing the Image

1. When the Computer restarts, wait until the message **Please insert Customization CD** appears.
2. Insert the customization CD into the CD-ROM drive.
3. Click **OK**.

NOTE: *If the U-Scan Image Configuration screen does not appear after you restart the Computer, go to **D:\installpackages**, then double-click **ImageCus.exe**.*

4. When the **Password** screen appears, enter the password (**1223**), then press **ENTER**.
5. In the **Customer field**, select your store name from the drop-down list.
6. In the **StationType** field, select **Attendant** from the drop-down list.
7. In the **Selectable/device/software** list, click **Select screen resolution**.
8. Count the number of Customer Stations (lanes).
9. In the **Device Software model** field, select either **Cashier Station with 2 or 3 or 4 Lanes** or **Cashier Station with 6 Lanes** depending on the number of Customer Stations (lanes).
10. In the **Device Software model** field, click **Select Touch Screen**.
11. For capacitive Monitors, select **Microtouch Touchscreen (USB)** or **Microtouch Capacitive Touchscreen (RS232-COM1)**.

OR

For resistive Monitors, select **Elo Touchscreen (RS232-COM1)** or **TouchKit Resistive Touchscreen (RS232-COM1)**.

NOTE: *Capacitive Touch Screens are **smooth**; resistive have **small bumps**.*

12. Click **OK**.
The **Confirm Selection** screen appears.
13. Read the information to ensure that your selections are correct.
14. If you need to change selection, click **Cancel**, then repeat step 1 to step 13.

OR

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

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

Configuring the Station

1. When the **Configure Station** confirmation screen appears, click **Yes**.
2. Click the **System Information** tab.
3. From the drop-down list, select **StoreNext**.
4. Click **Apply**.
The message **Store and Network configuration will be changed. Are you sure you want to continue?** appears.
5. Click **Yes**.
6. Click 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 disable (uncheck) the **Generate a computer name using OPMR Rules** box and assign the Attendant Station Computer a name that does not follow the standard naming convention described above.*

11. Click the **Network Configuration** tab.
12. Ensure that **IP forwarding** is disabled.
13. Verify that the **IP setting** is set to **192.168.0.5**.
14. Click **OK**.
The Computer restarts. **DO NOT REMOVE THE CUSTOMIZATION CD**.
15. When you are prompted to calibrate the Touch Screen, follow the on-screen instructions to calibrate the Touch Screen.
16. When 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, close the window and remove the Customization CD.

Post-Imaging Procedures

Clearing the Event Viewer

1. Double-click the **Event Viewer** icon on the desktop.
The **Event Viewer** screen 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 are cleared.
5. Close the **Event Viewer**.

Adjusting the Time and Time Zone

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

Customer Station Imaging

Pre-Imaging Procedures

Gathering the Software Information

Obtain the Lane Numbers

Obtain the lane numbers for Customer Stations 1-4 from the store contact.

Ensure You Have the Correct CD-ROMs

Ensure that you have the correct imaging and software installation CD-ROMs:

Image Version: P4I TP100.04

Customization CD: 216.05

StoreNext Software Installation CD

Gathering the Hardware Information

Identify the Customer Station Casing Type



LT



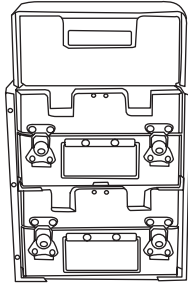
Carousel



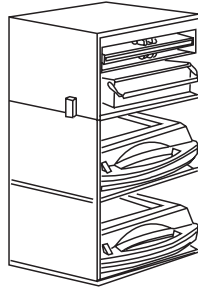
U-Scan3

NOTE: The “3” in U-Scan3 refers to the number of bag racks. The U-Scan1 and U-Scan5 Stations are not shown above. Make sure that you note the number of bag racks so that you will know which registry settings to enable later in the procedure.

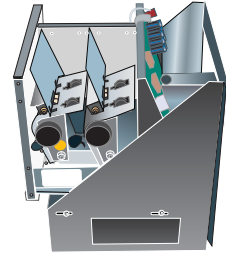
Identify the Type of Bill Dispenser



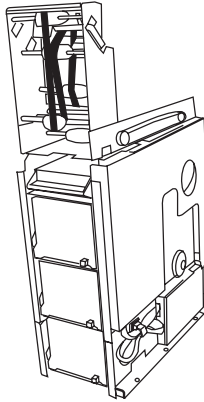
DIEBOLD



DE LA RUE



G&D (Technitrol)



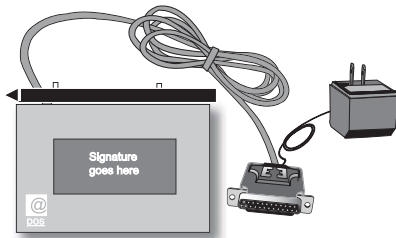
F53

Identify the Bill Denominations

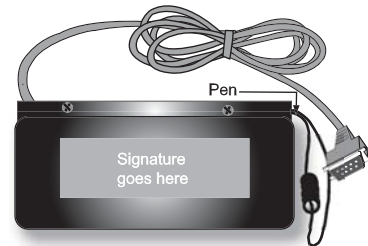
Ask the attendant or look inside the cassettes to determine which denominations (\$1, \$5, \$10, etc.) the Bill Dispenser dispenses.

Identify the Type of Signature Capture Device

NOTE: *Not all stores have a Signature Capture device.*



@POS



TOPAZ

Identify the Type of Monitor

Use a pen or any object other than your finger to touch the Touch Screen. If the Touch Screen responds, it is a **resistive** Monitor. If it does **NOT** respond, it is a **capacitive** Touch Screen.

Type	Driver
Capacitive	MicroTouch
Resistive	ELO Touch

*For capacitive Touch Screens, verify the cable connection type (USB or serial RS-232). This will determine the Touch Screen type you will select during image customization.

Determine the Type of Camera (Analog or Digital)

Lox cameras are **analog**. If this is the type of camera is used, you will notice the following:

- 9" Sony Monitor at the Attendant Station in addition to the Touch Screen Monitor
- Red LED on the front of the camera

USB cameras are **digital**. If this is the type of camera is used, you will notice the following:

- No 9" Monitor at the Attendant Station
- No red LED on the front of the Camera

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** Computer.
8. Double-click the **C** folder on the **Cashier** Computer.
9. Right-click and select **New** to create a new folder on the C drive of the Attendant Station Computer.
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.

Setting Up the BIOS

NOTES: *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.

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.

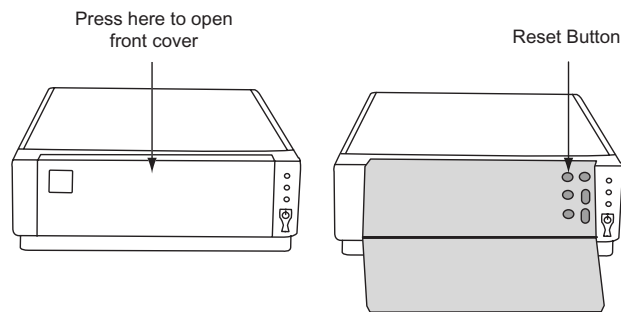
Save the Changes and Exit the BIOS

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.

Installing the Image

Follow the steps below to install the Windows 2000 image on a P4 TP2K Computer.

1. Insert the **TP2K Image Setup CD-ROM** into the CD-ROM drive.
2. Restart the Computer by pressing the **Reset** 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 **TP2K Image CD-ROM** from the CD-ROM drive.
8. Press **CTRL+ALT+DEL** to restart the Computer.
Windows starts. The system can take up to one minute before it discovers the hardware.

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

Customizing the Image

1. When the Computer restarts, wait until the message **Please insert Customization CD** appears.

NOTE: *Before the **Please insert Customization CD** prompt displays, Windows may find more new hardware, depending on the Computer configuration. It can take up to one minute before this prompt displays.*

2. Insert the customization CD into the CD-ROM drive.

3. Click **OK**.

NOTE: *If the U-Scan Image Configuration screen does not appear after you restart the Computer, go to **D:\installpackages**, then double-click **ImageCus.exe**.*

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

5. In the **Customer field**, select **StoreNext** from the drop-down list.

6. In the **StationType** field, select **Customer** from the drop-down list.

7. In the **Device Software model** field, click **Select Touch Screen**.

8. For Plano Scan and Bag systems, select **Elo Touchscreen (RS232-COM1)**.

OR

For the Plano U-Scan MAX Single Belt Station (SBU), select **Elo Touchscreen (USB)**.

9. Click **OK**.

The **Confirm Selection** screen appears.

10. Read the information to ensure that your selections are correct.

11. If you need to change the selection, click **Cancel**, then repeat step 1 to step 10.

OR

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

NOTES: *If the error **Cannot import ELOUSB.reg: error accessing the registry** appears, ignore it and click **OK**.*

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

Configuring the Station

1. When the **Configure Station** confirmation screen appears, click **Yes**.

2. Click the **System Information** tab.

3. From the drop-down list, select **StoreNext**.

4. Click **Apply**.

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

5. Click **Yes**.

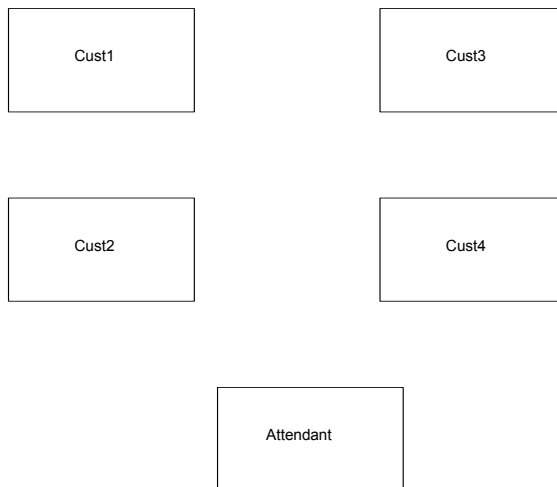
6. Click the **Store Configuration** tab.

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**, refer to the diagram below to select the Customer Station ID based on the position of the Customer Station. (Robot 1=Cust1, Robot 2=Cust2, etc)

4-Lane set up



10. Refer to the example below to verify the Computer name.

Assume that the **store number** is **123** and that the **cluster ID** is **a**. The Computer name as per the standard naming convention is:

CUST1_123a

11. Click the **Network Configuration** tab.
12. Disable **IP forwarding** for **ALL** Customer Stations.
13. On network card (NIC) 1, ensure that the **IP setting** is set to **192.168.0.X**, where
“X” represents the Customer Station number (i.e. Cust1 = 192.168.0.1)
14. Go to the **Secondary Card Settings** and select **Use Static IP**.
15. If necessary, enter the **IP address**, **Subnet Mask** and **Default Gateway** information.
NOTE: *Refer to your IP list or contact technical support for IP information.*
16. Click **OK**.
The Customization continues, and there is a pause in the installation. No action is required.
17. Wait for the Station to restart. **DO NOT REMOVE THE CUSTOMIZATION CD.**
18. When you are prompted to calibrate the touch screen, follow the on-screen instructions to calibrate the touch screen.
19. When 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, close the window.
20. Remove the **Customization CD**.

Post-Imaging Procedures

Clearing the EventViewer

1. Double-click the **Event Viewer** icon on the desktop.
The **Event Viewer** screen 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 are cleared.
5. Close the **Event Viewer**.

Adjusting the Time and Time Zone

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

Installing ISS45

1. Insert the ISS45 distribution CD into the CD-ROM drive and run the installation for WinPOS.
2. At the **Welcome** screen, click **Next**.
3. Verify the **Name** and **Company** and click **Next**.
4. Review the **Registration Confirmation** screen and click **Yes**.
5. Leave the **Destination** folder at the default and click **Next**.
6. Ensure the **Screen Resolution** is set to **800x600** and click **Next**.
7. At **Screen Format**, choose **Touch Menu Panel** and click **Next**.
8. At **Color Configuration**, choose **Color Screen** and click **Next**.
9. At **VGA Configuration**, choose **VGA Single Screen** and click **Next**.

-
10. At **Hardware Type**, choose **USCAN** and click **Next**.
 11. At **Pos Terminal Number**, choose the number of your ISS45 POST.
 12. At **Use Auto Logon**, choose **Ignore** and click **Next**.

NOTE: *The image installation for USCAN TP2K has already done this.*
 13. Review the **Start Copying Files** screen, and click **Next**.
 14. When the **Hosts** screen displays, enter your IP addresses for your ISS45 store LAN configuration and uncomment the Subnet Mask.
 15. At **Setup Complete**, click **No, I will restart my computer later**, then click **Finish**.
 16. Follow the steps below to cut and paste the **WinPOS Startup** shortcut from the **Start** menu to prevent it from starting during the USCAN installation:

NOTE: *FAILURE TO PERFORM THESE STEPS WILL RESULT IN A **POSW32** APPLICATION ERROR.*

 - a. On the desktop, right-click **Start**.
 - b. Click **Open all users**.
 - c. Click **Programs**.
 - d. Click **Startup**.
 - e. Cut the **WinPOS Startup** shortcut and paste it on the desktop.

NOTE: *If the WinPOS application is running, you **MUST** stop it before you install the U-Scan software.*

Attendant Station Software Installation

Installing the Attendant Station Software

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

The installation program should start automatically. If not, follow the steps below:

- a. Double-click **My Computer** on the Windows desktop.
The **My Computer** window appears.
- b. Double-click the icon displaying a CD-ROM.
The list of the files on the CD appears.
- c. Double-click **Setup.exe**.

2. 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***

3. When the **Step 2 – Setup type** screen appears, select **Cashier Station**, then click **Next**.
The **Choose Destination Location** screen appears. 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**.
6. Remove the Software Installation CD from the CD-ROM drive.



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

Post-Installation Procedures

Customizing the U-Scan Software Variables (If Necessary)

At the beginning of this process, you noted certain information on the U-Scan system's hardware setup. This information will help you determine what type of customization the store requires.

Registry Files

1. Access the **Manager** menu.
 - a. Turn the manager key to the **ON (1)** position.
 - b. Touch **Manager**.
The **Manager** menu appears.
- OR**
- a. Touch **Manager**.
The **Password** screen appears.
- b. Enter the manager password, then touch **Done**.
The **Manager** menu appears.
2. Touch **Exit**.
The message **Are you sure?** appears on the **Exit Cashier** screen.
3. Click **Yes**.
The Attendant Station **Launchpad** displays.
4. On the Attendant Station **Launchpad**, touch **Exit Launchpad**.
A confirmation screen appears.
5. Touch **Yes**.
The Windows desktop displays.
6. Double-click **My Computer**.
7. Go to **C:\Cashier\Data**.
8. Refer to table below and double-click the appropriate files based on the information you noted earlier.

Registry File	Function
DC_Mobile_Attendant_on.reg	Enables the mobile attendant settings.
DC_Mobile_Attendant_off.reg	Disables the mobile attendant settings.
DC_USBCamera_on.reg	Enables USB camera settings.
DC_USBCamera_off.reg	Disables USB camera settings.

-
9. After you double-click a registry setting, click **OK** to confirm.
 10. Close all windows and return to the desktop.

Setting Up the Cashier Config

Customer Station Computer Names

1. On the Attendant station desktop, locate the **U-Scan** folder.

NOTE: *On older systems, this folder is named **Optimal Robotics**.*

2. Double-click the **U-Scan** or **Optimal Robotics** folder.
A list of shortcuts appears.

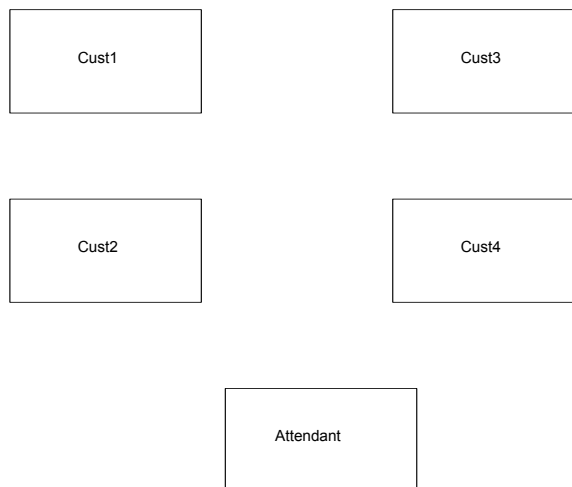
3. Double-click the **Cashier Config** shortcut.
The **Cashier Config** screen appears.

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

4. Click the **Robots** tab.

5. In **Robot Machine Name Layout**, enter the appropriate computer name for each of the Customer Stations. You noted this information at the beginning of this procedure.

NOTE: *The layout you enter in each one of the numbered fields must reflect the physical location of each Station relative to the Attendant Station.*



EXAMPLE: (4-Lane Configuration) If the store number is **123** and the cluster ID is **a**, the machine layout in the **Cashier Config** should be entered as follows:

Cust1_123a	Cust3_123a
Cust2_123a	Cust4_123a

NOTE: *If the system has fewer than four lanes, leave the respective fields blank.*

6. Click **Apply**.

Testing the Attendant Station Hardware

1. Go to **Start > Programs > Startup > Launchpad**.
The **Launchpad** displays and the Attendant Station software starts.
2. Access the **Manager** menu.
 - a. Turn the manager key to the **ON (1)** position.
 - b. Touch **Manager**.
The **Manager** menu appears.

OR

 - a. Touch **Manager**.
The **Password** screen appears.
 - b. Enter the manager password, then touch **Done**.
The **Manager** menu appears.
3. Touch **Exit**.
The message **Are you sure?** appears on the **Exit Cashier** screen.
4. Click **Yes**.
The Attendant Station **Launchpad** displays.
5. Touch **Device Tester**.
The **Password** screen displays.
6. Enter **1379** and touch **OK**.
The **Device Tester** window appears.
NOTE: *If 1379 does not work, enter 8906.*
7. In the **Cashier Device Test** window, click the tab for the device you wish to test.
8. Check that the **DLL** is set to the correct device model.
9. 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**.

10. Test all the devices.

11. Click **OK** to exit the **Device Tester**.

12. Touch **Exit Launchpad**.
A confirmation screen appears.

13. Click **Yes**.

Customer Station Software Installation

Installing the U-Scan Customer Station Software

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

The installation program should start automatically. If not, follow the steps below:

- a. Double-click **My Computer** on the Windows desktop.
The **My Computer** window appears.
- b. Double-click the icon displaying a CD-ROM.
The list of the files on the CD appears.
- c. Double-click **Setup.exe**.

2. 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***

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

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

4. Click **Next**.
The **POS Installation** screen displays.
5. Select **ISS45** and click **Next**.

6. If the message **Is this a U-Scan Single Belt System?** displays (USCAN release 35 only), click **Yes**, then click **Next**.
The software installs. When the installation is complete, the **Install Shield Wizard Complete** screen appears.

7. Click **Finish**.
8. Remove the **Software Installation CD** from the CD-ROM drive.
9. Follow the steps below to move the WinPOS Startup shortcut back to the **Start** menu:

-
- a. Right-click the **WinPOS Startup** shortcut on the desktop and select **Cut**.
 - b. On the desktop, right-click **Start**.
 - c. Click **Open all users**.
 - d. Click **Programs**.
 - e. Click **Startup**.
 - f. Paste the **WinPOS Startup** shortcut into the **Startup** folder.
10. Restart the Computer:
- a. Go to **Start > Shut Down**.
 - b. Click **Restart**.
 - c. Click **OK**.

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



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

Post-Installation Procedures

StoreNext Procedures

Follow your store's instructions to perform the following procedures after the software loads and the ISS45 application has finished the cold start:

- Load the payment software (for example, **WinEPS**).
- Load the ISS45 MTX patch (if the system uses MTX) from the ISS45 CD-ROM or the current patch level for ISS45.
- Load a customized version of **MenuSys.MAC** for your store. (The generic **MenuSys.MAC** does not support U-Scan.)

- Disable **Auto Sign On**:

NOTE: *End of Day will not run properly on U-Scan for U-Scan releases 31 and 35 if you do not perform this step.*

- a. Go to **C:\Program Files\posware\winpos**.
- b. Open the **vposcfg.ini** file.
- c. Set the **AutoSignOn** setting to **0**.
- d. Save and close the file.

Customizing the U-Scan Software Variables (Registry Files)

Plano U-Scan Single Max Station (SBU) Lab System

1. If the Customer Station Launchpad is displaying, touch **Exit Launchpad** to go to the desktop.
2. Go to **Start > Run**.
3. Enter **regedit** and press **Enter**.
The Registry Editor displays.
4. Go to **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.

Plano Scan and Bag

1. If the Customer Station Launchpad is displaying, touch **Exit Launchpad** to go to the desktop.
2. Go to **Start > Run**.
3. Enter **regedit** and press **Enter**.
The Registry Editor displays.
4. Go to **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. Repeat the steps above to set the **BillDenominations** setting to **1,5,10**.
9. Go to **HKEY_CURRENT_USER \ Software \ OptimalRobotics \ Devices \ BagScale**.
10. Set the **SingleUnitMode** setting to **1**.
11. Close all windows and return to the Customer Station Computer desktop.

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.

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 and that the settings are as listed in the appropriate table below (MAX SBU or Scan and Bag):

Plano U-Scan Max Single Station (SBU) Lab

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

Plano U-Scan Scan and Bag Lab

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

Plano U-Scan Scan and Bag Lab

Device	DLL	COM	Baud	Parity	Data Bits	Stop Bits
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

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**.

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 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. Go to the Attendant Station.

-
2. Access the **Manager** menu.
 - a. Turn the manager key to the **ON (1)** position.
 - b. Touch **Manager**.
The **Manager** menu appears.

OR


 - a. Touch **Manager**.
The **Manager Password Req'd** screen appears.
 - b. Use the number pad to enter the password, then touch **Done**.
The **Manager** menu appears.
 3. Touch **Functions**.
The **Functions** window appears.
 4. Touch the **Toolbox** button corresponding to the lane you want to put into **Maintenance Mode**.
 5. Go to the Customer Station.
 6. Touch **Custom Station Configuration**.
 7. Enter the password **1 5 9** and touch **DONE**.
 8. Touch **EAS Type**.
 9. If the store does not use an EAS, select **EAS Disabled** in the bottom right corner of the screen.

OR

If the store uses an EAS, select the correct EAS setup.
 10. Touch **Go Back**.
 11. Touch **Change Scanner**.
 12. Select the appropriate Scanner Scale.
 13. Touch **Change EFT**.
 14. Select the appropriate EFT Pinpad.
 15. Click **Select Casing**.
 16. Select the appropriate casing type.
 17. Click **Exit Maintenance**.
 18. On the **Launchpad**, click **Exit Launchpad**.
A confirmation screen appears.
 19. Click **Yes**.

Performing Test Transactions

1. Ask the front-end supervisor to access Training Mode at the Attendant Station.
2. Scan three or four items.
3. Process at least two produce items.
4. If applicable, purchase an age-restricted item such as alcohol or tobacco.
5. Ensure that the system behavior is correct for each type of purchase.
6. Pay with cash at the Attendant Station.
7. Sign off the lanes.


FUJITSU

THE POSSIBILITIES ARE INFINITE