






  
  
*ScanMaster*

-  *Installation Guide, ScanMaster 2.5.0*
-  *With U-Scan Installation Notes*
-  *U-Scan Upgrade Notes*
-  *TeamPoS 2000 Upgrade Notes*
- 

## ScanMaster V2 Installation Guide

<b>Date of Issue</b>	<b>Product Identification Number</b>	<b>Part Number</b>	<b>Brief Description</b>
March 2005	45001/083	89000198	Initial Release
January 2006	45001/083	89000283	2.3.0 Release
May 2007	45001/083	89000341	2.4.1 Release
December 2007	45001/083	89000412	2.5.0 Release
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## 2.05.00-050 Upgrade and Installation Procedures

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### ScanMaster Upgrade and Installation Overview Procedures

The procedures for this chapter outline full installation and upgrade instructions for ScanMaster version 2.05.00. This release supports the upgrade from ScanMaster versions 1.02.00, 1.02.01, 1.02.02, 1.02.03, 2.00.01, 2.00.02, 2.00.03, 2.01.00, 2.01.02, 2.02.00, 2.03.00, 2.03.01, 2.04.01 And 2.05.00.

#### **Important Notes:**

**1. New to this release – ScanMaster security is now implemented by a hardware key called a HASP. The HASP module needs installed to the ScanMaster Server’s parallel port or to a USB port on the Server depending on the HASP model. The HASP module must be installed for ScanMaster software to run! There is no longer a grace period for securing the system. DO NOT perform an upgrade until a properly programmed HASP is available, and installed into the ScanMaster server.**

**1. In this release - Support for Windows 2003 Server Standard Edition and Windows XP SP2 for Back Office PC’s. The ScanMaster Server should be setup as a Standard Server, not a Primary Domain Controller.**

**2. In this release - Due to Windows 2003 Server requirements that no blank passwords are permitted, the ScanMaster Installation will create the following User Names and Passwords:**

**Back Office Workstations – Workstation User Names of “WRKSTN100” to “WRKSTN120” with Passwords of “BO100” through “BO120”, respectively.**

**PoS Workstations – Workstation User Names of “WRKSTN01” to “WRKSTN99” with Passwords of “POS01” through “POS99”, respectively.**

**(A “LOCALSM” user for Server login and “REMOTESM” user for remote support are also created.) All Users will be assigned to the Administrator’s Group. For an initial installation, the installer should always be logged on as the Administrator. In addition, the Administrator on all PC’s and PoS workstations accessing the ScanMaster Server should be set up with the same password. If the store system is to be part of a WAN then the IT installer will need to adjust the ScanMaster users’ security according to the WAN’s requirements. This needs to be done AFTER the installation is complete. The ScanMaster users’ net permissions and file and folder permissions (on NTFS) will need granted full control on all folders created by the install.**

**3. Do not attempt to install or upgrade to ScanMaster 2.05.00 unless at least 5 GB of hard drive space is available.**

**4. See previous chapter for supportable hardware configurations.**

5. **This release does not support the upgrade from ScanMaster 1.1.6. If an upgrade from 1.1.6 is desired, the system must first be upgraded from 1.1.6 to 2.00.00 (or 1.02.00), then to 2.05.00.**
6. **Beginning with ScanMaster 2.01.00, the Windows 98 operating system will no longer be supported, and beginning with ScanMaster 2., the Windows NT4 operating system will no longer be supported.**

**Only Windows 2000 Professional or Windows XPe(Embedded) is supported on the PoS terminals. Windows 2003 Server and Windows 2000 Server are supported on the ScanMaster Servers and Windows 2000 Professional and Windows XP Professional are supported on the BackOffice Workstations.**

7. **The 2.05.00 release and above also requires Pervasive V8.6 (or newer) server and workstation software as the database manager.**
8. **IMPORTANT UPGRADE NOTE: If upgrading ScanMaster at a 24-hour site, upgrade all PoS workstations prior to upgrading the Server and any backoffice workstations. After each PoS workstation is upgraded it will run in "Offline mode" until the server has been upgraded. After upgrading the PoS Workstations, upgrade the Server and then the BackOffice Workstations.**
9. **Automatic Updates are not recommended because they require rebooting the computer (and will continually prompt for a reboot until it has been performed). It is recommended to manually install security updates only from the Windows Update Web Site at a store-convenient time when the computer can be rebooted. (See page 43 for more information).**

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## Server Setup

This section describes the setup of a ScanMaster Server, including:

- Installing the operating system
- All necessary prerequisite components of ScanMaster
- Installing or upgrading ScanMaster 2.05.00
- Installing the PoS workstation installation on the server (for later network installation of the PoS workstations).

## Prerequisites

Before starting the install/upgrade ensure you have:

- Operating System Installation CDs with “Product Key” from Microsoft if system is not preloaded.
- Pervasive v8.x Server Engine Installation CD
- ScanMaster 2.05.00 Installation CD
- At least 5GB available hard drive space on the server, after the Operating system has been installed.
- If upgrading, a complete data backup of the system.
- If upgrading a 24-hour site, upgrade all PoS workstations prior to upgrading the Server and any Back Office Workstations.

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## Operating System Installation for the Server

This section details the steps necessary to install the operating system on the ScanMaster server. Supported operating systems are:

- Windows 2003 Server
- Windows 2000 Server
- Windows XP Professional (Express and Espresso Configurations)
- Windows 2000 Professional (Small Store Configuration)

### Windows 2003 Server

Servers can be purchased with Windows 2003 Server pre-installed. If Windows 2003 Server is pre-installed on your server, continue to the section *Configuring Your Server* (page 7).

#### Installing Windows 2003 Server

1. Boot your server from the CD-ROM drive with the Windows 2003 Server CD in the drive.

*The Windows Setup program initializes and the Welcome to Setup screen displays.*

2. Press **Enter** to continue.

*The Windows 2003 Server Licensing Agreement screen displays.*

3. (Optional) Press **Page Down** and read the License.

4. Press **F8** to accept the licensing agreement.

*The Windows 2003 Server Setup screen displays. If you have an existing partition, you will delete it using the instructions below. If you do not have a partition, skip to step #13.*

5. Press **D** to delete the selected partition.

6. Press **Enter** to continue.

7. Press **L** to delete the partition.

8. Press **C** to create a partition in the unpartitioned space.

9. Take the default maximum partition size and press **Enter** to continue.

10. Press **Enter** to Install.

11. Select **NTFS** and press **Enter**.

*The formatting may take several minutes. When the formatting is complete, you will be prompted to remove the diskette (if you booted from a floppy disk).*

12. If booting from a floppy drive, remove the diskette and press **Enter**.

*The system reboots. When finished, the Regional Setting window displays.*

13. Click **Next** to continue.

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*The Personalize your Software window displays.*

14. Type your **Name** and **Organization** in the fields provided and click **Next**.

*The Product key screen appears.*

15. Type in the Product Key and click **Next**.

*The Licensing Modes screen appears.*

16. Input the number of licenses and click **Next**.

*The Computer Name and Administrator Password windows display.*

17. Type **SERVER** in the computer name field.

18. Type an administrator password and confirm that password.

**Note:** The password cannot be blank and must be at least 6-characters in length. (It may be a combination of letters and numbers)

19. Click **Next**.

*The Windows 2003 Server Components window displays.*

20. Accept the default and click **Next** to continue.

*The Date and Time Settings window displays.*

21. Set the correct date, time, and time zone and click **Next**.

*The system reboots.*

22. Login as the Administrator.

*After additional file loading, the "Manage Your Server" window displays.*

23. Click the "Don't Display This Page at Login" checkbox (lower left-hand portion of the screen) and close the window.

**Note:** If you need to install any hardware drivers follow the installation steps to install these drivers at this time. Consult your network administrator before assigning or changing any TCP/IP settings.

**Note:** Do not select any configuration that may make the server a Domain Controller.

**Note:** If you are prompted to install the Service Pack CD (which is already included on the some Windows 2003 Server CDs) keep the CD in the drive and acknowledge the message to continue.

24. When the program finishes the installation process, remove the CD-ROM from the CD-ROM and click **Finish**.

### Configuring your Server

1. If not logged on, press CTRL + Alt + Delete to log on.
2. Type your Administrator name and Password in the fields provided and click **OK**.

3. Select **Start**.
4. Right-click on **My Computer** and select Properties from the pop-up menu.
5. Click the Computer Name Tab.
6. Click the **Change** button.
7. Confirm the “Workgroup” radio button is selected and enter the name of **STORE** for you workgroup, and click **OK**.  
*The welcome to the STORE workgroup window displays.*
8. Click **OK**.  
*You are prompted to reboot the computer.*
9. Click **OK**.
10. Click **OK**.
11. Click **Yes** to restart your computer.

#### Changing Display Settings on the Windows 2003 Server

1. Right-click on the Windows Desktop and select Properties from the pop-up menu.
2. Click the **Settings** tab.
3. Set the Screen Area to **800x600** pixels and click OK.  
*A display properties informational box displays.*
4. Click **OK** to apply the new settings.  
*The Monitor Settings informational box displays asking if you wish to save these settings.*
5. Click **OK**.

## Windows 2000 Server

Servers can be purchased with Windows 2000 Server pre-installed. If Windows 2000 Server is pre-installed on your server, continue to the section *Configuring your Server (Page 11)*.

**Note:** If the Server’s BIOS supports a bootable CD, installation can be run from the CD (if the BIOS is set to check the CD-ROM drive prior to looking at the Hard Drive for the operating system. Most servers manufactured after 1997 have this BIOS option.) If you boot from a CD-ROM drive, skip to step 6 of **Installing Windows 2000 Server** below. Be sure to set your BIOS’s boot sequences back to their original settings after the install.

#### Create Boot Disks

You will need to create boot disks if your server does not have the capability to boot from the server. Follow the directions below to create the boot disks.

1. Insert the Microsoft Windows 2000 Server CD-ROM into the CD-ROM drive.
2. From a command (C:\) prompt, type **X:** (where X is the drive letter for your CD-ROM drive) and press **Enter**.
3. Type **CD BOOTDISK** and press **Enter** to change to the bootdisk folder.
4. Type **MAKEBOOT** and press **Enter** to launch the executable that will make your boot disks.
5. When prompted, specify the floppy drive to which you will copy the images.
6. Label a diskette Windows 2000 Server Setup Disk #1 and insert the diskette into the floppy drive.
7. Click **Enter** to continue.
8. When prompted insert diskettes #2, #3, and #4. Remember to label each diskette.

#### Installing Windows 2000 Server

1. Turn off the Server and insert Windows 2000 Server Setup Disk #1 into the floppy drive.
2. Power the Server on.  
*The Windows 2000 Server Setup window displays.*
3. When prompted, insert Windows 2000 Server Setup Disk #2 and press **Enter**.
4. When prompted, insert Windows 2000 Server Setup Disk #3 and press **Enter**.
5. When prompted, insert Windows 2000 Server Setup Disk #4 and press **Enter**.  
*The Welcome to Setup screen displays.*
6. Press **Enter** to continue.
7. Insert the Windows 2000 Server CD-ROM and press **Enter**.  
*The Windows 2000 Server Licensing Agreement screen displays.*
8. Press **Page Down** and read the License.
9. Press **F8** to accept the licensing agreement.  
*The Windows 2000 Server Setup screen displays. If you have an existing partition, you will delete it using the instructions below. If you do not have a partition, skip to step #14.*
10. Press **ESC** to not repair the previous installation.
11. Press **D** to delete the selected partition.
12. Press **Enter** to continue.
13. Press **L** to delete the partition.
14. Highlight the unpartitioned space and press **C** to create a partition in that space.
15. Take the default maximum partition size and press **Enter** to continue.
16. Highlight the new partition and press **Enter** to Install.

17. Select **NTFS** and press **Enter**.  
*The formatting may take several minutes. When the formatting is complete, you will be prompted to remove the diskette.*
18. Remove any diskette in the floppy drive and press **Enter**.  
*The system reboots. When finished, the Regional Setting window displays.*
19. Click **Next** to continue.  
*The Personalize your Software window displays.*
20. Type your **Name** and **Organization** in the fields provided and click **Next**.  
*The Product key screen appears.*
21. Type in the Product Key and click **Next**.  
*The Licensing Modes screen appears.*
22. Input the number of licenses and click **Next**.  
*The Computer Name and Administrator Password windows display.*
23. Type **SERVER** in the computer name field.
24. Type an administrator password and confirm that password.
25. Click **Next**.  
*The Windows 2000 Server Components window displays.*
26. Ensure the IIS (Internet Information Service) component is unchecked and click **Next** to continue.  
*The Date and Time Settings window displays.*
27. Set the correct date, time, and time zone and click **Next**.  
*Additional file loading continues.*
28. When the program finishes the installation process, remove the CD-ROM from the CD-ROM and click **Finish**.
29. Login as the Administrator.
30. Click the "I will configure this server later" radio button and click **Next**.
31. Close the Windows 2000 Server Configure Your Server window.

**Note:** If you need to install any hardware drivers follow the installation steps to install these drivers at this time. Consult your network administrator before assigning or changing any TCP/IP settings.

**Note:** Do not select any configuration that may make the server a Domain Controller.

**Note:** If you are prompted to install the Service Pack CD (which is already included on some Windows 2000 Server CDs) keep the CD in the drive and acknowledge the message to continue.

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### Configuring your Server

1. If not logged on, press CTRL + Alt + Delete to log on.
2. Type your Administrator name and Password in the fields provided and click **OK**.
3. Upon reboot uncheck the “Show this screen at startup” checkbox and exit the Getting Started screen.
4. Right-click on **My Computer** and select Properties from the pop-up menu.
5. Click the Network Identification Tab.
6. Click the **Properties** button.
7. Confirm the “Workgroup” radio button is selected and enter the name of **STORE** for your workgroup, and click **OK**.

*The welcome to the STORE workgroup window displays.*

8. Click **OK**.

*You are prompted to reboot the computer.*

9. Click **OK**.
10. Click **OK**.
11. Click **Yes** to restart your computer.

### Changing Display Settings on the Windows 2000 Server

1. Right-click on the Windows Desktop and select Properties from the pop-up menu.
2. Click the **Settings** tab.
3. Set the Screen Area to **800x600** pixels and click **OK**.

*A display properties informational box displays.*

4. Click **OK** to apply the new settings.

*The Monitor Settings informational box displays asking if you wish to save these settings.*

5. Click **OK**.

### Sharing the Server CD-ROM Drive (Windows 2000 Server)

To install the various components of this release, you will need to share the CD-ROM drive on the server with the registers.

1. Click from the Windows taskbar Start → Programs → Accessories → Windows Explorer.
2. Click **My Computer**.
3. Right-click on the **CD-ROM** drive.
4. Select **Sharing** from the pop-up menu.
5. Click on the **Share this Folder** radio button.

6. In the Shared Name field type **CD\_ROM**.
7. Click Permissions and then select Everyone. Ensure everyone has Full Control selected. Click **OK**.
8. Click **OK** to complete the operation.

#### Setting TCP/IP as the Network Protocol on the Server (Windows 2000 Server)

**Note:** If you find that TCP/IP has already been installed, click **Cancel** after Step 3 and exit the install procedure.

1. From the Microsoft Windows taskbar, select **Start** ® **Settings** ® **Control Panel**.  
*The Control Panel window displays.*
2. Double-click on the **Network and Dial Up Connections** icon.
3. Right-click on **Local Area Connection** and select Properties from the pop-up menu.
4. Look for the “Internet Protocol (TCP/IP)” and ensure it is checked (by clicking the box).
5. Click **OK**.  
*The restart window may appear.*
6. Click **Yes** to restart the server (if prompted).
7. If the server is restarted, log on to the server as Administrator.

## Windows XP Professional (Acer OEM Version)

This section describes configuring the OEM version of Windows XP Professional preloaded on the Acer models V5600GT, and V7600GT PCs.

**Note:** Do not use this section if you are installing a new copy of Windows XP Professional on the PC. Instead use the section after this titled “Windows XP Professional” on page 16.

*The first time the Acer is powered on, the “Welcome to Microsoft Windows” screen displays.*

1. Click **Next**.  
*The Select Your System Settings screen displays. The default selections are for United States, English (United States) Language, and US for the keyboard.*
2. Click **Next**.  
*The End User License Agreement screen displays.*
3. Select the “Yes, I accept...” radio-button, and click Next.  
*The “What’s your computer’s name?” screen displays.*
4. Type **SERVER** in the computer name field.

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5. Click **Next**.  
*The “What’s your Administrator password?” screen displays.*
  6. Type an administrator password and confirm that password.  
**Note:** It is recommended the password not be blank and be at least 6-characters in length. (It may be any combination of letters and numbers)
  7. Click **Next**.  
*The “Is this computer in a domain?” screen appears.*
  8. Select “No, don’t make this computer part of the domain” radio-button, and then click **Next**.  
*The system checks for Internet connectivity, and then displays the “Will this computer connect to the Internet...” screen.*
  9. Select the appropriate radio-button response, and click **Next**.  
*The “Ready to register with Microsoft?” screen appears.*
  10. Select “Yes...” radio-button response, and click **Next**.  
*The “Collecting Registration Information” screen appears.*
  11. Enter appropriate information and then click **Next**.  
*The “Who will use this computer?” screen appears.*
  12. At least one user name must be entered. Enter **Local** in the “Your name” field and click **Next**.  
*The “Thank You!” screen displays.*
  13. Click **Finish**.
  14. Login as the Administrator.
  15. Turn off the Welcome screen by clicking **Start ? Control Panel? User Accounts? Change the way users log on or off**.
  16. Unselect “Use the Welcome Screen” and click Apply Options.
  17. Close the User Accounts and Control Panel window.  
**Note:** Install any Windows XP Professional Service Packs (**Start? All Programs? Windows Update** if connected to the Internet) that are available for your release level.

#### Configuring your Server

1. If not logged on, press CTRL + Alt + Delete to log on.
2. Type your Administrator name and Password in the fields provided and click **OK**.
3. Select **Start**.
4. Right-click on **My Computer** and select **Properties** from the pop-up menu.
5. Click the Computer Name Tab.

6. Click the **Change** button.
7. Confirm the “Workgroup” radio button is selected and enter the name of **STORE** for you workgroup, and click **OK**.  
*The welcome to the STORE workgroup window displays.*
8. Click **OK**.  
*You are prompted to reboot the computer.*
9. Click **OK**.
10. Click **OK**.
11. Click **Yes** to restart your computer.

#### Changing Display Settings on the Windows XP Professional server

1. Right-click on the Windows Desktop and select Properties from the pop-up menu.
2. Click the **Settings** tab.
3. Set the Screen Area to **800x600** pixels and click OK.  
*A display properties informational box displays.*
4. Click **OK** to apply the new settings.  
*The Monitor Settings informational box displays asking if you wish to save these settings.*
5. Click **Apply**.
6. Click the **Appearance** tab.
7. In the “Windows and Buttons” drop down box, select **Windows Classic Style**.
8. Click **OK**.
9. Right-click the **Start** button.
10. Choose **Properties** from the pop-up menu.
11. Select the “Classic Start Menu” radio-button.
12. Click **OK**.

#### Configuring the Firewall, Automatic Update and Virus Protection Options (XP Service Pack 2 and greater)

1. Click **Start? Control Panel? Security Center**.
2. In the Resources section (on the left), click “Change the way Security Center alerts me”.
3. Uncheck all three Alert Setting options.
4. Click **OK**.
5. On the bottom, click Windows Firewall (under “Manage security settings for”).
6. Click “Off”.

7. Click **OK**.
8. On the bottom, click Automatic Updates (under “Manage security settings for”).
9. Click “Turn off Automatic Updates”.
10. Click **OK**.
11. Close the Security Center and Control Panel windows.
12. Double-click the Norton AntiVirus icon located in the system tray (to the left of the time).

*The Norton AntiVirus window displays*

13. Click the **Options** button at the top of the window.

*The Norton AntiVirus Options window displays*

14. Deselect the “Enable Auto-Protect...” checkbox.
15. Click **Script Blocking** from the menu on the top left.
16. Deselect the “Enable Script Blocking” checkbox.
17. Click **OK**.
18. Close all open windows.

#### Disabling Windows Messenger (Optional)

**Note:** Before attempting to disable Windows Messenger, close all open windows.

1. Double-click the Windows Messenger icon in the system tray, to the left of the time.

*The Windows Messenger window appears.*

2. On the Windows Messenger menu bar, select **Tools**, and then select **Options** from the pop-up menu.

*The Options window appears.*

3. Click the **Preferences** tab.
4. Deselect the “Run this program when Windows starts.” checkbox, and then click **OK**.
5. Close the Windows Messenger window.
6. Click the Windows Messenger icon in the system tray, to the left of the time.
7. Select **Exit** from the pop-up menu.
8. Click **OK**.

## Windows XP Professional

Follow the directions below to install Windows XP Professional on the ScanMaster server PC.

**Note:** Do not use this section if you are using the preloaded OEM version of Windows XP Professional on the Acer models V5600GT and V7600GT PCs, instead use the previous section titled “Windows XP Professional (Acer OEM Version)” on page 12.

### Change the Boot Sequence

1. Boot the computer, enter the computer's CMOS Setup Utility and change the Bios settings to boot from the CD-ROM drive.
2. Insert the Microsoft Windows XP Professional CD-ROM into the CD-ROM drive and reboot.

*The Windows XP Professional Setup screen displays and after a few minutes of loading files.*

3. Press **Enter** to setup Windows XP Professional now.

*The Windows XP Professional Licensing Agreement screen displays.*

4. Press **Page Down** and read the License.
5. Press **F8** to accept the licensing agreement.

*The Windows XP Professional Setup screen displays. If you have an existing partition, you will delete it using the instructions below. If you do not have a partition, skip to step #12.*

6. Press **ESC** to install a fresh copy of Windows XP Professional.
7. Locate and press **D** to delete the desired partition.
8. Press **Enter** to continue.
9. Press **L** to delete the partition.
10. Repeat steps 7 through 9 for any additional partitions.
11. Locate the un-partitioned space to load Windows XP Professional and press **C** to create a partition in that space.
12. Accept the default drive size and press **Enter** to continue.
13. Select the new partition to install Windows XP Professional and press **Enter** to continue.

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14. Ensure “Format the partition using the NTFS file system” is highlighted and press **Enter**.

*The formatting and loading will take several minutes. When formatting and loading is complete, the system will reboot automatically. Additional file loading will continue. This may take several minutes. When finished, the Regional Setting window displays.*

15. Click **Next** to continue.

*The Personalize your Software window displays.*

16. Type your **Name** and **Organization** in the fields provided and click **Next**.

*The Product Key Window displays.*

17. Enter the product key from the back of the CD Case.

*The Computer Name and Administrator Password windows display.*

18. Type **SERVER** (or the name provided by your IT department) in the computer name field.

19. Type in an administrator password and confirm that password.

20. Click **Next**.

*The Date and Time Settings window displays.*

21. Set the correct date, time, and time zone and click **Next**.

*After additional file loading, the system reboots. The Display Settings adjustment window then displays.*

22. Click **OK**.

*The Welcome to Microsoft Windows displays.*

23. Click **Next**.

*The “Who will use this computer?” screen appears.*

24. At least one user name must be entered. Enter **Local** in the “Your name” field and click **Next**.

*The “Thank You!” screen displays.*

25. Click **Finish**.

26. Login as the Administrator.

27. Turn off the Welcome screen by clicking **Start ? Control Panel? User Accounts? Change the way users log on or off**.

28. Unselect “Use the Welcome Screen” and click Apply Options.

29. Close the User Accounts and Control Panel window.

**Note:** If you need to install any hardware drivers follow the installation steps to install these drivers at this time. Consult your network administrator before assigning or changing any TCP/IP settings.

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**Note:** Do not select any configuration that may make the server a Domain Controller.

**Note:** Install any Windows XP Professional Service Packs (**Start? All Programs? Windows Update** if connected to the Internet) that are available for your release level.

#### Configuring your Server

1. If not logged on, press CTRL + Alt + Delete to log on.
2. Type your Administrator name and Password in the fields provided and click **OK**.
3. Select **Start**.
4. Right-click on **My Computer** and select **Properties** from the pop-up menu.
5. Click the Computer Name Tab.
6. Click the **Change** button.
7. Confirm the “Workgroup” radio button is selected and enter the name of **STORE** for you workgroup, and click **OK**.

*The welcome to the STORE workgroup window displays.*

8. Click **OK**.  
*You are prompted to reboot the computer.*
9. Click **OK**.
10. Click **OK**.
11. Click **Yes** to restart your computer.

#### Changing Display Settings on the Windows XP Professional server

1. Right-click on the Windows Desktop and select Properties from the pop-up menu.
2. Click the **Settings** tab.
3. Set the Screen Area to **800x600** pixels and click OK.  
*A display properties informational box displays.*
4. Click **OK** to apply the new settings.

*The Monitor Settings informational box displays asking if you wish to save these settings.*

5. Click **Apply**.
6. Click the **Appearance** tab.
7. In the “Windows and Buttons” drop down box, select **Windows Classic Style**.
8. Click **OK**.
9. Right-click the **Start** button.
10. Choose **Properties** from the pop-up menu.
11. Select the “Classic Start Menu” radio-button.

12. Click **OK**.

#### Configuring the Firewall, Automatic Update and Virus Protection Options (XP Service Pack 2 and greater)

1. Click **Start? Control Panel? Security Center**.
2. In the Resources section (on the left), click “Change the way Security Center alerts me”.
3. Uncheck all three Alert Setting options.
4. Click **OK**.
5. On the bottom, click Windows Firewall (under “Manage security settings for”).
6. Click “Off”.
7. Click **OK**.
8. On the bottom, click Automatic Updates (under “Manage security settings for”).
9. Click “Turn off Automatic Updates”.
10. Click **OK**.
11. Close the Security Center and Control Panel windows.

#### Disabling Windows Messenger

**Note:** Before attempting to disable Windows Messenger, close all open windows.

1. Double-click the Windows Messenger icon in the system tray, to the left of the time.  
*The Windows Messenger window appears.*
2. On the Windows Messenger menu bar, select **Tools**, and then select **Options** from the pop-up menu.  
*The Options window appears.*
3. Click the **Preferences** tab.
4. Deselect the “Run this program when Windows starts.” checkbox, and then click **OK**.
5. Close the Windows Messenger window.
6. Click the Windows Messenger icon in the system tray, to the left of the time.
7. Select **Exit** from the pop-up menu.
8. Click **OK**.

---

## Windows 2000 Professional

**Note:** If the Server's BIOS supports a bootable CD, installation can be run from the CD (if the BIOS is set to check the CD-ROM drive prior to looking at the Hard Drive for the operating system. Most servers manufactured after 1997 have this BIOS option.) If you boot from a CD-ROM drive, skip to step 6 of **Installing Windows 2000 Professional** below. Be sure to set your BIOS's boot sequences back to their original settings after the install.

### Create Boot Disks

You will need to create boot disks if your server does not have the capability to boot from the server. Follow the directions below to create the boot disks.

1. Insert the Microsoft Windows 2000 Professional CD-ROM into the CD-ROM drive.
2. From a command (C:\) prompt, type **X:** (where X is the drive letter for your CD-ROM drive) and press **Enter**.
3. Type **CD BOOTDISK** and press **Enter** to change to the bootdisk folder.
4. Type **MAKEBOOT** and press **Enter** to launch the executable that will make your boot disks.
5. When prompted, specify the floppy drive to which you will copy the images.
6. Label a diskette Windows 2000 Professional Setup Disk #1 and insert the diskette into the floppy drive.
7. Click **Enter** to continue.
8. When prompted insert diskettes #2, #3, and #4. Remember to label each diskette.

Follow the directions below to install Windows 2000 Professional on the server.

### Installing Windows 2000 Professional

1. Turn off the Server and insert Windows 2000 Professional Setup Disk #1 into the floppy drive.
2. Power the Server on.  
*The Windows 2000 Professional Setup window displays.*
3. When prompted, insert Windows 2000 Professional Setup Disk #2 and press **Enter**.
4. When prompted, insert Windows 2000 Professional Setup Disk #3 and press **Enter**.
5. When prompted, insert Windows 2000 Professional Setup Disk #4 and press **Enter**.  
*The Windows 2000 Professional Setup screen displays and after a few minutes of loading files.*
6. Press **Enter** to setup Windows 2000 Professional now.

---

*The Windows 2000 Professional Licensing Agreement screen displays.*

7. Press **Page Down** and read the License.
8. Press **F8** to accept the licensing agreement.

*The Windows 2000 Professional Setup screen displays. If you have an existing partition, you will delete it using the instructions below. If you do not have a partition, skip to step #9.*

**Note:** If setup detects an existing installation and you wish to install a fresh copy of Windows 2000 Professional, press ESC.

9. Press **D** to delete the selected partition.
10. Press **Enter** to continue.
11. Press **L** to delete the partition.

*A Warning Message displays.*

12. Press **C** to create a partition in the unpartitioned space.
13. Take the default maximum partition size and press **Enter** to continue.
14. Arrow-down to format the drive using **NTFS** and press Enter.

*The formatting and loading will take several minutes. When the formatting is complete, you will be prompted to reboot.*

15. Remove any diskettes in the floppy drive and press **Enter**.

*The system reboots with a Windows 2000 Professional splash screen. When completed, the Welcome to Windows 2000 Professional window displays.*

16. Click **Next** to install devices.

*This may take several minutes. When finished, the Regional Setting window displays.*

17. Click **Next** to continue.

*The Personalize your Software window displays.*

18. Type your **Name** and **Organization** in the fields provided and click **Next**.

*The Product Key Window displays.*

19. Enter the product key from the back of the CD Case.

*The Computer Name and Administrator Password windows display.*

20. Type **SERVER** in the computer name field.
21. Type an administrator password and confirm that password.
22. Click **Next**.

*The Date and Time Settings window displays.*

23. Set the correct date, time, and time zone and click **Next**.

*After additional file loading, the Network Settings window displays.*

24. Select **Typical Settings** and click **Next**.

*The workgroup and computer domain window displays.*

25. Click the **Yes** radio button and enter a domain name of **Store**. Click **Next** when finished.

**Note:** If you are prompted for a user name and password, click **Cancel**, return to the workgroup and computer domain window, click the **No** radio button and continue with the installation.

26. When the program finishes the installation process, remove the CD-ROM from and click **Finish**.

#### Connecting to the Network

1. After reboot, the Network Identification Wizard is launched. Click **Next** to continue.

*The Users of this Computer window displays.*

2. Confirm the **Windows always assumes the following user has logged on to this computer** radio button is pressed. Click the User Name field's pull down arrow and choose **Administrator**. Click **Next**.

*The completion screen displays.*

3. Click **Finish**.

*The Log On Window displays.*

#### Configuring your Workstation

1. Type your Administrator name and Password in the fields provided and click **OK**.
2. Upon reboot uncheck the "Show this screen at startup" checkbox and Exit the Getting Started screen.
3. Right-click on the Windows Desktop and select **Properties** from the pop-up menu.
4. Click the **Settings** tab.
5. Set the Screen Area to **800x600** pixels and click **OK**.

*A display properties informational box displays.*

6. Click **OK** to apply the new settings.

*The Monitor Settings informational box displays asking if you wish to save these settings.*

7. Click **OK**.

## Pervasive Installation

### Shutting Down Server Processes – Upgrades only

**Note:** The following steps must be followed when performing an upgrade, to ensure proper installation of the Pervasive Server and Workstation engines.

1. Shut down all applications on the system, including any windows programs and all ScanMaster applications.

**Note:** If the EJ Processor is not running on the server, shutdown the EJ Processor on the PC where it is running as described in steps 2 through 4. If no EJ Processor is currently installed or running, skip to step 5.

2. On the Task Bar of the machine running the EJ processor, double-click the EJ Processor task icon (to the left of the time).

*The EJ Processor Window Displays.*

3. Click ShutDown EJ Processor.
4. Click **Yes** to the prompt “Are you sure you wish to shutdown the EJ Processor?”.
5. From the Server, press **Ctrl+Alt+Del**, then click **Task Manager**.

*The Windows Task Manager screen displays.*

6. Click the **Processes** tab to display a list of Windows processes.
7. Search for and shut down the following processes:
  - NTVDM
  - W32MKDE (if running)
8. Close the Task Manager

### Installing Pervasive Server Engine on the Server

**Note: If you are upgrading a 24-hour store, you must first upgrade all PoS Workstations to ScanMaster version 2.05.00 prior to installing Pervasive Server Engine on the server. Skip to page 33.**

**Note: If Pervasive Server Engine version 7 is installed already (upgrading from ScanMaster version 2.00.xx), uninstall version 7 before installing version 8. This can be done by selecting Pervasive SQL Engine in Add/Remove Programs in the Control Panel.**

**Note: If you have installed Internet Information Services (IIS) on the server, it must be temporarily disabled before installing the Pervasive Server Engine.**

**Note: If the server has AntiVirus script blocking enabled, you must disable this prior to installing Pervasive, and re-enable it after installation is complete.**

Perform the Pervasive Server Engine Installation on the **SERVER ONLY**.

Before continuing, make sure that you are logged onto the Server as Administrator.

1. Insert the CD labeled Pervasive Server Engine into the Server CD-ROM drive.

**Note:** If the Pervasive Installation CD autoruns, skip to step 7.

2. From the Windows Task Bar, click **Start®Run**.

*The Run dialog box displays.*

3. Click **Browse**.

4. Look in the **CD-ROM** drive.

5. Double-click **SETUP.EXE** to launch the installation procedure.

6. Click **OK** to begin setup.

*The Pervasive Welcome window displays.*

7. Click **Next** to continue.

*The Software License Agreement displays.*

8. Accept the agreement by clicking "I accept...." and then click **Next**.

*The Enter License window displays.*

9. Enter the license number from the Pervasive Server Engine CD and click **Next**.

**Note:** Capitalization does not matter.

*The Setup Type window displays.*

10. Select **Complete** and click **Next**.

*The Ready to Install Window displays.*

11. Review the information and click **Install**.

*If other applications are running, the Conflicting Programs Report Window displays.  
If not, skip to step 14.*

12. Review the information and click **Next**.

*A Question window displays asking if you want to continue testing for running programs.*

13. Click **No** to continue the installation.

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

14. Click **Finish**.

*The HTML help window displays with links to the Pervasive web site. While this window displays in the background, the Transactional Engine Test window displays.*

15. Click **Next** to perform the Transactional test.

*The results display.*

16. Click **Next**.

*The Relational Engine Test window displays.*

17. Click **Next** to continue.

*The test results display.*

18. Click **Next**.

*An installation summary appears.*

19. Click **Finish**.

20. Remove the Pervasive Server Engine CD and close the HTML Help Window.

---

## ScanMaster 2.05.00

### Full Installation of ScanMaster 2.05.00 on the Server

**Note:** For upgrading see **ScanMaster 2.05.00 Upgrade** section.

**To install ScanMaster 2.05.00 on the server, you must first ensure that you are logged on to the server as the Administrator. To Install ScanMaster on the Back Office Workstations, go to the section entitled “Installing ScanMaster Software on the Back Office Workstations.”**

1. Make sure the HASP security key is plugged into the server. If any message boxes pop up asking to install a driver, click cancel.
2. Insert the CD labeled ScanMaster Version 2.05.00 into the Server CD-ROM drive.

**Note:** If any Window displays asking “What do you want Windows to do?”, click **Cancel**.

3. From the Task Bar, click **Start®Run**.

*The Run dialog box displays.*

4. Click **Browse**.

5. Look in the **CD-ROM** drive.

6. Double-click the **Scan2base** folder to display the contents.

7. Double-click **SETUP.EXE** and click **OK** to launch the ScanMaster installation procedure.

*The ScanMaster Welcome window displays.*

8. Click **Next** to begin the installation.

*The ScanMaster Installation Requirements window appears.*

9. Click **Next**.

*You are prompted to “Enter the Currently Logged In User Name”.*

10. Enter “Administrator” or the user name you are currently logged in as and then click **Next**.

*The Choose Installation Type window displays.*

11. Select **Server - Full Installation** then click **Next**.

*If Internet Explorer is already installed, the Enter Computer Name window displays.*

---

**NOTE:** If you do not have Internet Explorer version 5.5 or higher installed, you will receive a message with this information. You must install Internet Explorer version 5.5 or higher to continue with the ScanMaster 2.05.00 installation. Internet Explorer 5.5 is located on the ScanMaster 2.05.00 CD-ROM in the IE55 folder and is called ie5setup.exe. If Pervasive v8.x is not installed, you will receive a message that Pervasive v8.x must be installed prior to the ScanMaster 2.05.00 install. If the version requirements of either Pervasive or Internet Explorer are not met, the user will be notified and the install will terminate.

12. Validate the computer name is correct. Click **Next**.

*The Select Installation window displays with the "Typical" option selected.*

13. You may choose **Typical** if you have no drives configured as the "F:" drive. If your system does not meet these conditions, skip to step 14.

*ScanMaster will create a shared directory called SCAN1DOS and install shared files to this directory.*

14. Click **Next** to continue and move to Step 19 for Typical Installations (or if you have chosen a custom installation see below).

*The Confirm Selections screen displays.*

15. Choose **Custom** if this computer has more than one fixed disk or multiple partitions.

*ScanMaster will allow you choose the drives on which you would like install program files and network files.*

16. Click **Next** to continue.

*The Select Installation Location screen displays.*

17. Select (click) the drive designation where you would like to install the ScanMaster program files. Click **Next** to continue.

*The Select Network Drive screen displays.*

18. Select (click) the drive designation where you would like to install the shared ScanMaster files. Click **Next** to continue.

**Note:** ScanMaster will create a network share on the drive/partition you select.

*The Confirm Selections screen displays.*

19. Click **Next** to continue.

*ScanMaster is loaded as the progress bar appears. When finished copying a message box displays saying "Are you sure you want to add the information in C:\Grocery\V8Srv.reg or C:\Grocery\V9Srv.reg to the registry?" (for Windows 2000 & 2003 installations).*

20. Click **Yes**.

*A message box displays confirming that the information has been successfully entered into the registry.*

21. Click **OK**.

---

*A message box appears for the HASP Device Install Utility with a "Please Wait" followed by a message that "The operation was completed successfully."*

21. Click **OK**

*Three separate DOS boxes will appear briefly and then close.*

*A warning message appears describing the consequences of performing a restart during the MS Scripting Engine and MDAC installation.*

22. Click **OK**.

**Note:** On Windows 2003 Installations, skip to Step 24.

*A message displays, asking if you are sure you want to install Windows Script 5.6.23. Click **Yes**.*

*The Windows Script 5.6 License Agreement appears.*

22. Click **Yes** to accept.

*The Windows Script 5.6 files are copied. A message displays stating that Windows Script 5.6 is now installed.*

23. Click **OK**.

**NOTE:** *If you are prompted whether you wish to restart your computer, press **NO**. **DO NOT RESTART THE COMPUTER** at this point.*

*The Microsoft Data Access Components 2.8 Setup begins, and the End User License Agreement displays.*

24. Click the checkbox to accept the terms of the license agreement and click **Next**.

*The Installing the Software window displays.*

25. Click **Finish**.

*The MDAC components are installed.*

**Note:** *It may take a few moments for the files to begin copying. On NT 4.0 installations, you may receive an error registering the wshom.ocx file. Click **OK** to continue. ScanMaster's use of MDAC is unaffected.*

*After the files are copied, the setup completion window displays.*

*If a Restarting the system screen appears, select "I will restart the system myself."*

26. Click **Close**.

*The ScanMaster Server Database Creation Utility displays.*

27. Enter the user's password (if any) and click **CreateDB** button.

*In the Database Creation Status section a green message will appear:*

*ScanMaster DBName created successfully.*

*ScanMaster Database created successfully.*

28. Click **Exit**.

---

*The install now creates the ScanMaster Users.*

*The ScanMaster Installation Customization window displays.*

29. Enter your Customer Information, ID and specify the number of PoS Workstations (by using the arrows). When finished, click **Save Information**.

*A dialog box displays asking if you are sure that you want to save this information.*

30. Click **Yes**.

*The register options screen displays.*

31. Click (select) the radio button for the type of PoS workstations for your store (Fujitsu or NCR). When finished click **Next**.

*This completes the ScanMaster version 2.05.00 Server Installation.*

*The ScanMaster Windows Register Installation begins, displaying the Welcome screen.*

32. Click **Next** to begin the installation of the register files to the server.

33. A "Question" dialog may appear stating the "Lan Drive not detected." If the drive exists, click **YES** to continue. If the drive does not exist, click **NO** and correct the problem or contact your support representative.

*The ScanMaster Setup Completion screen appears.*

34. Select "Yes, I want to restart my computer now" and click **Finish**.

## Upgrading ScanMaster 2.05.00 on the Server

**Note:** The following steps should be taken only when performing an upgrade from a previous version of ScanMaster. For a new installation, refer to the previous section called **ScanMaster 2.05.00 Installation**.

**Note: Pervasive 8.6 (or greater) must be installed on the server before upgrading ScanMaster.**

Ensure that you are logged on to the server as the Administrator.

1. Make sure the HASP security key is plugged into the server. If any message boxes pop up asking to install a driver, click cancel.
2. Insert the CD labeled ScanMaster Version 2.05.00 into the Server CD-ROM drive.
3. From the Task Bar, click **Start® Run**.  
*The Run dialog box displays.*
4. Click **Browse**.
5. Look in the **CD-ROM** drive.
6. Double-click the **Scan2base** folder to display the contents.
7. Double-click **SETUP.EXE** and click **OK** to launch the ScanMaster installation procedure.

---

*The ScanMaster Welcome window displays.*

8. Click **Next** to begin the installation.

*The Install Requirements Screen displays.*

9. Confirm the installation requirements have been met and click **Next** continue.

*The Enter Text dialog box appears.*

10. Confirm the currently logged on user is the Administrator, then click **Next**.

*The Choose Installation Type window displays.*

11. Select **Server - Upgrade** then click **Next**.

*A message box appears that warns the user that upgrades require the PoS Workstations to be upgraded first and the BackOffice Workstations last.*

12. Click **OK**

*Select Currently installed version of ScanMaster window displays.*

13. Confirm version of ScanMaster upgrading from, and then click **Next**.

*The Confirm Selections window displays.*

14. Click **Next** to continue.

*ScanMaster is loaded as the progress bar appears. After ScanMaster is finished loading, a Registry Editor Message box appears which says "Are you sure you want to add the information to the registry?"*

15. Click **Yes**.

*A Registry Editor message appears which says "Information has been successfully entered into the registry".*

16. Click **OK**.

*A "SETUPEX" dialog box may display stating "Uninstall complete, you need to restart before attempting to re-install," Ignore the text of this message, as it is being generated by the removal of the old software security system. There will be no need for a reinstall because the software is now being secured by HASP modules.*

17. If the SETUPEX dialog appears, Click **OK**.

**Note: If the HASP device has not yet been attached to the server, the install will pause at this point and not continue until it has been attached.**

*If upgrading from a version before version 2.02.00, a message box appears for the HASP Device Install Utility with a "Please Wait" followed by a message that the operation was completed successfully. If upgrading from 2.02.00 or later skip to step 19.*

18. Click **OK**.

19. Three separate DOS boxes will appear briefly and then close. If a dialog displays, click **OK**.

---

*A warning message appears describing the consequences of performing a restart during the MS Scripting Engine and MDAC installation.*

20. Click **OK**.

**Note:** On Windows 2003 Installations, skip to Step **Error! Reference source not found.**

*A warning message displays.*

21. Click **YES** to install Windows Script 5.6.

22. Click **YES** for the License Agreement for Windows Script 5.6.

23. Click **OK** to finish the installation.

**Note:** This next selection is extremely important as the ScanMaster 2.05.00 Upgrade will not continue if the system is restarted now.

24. Click **NO** to not reboot at this time if prompted.

*The MDAC End User License screen will then display.*

25. Click the checkbox to accept the terms of the license agreement and click **Next**.

26. If the MDAC Detecting In Use Files window displays, click **Next**.

27. Click **Finish**.

*The MDAC Installing the Software window displays.*

*The MDAC components are installed.*

*Note: It may take a few moments for the files to begin copying. When finished, the system restart message may display. If not, skip to step **Error! Reference source not found.***

28. If prompted, select "I will restart the system myself", and Click **Finish**.

*If upgrading from ScanMaster 1.02.xx or 2.00.xx, the Create Database Screen will display. If not, skip to step 31.*

29. Enter the user's password (if any) and click **CreateDB** button.

*In the Database Creation Status section a green message will appear:*

*ScanMaster DBName created successfully.*

*ScanMaster Database created successfully.*

30. Click **Exit**.

*The ScanMaster Installation Customization window displays.*

31. Enter your Customer Information, ID and specify the number of PoS Workstations (by using the arrows). When finished, click **Save Information**.

*A dialog box displays asking if you are sure that you want to save this information.*

32. Click **Yes**.

---

*If the register install has already been installed to the server, a window asking if you would like to reinstall the software appears.*

33. Click **Yes** to install the register install to the server if the software needs to be installed or reinstalled, otherwise Click **No** and skip to step 37.

*A window asking to select between Fujitsu and NCR register install appears.*

34. Click (select) the radio button for the type of PoS workstations for your store (Fujitsu or NCR). When finished click **Next**.

*The "ScanMaster v2.05.00 Register Installation to Server" window appears.*

35. Click **Next**.

36. A "Question" dialog may appear stating the "Lan Drive not detected." If the drive exists, click **YES** to continue. If the drive does not exist, click **NO** and correct the problem or contact your support representative.

*Components are copied to the server and you are prompted to restart your computer.*

37. Select, "Yes, I want to restart my computer now" and click **Finish**.

*The Server restarts.*

38. Log into the server as the Administrator again.

*If upgrading from v2.05.00 the upgrade is now complete.*

*If upgraded from a version prior to v2.05.00 the Welcome window for ScanMaster 2.3.0 Upgrade Part 2 displays.*

39. Click **Next**.

*The Install Requirements Screen displays.*

40. Confirm the installation requirements have been met and click **Next** continue.

41. Confirm installation type, and click **Next** continue.

*If upgrading from ScanMaster v2.01.00 or later skip to step **Error! Reference source not found.***

*The ScanMaster File Conversion Utility window displays with the message:*

*"It is required to close down all Server, Back Office, and Online PoS Workstation applications including the EJ Processor during this conversion! Restart the EJ after conversion completed."*

42. Click **OK**.

*The Conversion Utility converts the necessary files. The checkboxes next to these files get checked automatically as the conversion progresses. The screen may flash, and other screens may appear during the conversion process.*

*A message box appears "ScanMaster program names have changed from Smw\*.exe to Sm2\*.exe. Please review the SM2EOD.SCR file for custom .BAT files and manually fix program names located within these .BAT files."*

---

***The process of reviewing the batch files should be done by the ScanMaster installation team, or the end user's I.T. department. All of the entries within the SM2EOD.SCR file ending with .BAT are the names of batch files found in C:\GROCERY of the machine that does the End of Day. These batch files need to be reviewed and possibly updated to use the new ScanMaster application names.***

43. Click **OK**.

*The application message shows at top of the screen "Conversion completed. Click Exit."*

44. Click **Exit**.

*The register conversion warning message displays. Confirm all server and back office applications are shut down, including the EJ Processor.*

45. Click **OK**.

*The conversion utility Part 2 screen displays briefly, processes, and then exits automatically.*

*The InstallShield Wizard Complete window displays.*

46. If prompted, select "Yes, I want to restart my computer now".

47. Click **Finish**.

48. If system reboots, login as the Administrator.

49. If the old icon "Start NCR ScanMaster" does not appear on your desktop, the upgrade is complete. If it still appears on your desktop, right-click the icon and select "Delete" from the pop-up menu.

50. Confirm the deletion and click **Yes**.

51. Right-click on the **Start** button and select **Open All Users** from the pop-up menu.

52. Double-click on the **Programs** file folder.

53. Right-click on **NCR ScanMaster for Windows** folder and select "Delete" from the pop-up menu.

54. Confirm the deletion and click **Yes**.

55. Close all open windows.

## Installing ScanMaster 2.05.00 PoS Workstation Software on the Server

**Note: When performing an upgrade, it is extremely important if the installation is at a live 24 hour store, to follow the order of the steps listed. Install the PoS workstation Software on the Server first. Next, upgrade all of the PoS workstations, one at a time. Then, upgrade the server. Finally, upgrade any back office workstations.**

**If performing a full install, this step has already been completed during the install of the server, and does not need to be repeated.**

1. With the ScanMaster 2.05.00 CD in the CD-ROM Drive, from the task bar, select **Start ® Run**.
2. Click **Browse**.
3. Look in the CD-ROM drive.
4. If installing Fujitsu PoS Workstations, Double-click the **RegServInstall** folder, otherwise Double-click the **RegServInstallIN** folder. This will display the contents of the folder.
5. Double-click **SETUP.EXE** and click **OK** to launch the ScanMaster workstation install procedure.
6. A “Question” dialog may appear stating the “Lan Drive not detected.” If the drive exists, click **YES** to continue. If the drive does not exist, click **NO** and correct the problem or contact your support representative.

*The Welcome screen appears*

7. Click **Next**.

*The ScanMaster register software installs into F:\Winreg\Install directory and returns you to the Windows Desktop.*

## Post Installation

### Norton AntiVirus (Windows XP Acer OEM Version)

If your server has Norton AntiVirus installed, you will need to re-enable the Script Blocker.

1. Double-click the Norton AntiVirus icon located in the system tray (to the left of the time).  
*The Norton AntiVirus window displays*
2. Click the **Script Blocking** hyperlink in the middle of the window.
3. Click the **Enable** button on the right of the window.
4. Close all open windows.

### Windows XP Professional as Server – Sharing adjustments

1. Select **Programs ? Accessories? Windows Explorer**.  
*The Explorer Window displays.*
2. Click My Computer.
3. Click “Local Disk C:” (or the drive on which ScanMaster was installed).
4. Right-click on the folder name SCAN1DOS.
5. Choose “Sharing and Security...” from the pop-up menu.
6. Click on the hyperlink “If you understand the security risks...”.  
*The Enable File Sharing window displays.*

7. Select the **Just enable file sharing** radio button.
8. Click **OK**.
9. Ensure that both “Share this folder on the network” checkbox, and “Allow network users to change my files” checkbox are enabled.
10. Click **OK**.
11. Close all open windows.

## Back Office Workstation Setup

**Note:** This section describes the setup of a ScanMaster Back Office Workstation. Instructions for installing the operating system, all necessary prerequisite components of ScanMaster, and installing or upgrading ScanMaster 2.05.00.

### Prerequisites

Before starting the install/upgrade ensure you have:

- Operating System Installation CDs with “Product Key” from Microsoft if system is not preloaded.
- Pervasive v8.x Workstation Engine CD
- ScanMaster 2.05.00 Installation CD
- At least 5GB available hard drive space on the Back Office Workstation, after the Operating system has been installed.
- If upgrading, a complete data backup of the system.
- If upgrading a 24-hour site, upgrade all PoS workstations prior to upgrading the Server and any Back Office Workstations.

---

## Operating System Installation for the Back Office Workstation

This section details the steps necessary to install the operating system on the ScanMaster Back Office Workstation. Supported operating systems are:

- Windows XP Professional
- Windows 2000 Professional

### Windows XP Professional (Acer OEM Version)

This section describes configuring the OEM version of Windows XP Professional preloaded on the Acer models V5600GT, and V7600GT PCs.

**Note:** Do not use this section if you are installing a new copy of Windows XP Professional on the PC. Instead use the section after this titled “Windows XP Professional” on page 38.

*The first time the Acer is powered on, the “Welcome to Microsoft Windows” screen displays.*

1. Click **Next**.

*The Select Your System Settings screen displays. The default selections are for United States, English (United States) Language, and US for the keyboard.*

2. Click **Next**.

*The End User License Agreement screen displays.*

3. Select the “Yes, I accept...” radio-button, and click **Next**.

*The “What’s your computer’s name?” screen displays.*

4. Type **BACKOFFICExx** (where xx is the PC number) in the computer name field.

5. Click **Next**.

*The “What’s your Administrator password?” screen displays.*

6. Type an administrator password and confirm that password.

**Note:** The password cannot be blank and must be at least 6-characters in length if using a Windows 2003 Server. (It may be a combination of letters and numbers)

7. Click **Next**.

*The “Is this computer in a domain?” screen appears.*

8. Select “No, don’t make this computer part of the domain” radio-button, and then click **Next**.

*The system checks for Internet connectivity, and then displays the “Will this computer connect to the Internet...” screen.*

9. Select the appropriate radio-button response, and click **Next**.

---

*The “Ready to register with Microsoft?” screen appears.*

10. Select “Yes...” radio-button response, and click **Next**.

*The “Collecting Registration Information” screen appears.*

11. Enter appropriate information and then click **Next**.

*The “Who will use this computer?” screen appears.*

12. At least one user name must be entered. Enter **Local** in the “Your name” field and click **Next**.

*The “Thank You!” screen displays.*

13. Click **Finish**.

14. Login as the Administrator.

15. Turn off the Welcome screen by clicking **Start ? Control Panel? User Accounts? Change the way users log on or off**.

16. Unselect “Use the Welcome Screen” and click Apply Options.

17. Close the User Accounts and Control Panel window.

**Note:** Install any Windows XP Professional Service Packs (**Start ? All Programs ? Windows Update** if connected to the Internet) that are available for your release level.

#### Configuring your Back Office Workstation

1. If not logged on, press CTRL + Alt + Delete to log on.
2. Type your Administrator name and Password in the fields provided and click **OK**.
3. Select **Start**.
4. Right-click on **My Computer** and select **Properties** from the pop-up menu.
5. Click the Computer Name Tab.
6. Click the **Change** button.
7. Confirm the “Workgroup” radio button is selected and enter the name of **STORE** for you workgroup, and click **OK**.

*The welcome to the STORE workgroup window displays.*

8. Click **OK**.

*You are prompted to reboot the computer.*

9. Click **OK**.

10. Click **OK**.

11. Click **Yes** to restart your computer.

#### Changing Display Settings on the Windows XP Professional Back Office Workstation

1. Right-click on the Windows Desktop and select Properties from the pop-up menu.

2. Click the **Settings** tab.
3. Set the Screen Area to **800x600** pixels and click OK.  
*A display properties informational box displays.*
4. Click **OK** to apply the new settings.  
*The Monitor Settings informational box displays asking if you wish to save these settings.*
5. Click **Apply**.
6. Click the **Appearance** tab.
7. In the “Windows and Buttons” drop down box, select **Windows Classic Style**.
8. Click **OK**.
9. Right-click the **Start** button.
10. Choose **Properties** from the pop-up menu.
11. Select the “Classic Start Menu” radio-button.
12. Click **APPLY**.
13. Click the **Desktop** tab.
14. Click the **Customize Desktop** button.
15. Deselect “Run Desktop Cleanup Wizard every 60 days.” checkbox
16. Select “My Computer” and “My Network Places” checkboxes.
17. Click **OK**.

#### Configuring the Firewall, Automatic Update and Virus Protection Options (XP Service Pack 2 and greater)

**Note:** Automatic Updates are not recommended because they require rebooting the computer (and will continually prompt for a reboot until it has been performed). It is recommended to manually install security updates only from the Windows Update Web Site at a store-convenient time when the computer can be rebooted.

1. Click **Start? Control Panel? Security Center**.
2. In the Resources section (on the left), click “Change the way Security Center alerts me”.
3. Uncheck all three Alert Setting options.
4. Click **OK**.
5. On the bottom, click Windows Firewall (under “Manage security settings for”).
6. Click “Off”.
7. Click **OK**.
8. On the bottom, click Automatic Updates (under “Manage security settings for”).
9. Click “Turn off Automatic Updates”.

- 
10. Click **OK**.
  11. Close the Security Center and Control Panel windows.
  12. Double-click the Norton AntiVirus icon located in the system tray (to the left of the time).  
*The Norton AntiVirus window displays*
  13. Click the **Options** button at the top of the window.  
*The Norton AntiVirus Options window displays*
  14. Deselect the “Enable Auto-Protect...” checkbox.
  15. Click **Script Blocking** from the menu on the top left.
  16. Deselect the “Enable Script Blocking” checkbox.
  17. Click **OK**.
  18. Close all open windows.

#### Disabling Windows Messenger (Optional)

**Note:** Before attempting to disable Windows Messenger, close all open windows.

1. Double-click the Windows Messenger icon in the system tray, to the left of the time.  
*The Windows Messenger window appears.*
2. On the Windows Messenger menu bar, select **Tools**, and then select **Options** from the pop-up menu.  
*The Options window appears.*
3. Click the **Preferences** tab.
4. Deselect the “Run this program when Windows starts.” checkbox, and then click **OK**.
5. Close the Windows Messenger window.
6. Click the Windows Messenger icon in the system tray, to the left of the time.
7. Select **Exit** from the pop-up menu.
8. Click **OK**.

## Windows XP Professional

Follow the directions below to install Windows XP Professional on a back office PC.

**Note:** Do not use this section if you are using the preloaded OEM version of Windows XP Professional on the Acer models v5600GT and V7600GT PCs, instead use the previous section titled “Windows XP Professional (Acer OEM Version)” on page 37.

---

### Change the Boot Sequence

1. Boot the computer, enter the computer's CMOS Setup Utility and change the Bios settings to boot from the CD-ROM drive.
2. Insert the Microsoft Windows XP Professional CD-ROM into the CD-ROM drive and reboot.

*The Windows XP Professional Setup screen displays and after a few minutes of loading files.*

3. Press **Enter** to setup Windows XP Professional now.

*The Windows XP Professional Licensing Agreement screen displays.*

4. Press **Page Down** and read the License.
5. Press **F8** to accept the licensing agreement.

*The Windows XP Professional Setup screen displays. If you have an existing partition, you will delete it using the instructions below. If you do not have a partition, skip to step #12.*

6. Press **ESC** to install a fresh copy of Windows XP Professional.
7. Locate and press **D** to delete the desired partition.
8. Press **Enter** to continue.
9. Press **L** to delete the partition.
10. Repeat steps 7 through 9 for any additional partitions.
11. Locate the unpartitioned space to load Windows XP Professional and press **C** to create a partition in that space.
12. Accept the default drive size and press **Enter** to continue.
13. Select the new partition to install Windows XP Professional and press **Enter** to continue.
14. Ensure "Format the partition using the NTFS file system" is highlighted and press **Enter**.

*The formatting and loading will take several minutes. When formatting and loading is complete, the system will reboot automatically. Additional file loading will continue. This may take several minutes. When finished, the Regional Setting window displays.*

15. Click **Next** to continue.

*The Personalize your Software window displays.*

16. Type your **Name** and **Organization** in the fields provided and click **Next**.

*The Product Key Window displays.*

17. Enter the product key from the back of the CD Case.

*The Computer Name and Administrator Password windows display.*

18. Type **BACKOFFICExx** (where xx is the PC number) in the computer name field.

19. Type in an administrator password and confirm that password.
20. Click **Next**.  
*The Date and Time Settings window displays.*
21. Set the correct date, time, and time zone and click **Next**.  
*After additional file loading, the system reboots. The Display Settings adjustment window then displays.*
22. Click **OK**.  
*The Welcome to Microsoft Windows displays.*
23. Click **Next**.  
*The "Who will use this computer?" screen appears.*
24. At least one user name must be entered. Enter **Local** in the "Your name" field and click **Next**.  
*The "Thank You!" screen displays.*
25. Click **Finish**.
26. Login as the Administrator.
27. Turn off the Welcome screen by clicking **Start ? Control Panel? User Accounts? Change the way users log on or off**.
28. Unselect "Use the Welcome Screen" and click Apply Options.
29. Close the User Accounts and Control Panel window.

**Note:** If you need to install any hardware drivers follow the installation steps to install these drivers at this time. Consult your network administrator before assigning or changing any TCP/IP settings.

**Note:** Do not select any configuration that may make the workstation a Domain Controller.

**Note:** Install any Windows XP Professional Service Packs (**Start? All Programs? Windows Update** if connected to the Internet) that are available for your release level.

#### Configuring your Workstation

1. If not logged on, press CTRL + Alt + Delete to log on.
2. Type your Administrator name and Password in the fields provided and click **OK**.
3. Select **Start**.
4. Right-click on **My Computer** and select **Properties** from the pop-up menu.
5. Click the Computer Name Tab.
6. Click the **Change** button.

7. Confirm the “Workgroup” radio button is selected and enter the name of **STORE** for you workgroup, and click **OK**.

*The welcome to the STORE workgroup window displays.*

8. Click **OK**.  
*You are prompted to reboot the computer.*
9. Click **OK**.
10. Click **OK**.
11. Click **Yes** to restart your computer.

#### Changing Display Settings on the Windows XP Professional Workstation

1. Right-click on the Windows Desktop and select Properties from the pop-up menu.
2. Click the **Settings** tab.
3. Set the Screen Area to **800x600** pixels and click **OK**.  
*A display properties informational box displays.*
4. Click **OK** to apply the new settings.  
*The Monitor Settings informational box displays asking if you wish to save these settings.*
5. Click **OK**.

#### Configuring the Firewall, Automatic Update and Virus Protection Options (Windows XP Professional Service Pack 2 and greater)

**Note:** Automatic Updates are not recommended because they require rebooting the computer (and will continually prompt for a reboot until it has been performed). It is recommended to manually install security updates only from the Windows Update Web Site at a store-convenient time when the computer can be rebooted.

1. Click **Start? Control Panel? Security Center**.
2. In the Resources section (on the left), click “Change the way Security Center alerts me”.
3. Uncheck all three Alert Setting options.
4. Click **OK**.
5. On the bottom, click Windows Firewall (under “Manage security settings for”).
6. Click “Off”.
7. Click **OK**.
8. On the bottom, click Automatic Updates (under “Manage security settings for”).
9. Click “Turn off Automatic Updates”.
10. Click **OK**.
11. Close the Security Center and Control Panel windows.

---

## Windows 2000 Professional

Follow the directions below to install Windows 2000 Professional on a back office PC.

### Change the Boot Sequence

1. Boot the computer, enter the computer's CMOS Setup Utility and change the Bios settings to boot from the CD-ROM drive.
2. Insert the Microsoft Windows 2000 Professional CD-ROM into the CD-ROM drive and reboot.

*The Windows 2000 Professional Setup screen displays and after a few minutes of loading files.*

3. Press **Enter** to setup Windows 2000 Professional now.

*The Windows 2000 Professional Licensing Agreement screen displays.*

4. Press **Page Down** and read the License.
5. Press **F8** to accept the licensing agreement.

*The Windows 2000 Professional Setup screen displays. If you have an existing partition, you will delete it using the instructions below. If you do not have a partition, skip to step #10.*

6. Press **ESC** to not repair the previous installation.
7. Highlight the partition to delete and press **D** to delete the selected partition.
8. Press **Enter** to continue.
9. Press **L** to delete the partition.
10. Highlight the unpartitioned space and press **C** to create a partition in that space.
11. Take the default maximum partition size and press **Enter** to continue.
12. Highlight the new partition and press **Enter** to Install.
13. Select **NTFS** and press **Enter**.

*The formatting and loading will take several minutes. When the loading is complete, you will be prompted to reboot.*

14. Remove any diskette in the floppy drive and press **Enter**.

*The system reboots with a Windows 2000 Professional splash screen. When completed, the Welcome to Windows 2000 Professional window displays.*

15. Click **Next** to install devices.

*This may take several minutes. When finished, the Regional Setting window displays.*

16. Click **Next** to continue.

*The Personalize your Software window displays.*

17. Type your **Name** and **Organization** in the fields provided and click **Next**.

*The Product Key Window displays.*

---

18. Enter the product key from the back of the CD Case.

*The Computer Name and Administrator Password windows display.*

19. Type **BACKOFFICExx** (where xx is the PC number) in the computer name field.

20. Type an administrator password and confirm that password.

21. Click **Next**.

*The Date and Time Settings window displays.*

22. Set the correct date, time, and time zone and click **Next**.

*After additional file loading, the "Completing the Windows 2000 Professional Setup Wizard" displays.*

23. Click **Finish**.

*The system reboots. After reboot, the Network Identification Wizard displays.*

24. Click **Next**.

*The Users of This Computer screen displays.*

25. Select the "Users must enter a user name and password to use this computer" radio button. Click **Next**.

26. Click **Finish**.

27. Login as the Administrator.

**Note:** If you need to install any hardware drivers follow the installation steps to install these drivers at this time. Consult your network administrator before assigning or changing any TCP/IP settings.

**Note:** Install any service packs that may be available for your Windows 2000 Professional release level.

#### Configuring your Workstation

1. If not logged on, press CTRL + Alt + Delete to log on.

2. Type your Administrator name and Password in the fields provided and click **OK**.

3. Right-click on **My Computer** and select Properties from the pop-up menu.

4. Click the Network Identification Tab.

5. Click the **Properties** button.

6. Confirm the "Workgroup" radio button is selected and enter the name of **STORE** for your workgroup, and click **OK**.

*The welcome to the STORE workgroup window displays.*

7. Click **OK**.

*You are prompted to reboot the computer.*

8. Click **OK**.

9. Click **OK**.

10. Click **Yes** to restart your computer.

#### Configuring your Display

1. Right-click on the Windows Desktop and select **Properties** from the pop-up menu.
2. Click the **Settings** tab.
3. Set the Screen Area to **800x600** pixels and click OK.  
*A display properties informational box displays.*
4. Click **OK** to apply the new settings.  
*The Monitor Settings informational box displays asking if you wish to save these settings.*
5. Click **OK**.

#### Configuring TCP/IP Protocol on Windows 2000 Professional (Optional)

**Note:** If using static IP addresses for your workstations, please use the following steps:

1. On the Windows desktop, right-click on the My Network Places icon and select Properties from the pop-up menu.
2. Right-click on Local Area Connection and select Properties.
3. Highlight Internet Protocol (TCP/IP) and click Properties.
4. Click the Use the following IP Address radio button.
5. Enter an IP Address and Subnet Mask.  
**Note:** Consult your network administrator to obtain an IP Address and subnet mask. Leave the Default Gateway setting blank
6. Click OK.
7. Click OK on the Local Area Connection Properties window.
8. Close the Local Area Connections Status window.
9. Close the Network and Dial-up Connections window.

## Pervasive Installation

### Shutting Down Server Processes – Upgrades only

**Note:** The following steps must be followed when performing an upgrade, to ensure proper installation of the Pervasive Server and Workstation engines.

1. Shut down all applications on the system, including any windows programs and all ScanMaster applications.

**Note:** If the EJ Processor is not running on the server, shutdown the EJ Processor on the PC where it is running as described in steps 2 through 4. If no EJ Processor is currently installed or running, skip to step 5.

2. On the Task Bar of the machine running the EJ processor, double-click the EJ Processor task icon (to the left of the time).

*The EJ Processor Window Displays.*

3. Click ShutDown EJ Processor.
4. Click **Yes** to the prompt “Are you sure you wish to shutdown the EJ Processor?”.
5. From the Server, press **Ctrl+Alt+Del**, then click **Task Manager**.

*The Windows Task Manager screen displays.*

6. Click the **Processes** tab to display a list of Windows processes.
7. Search for and shut down the following processes:
  - NTVDM
  - W32MKDE (if running)
8. Close the Task Manager

### Installing Pervasive Workstation Engine


**Note:** Be sure to install Pervasive on the Server prior to installing Pervasive on the Back Office Workstation.

**Note:** If you have installed Internet Information Services (IIS) on the workstation, it must be temporarily disabled before installing the Pervasive Server Engine.

*This installation assumes you have a CD-ROM Drive on the back office workstation. If you do not, you can run the installation over the network using the server's CD ROM Drive.*

1. At the back office workstation, insert the CD labeled V8 Workgroup Engine into the CD-ROM drive.

**Note:** If the Autorun program starts, skip to step 10.

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

4. Press **<ALT><B>** 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 first folder on the CD is highlighted.
  8. Press the Arrow Down key, highlight **Setup** and press **Enter**.
  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.
- The Setup Type Screen Displays.*
12. Accept **Complete** and press **Enter** for **Next**.  
*The Verification Window displays.*
  13. Review the information and press **Enter** for **Install**.  
*After Setup has completed copying files and starting services, the Setup Complete window displays.*
  14. Press **Enter** for **Finish**.  
*The HTML help window displays with links to the Pervasive web site. After closing this window, the Transactional Engine Test screen appears (within a few seconds).*
  15. Press **Enter** for **Next**.  
*The Test Results will appear.*
  16. Press **Enter** for **Next**.  
*The Relational Engine Test Screen appears.*
  17. Press **Enter** for **Next**.  
*The Test Results will appear.*
  18. Press **Enter** for **Next**.
  19. Press **Enter** for **Finish**.

---

## ScanMaster 2.05.00

### Full Installation of ScanMaster 2.05.00 on the Back Office Workstation

To install ScanMaster 2.05.00 on the back office workstation, you must first ensure that you are logged on as the Administrator.

1. Insert the CD labeled **ScanMaster Version 2.05.00** into the CD-ROM drive or share the CD-ROM drive on the server and map the shared CD-ROM drive on the server and insert the **ScanMaster** Installation CD into the server CD-ROM drive.

**Note:** If any Window displays asking “What do you want Windows to do?”, click **Cancel**.

2. From the Task Bar, click **Start®Run**.

*The Run dialog box displays.*

3. Click **Browse**.

4. Look in the **CD-ROM** drive.

5. Double-click the **Scan2base** folder to display the contents.

6. Double-click **SETUP.EXE** and click **OK** to launch the ScanMaster installation procedure.

*The ScanMaster Welcome window displays.*

7. Click **Next** to begin the installation.

*The ScanMaster Version 2 Installation Requirements window appears.*

8. Click **Next**.

*You are prompted to “Enter the Currently Logged In User Name”.*

9. Enter “Administrator” or the user name you are currently logged in as and then click **Next**.

*The Choose Installation Type window displays.*

10. Select **Back Office - Full Installation** then click **Next**.

*If Internet Explorer is already installed, the Enter Computer Name window displays.*

**NOTE:** *If you do not have Internet Explorer version 5.5 or higher installed, you will receive a message with this information. You must install Internet Explorer version 5.5 or higher to continue with the ScanMaster 2.05.00 installation. Internet Explorer 5.5 is located on the ScanMaster 2.05.00 CD-ROM in the IE55 folder and is called ie5setup.exe. If Pervasive v8 Workgroup Engine is not installed, you will receive a message that Pervasive must be installed prior to the ScanMaster 2.05.00 install. If the version requirements of either Pervasive or Internet Explorer are not met, the user will be notified and the install will terminate.*

11. Validate the computer name and server name is correct. Click **Next**.

---

*The Select Installation Location window displays with C: selected.*

12. Select (click) the drive designation where you would like to install the ScanMaster program files. Click **Next** to continue.

*The Select Shared Drive screen displays.*

13. Click the field selection arrow and choose the drive you would like to map to the shared ScanMaster files on the server. Click **Next** to continue.

*The Confirm Selections screen displays.*

14. Click **Next** to continue.

*ScanMaster is loaded as the progress bar appears. When finished copying a message box displays saying "Are you sure you want to add the information in C:\Grocery\V8Wrkstn.reg to the registry?" (for Windows 2000 Professional and Windows XP Professional installations).*

15. Click **Yes**.

**Note:** A message box displays confirming that the information has been successfully entered into the registry.

16. Click **OK**.

*A warning message appears describing the consequences of performing a restart during the MS Scripting Engine and MDAC installation.*

17. Click **OK**.

**Note:** If this is a Windows XP Professional installation, skip to step 25.

*A message displays, asking if you are sure you want to install Windows Script 5.6.*

18. Click **Yes**.

*The Windows Script 5.6 License Agreement appears.*

19. Click **Yes** to accept.

*The Windows Script 5.6 files are copied. A message displays stating that Windows Script 5.6 is now installed.*

20. Click **OK**.

**NOTE:** If you are prompted whether you wish to restart your computer, press **NO**. **DO NOT RESTART THE COMPUTER** at this point

*The Microsoft Data Access Components 2.8 Setup begins, and the End User License Agreement displays.*

21. Click the checkbox to accept the terms of the license agreement and click **Next**.

*The MDAC Detecting In Use Files window displays.*

22. Click **Next** to continue.

*The Installing the Software window displays.*

23. Click **Finish**.

---

*The MDAC components are installed.*

**Note:** *It may take a few moments for the files to begin copying.*

*After the files are copied, the setup completions window displays.*

24. Click **Close**.

*The ScanMaster Server Database Creation Utility displays.*

25. Enter the user's password if any and click **CreateDB** button.

*In the Database Creation Status section a green message will appear:*

*ScanMaster DBName created successfully.*

*ScanMaster Database created successfully.*

26. Click **Exit**.

*The install now creates the ScanMaster Users*

*The InstallShield Wizard Complete window displays.*

27. Select "Yes, I want to restart my computer now" and click **Finish**.

## Upgrading ScanMaster 2.05.00 on the Back Office Workstation

Ensure that you are logged on to the back office workstation as the Administrator and that you have performed the upgrade to Pervasive v8.6 Workstation Engine (see page 47).

1. Insert the CD labeled ScanMaster Version 2.05.00 into the Server CD-ROM drive.

2. From the Task Bar, click **Start® Run**.

*The Run dialog box displays.*

3. Click **Browse**.

4. Look in the **CD-ROM** drive.

5. Double-click the **Scan2base** folder to display the contents.

6. Double-click **SETUP.EXE** and click **OK** to launch the ScanMaster installation procedure.

*The ScanMaster Welcome window displays.*

7. Click **Next** to begin the installation.

*The Install Requirements Screen displays.*

8. Confirm the installation requirements have been met and click **Next** continue.

*The Enter Text dialog box appears.*

9. Confirm the currently logged on user is the Administrator, then click **Next**.

*The Choose Installation Type window displays.*

- 
10. Select **Back Office - Upgrade** then click **Next**.  
*Select the Currently installed version of ScanMaster window displays.*
  11. Confirm version of ScanMaster upgrading from, and then click **Next**.  
*The Confirm Selections window displays.*
  12. Click **Next** to continue.  
*ScanMaster is loaded as the progress bar appears. After ScanMaster is finished loading, a Registry Editor Message box appears which says "Are you sure you want to add the information in C:\Grocery\V8Srv.reg to the registry?"*
  13. Click **Yes**.  
*A Registry Editor message appears which says "Information in C:\Grocery\V8Srv.reg has been successfully entered into the registry."*
  14. Click **OK**.  
*A warning message appears describing the consequences of performing a restart during the MS Scripting Engine and MDAC installation.*
  15. Click **OK**.  
*If the operating system is Windows XP Professional skip to step 24.*
  16. Click **YES** to install Windows Script 5.6.
  17. Click **YES** for the License Agreement for Windows Script 5.6.
  18. Click **OK** to finish the installation.  
**Note: This next selection is extremely important as the ScanMaster 2.05.00 Upgrade will not continue if the system is restarted now. The MDAC End User License screen will then display.**
  19. Click **NO** to not reboot at this time if prompted.
  20. Click the checkbox to accept the terms of the license agreement and click **Next**.
  21. If the MDAC Detecting In Use Files window displays, click **Next**.  
*The MDAC Detecting In Use Files window displays. If the file w3dbsmgr displays in the in use files box, **do not shut it down**.*  
*The MDAC Installing the Software window displays.*
  22. Click **Finish**.  
*The MDAC components are installed.*  
**Note: It may take a few moments for the files to begin copying.**  
*After the files are copied, the Setup Complete window displays.*
  23. If prompted, select "I will restart the system myself", and Click **Finish**.
  24. Click **Close**.

---

*If upgrading from ScanMaster 1.02.xx, 1.03.xx, or 2.00.xx, the Create Database Screen will display. If not, skip to step **Error! Reference source not found.***

*The ScanMaster Server Database Creation Utility displays.*

25. Enter the user's password if any and click **CreateDB** button.

*In the Database Creation Status section a green message will appear:*

*ScanMaster DBName created successfully.*

*ScanMaster Database created successfully.*

26. Click **Exit**.

*The InstallShield Wizard Complete Screen displays with the "Yes, I want to restart my computer now" option selected.*

27. Click **Finish** to reboot the workstation.

*The Workstation restarts.*

28. Log onto the Workstation as the Administrator again.

*If upgrading from v2.03.00 then the upgrade is complete, otherwise the Welcome window for ScanMaster 2.05.00 Upgrade Part Two displays.*

29. Click **Next**.

*The Install Requirements Screen displays.*

30. Confirm the installation requirements have been met and click **Next** continue.

*The "Choose Installation Type" screen appears.*

31. Confirm installation type, and click **Next** continue.

*If upgrading from v2.01.00 or greater, skip to step **Error! Reference source not found.***

*The ScanMaster 2.05.00 File Conversion Utility window displays with the message:*

*"It is required to close down all local ScanMaster applications on this workstation before continuing."*

32. Click **OK**.

*The Conversion Utility converts the necessary files. The checkboxes next to these files get checked automatically as the conversion progresses.*

*The application message shows at top of the screen "Conversion completed. Click Exit."*

33. Click **Exit**.

*The register conversion warning message displays. Confirm all **server** and back office applications are shut down, including the EJ Processor.*

34. Click **OK**.

*The conversion utility Part 2 screen displays briefly, processes, and then exits automatically.*

*The ScanMaster Installation window appears stating the "Setup has finished".*

35. Click **Finish**.
36. If the old icon "Start NCR ScanMaster" does not appear on your desktop, the upgrade is complete. If it still appears on your desktop, right-click the icon and select "Delete" from the pop-up menu.
37. Confirm the deletion and click **Yes**.
38. Right-click on the **Start** button and select **Open All Users** from the pop-up menu.
39. Double-click on the **Programs** file folder.
40. Right-click on **NCR ScanMaster for Windows** folder and select "Delete" from the pop-up menu.
41. Confirm the deletion and click **Yes**.
42. Close all open windows.

## Post Installation

### Norton AntiVirus (Windows XP Acer OEM Version)

If your server has Norton AntiVirus installed, you will need to re-enable the Script Blocker.

1. Double-click the Norton AntiVirus icon located in the system tray (to the left of the time).

*The Norton AntiVirus window displays*

2. Click the **Script Blocking** hyperlink in the middle of the window.
3. Click the **Enable** button on the right of the window.
4. Close all open windows.

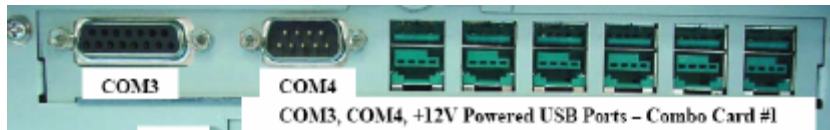
## PoS Workstation Setup

This section describes the setup of a ScanMaster PoS Workstation. Instructions for installing the operating system, all necessary prerequisite components of ScanMaster and the workstation, and installing or upgrading ScanMaster 2.05.00.

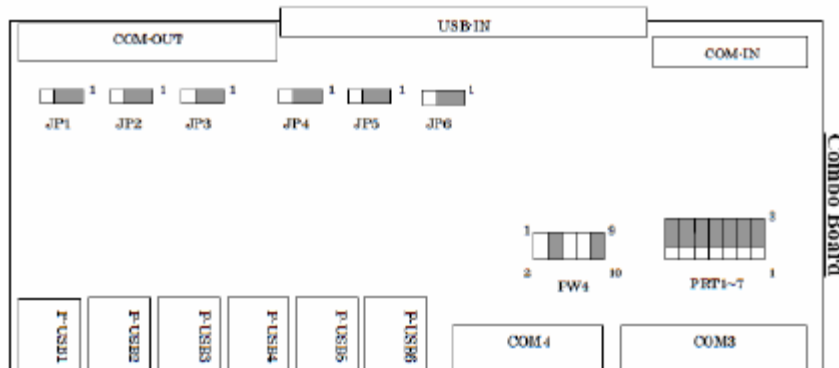
### Prerequisites

- Operating System Installation CDs if system is not preloaded.
- Pervasive v8.x Workstation Engine CD
- ScanMaster 2.05.00 Installation CD
- Network access to the ScanMaster server with the ability to access the Server's CD-ROM drive, if PoS Workstation is not equipped with a CD-ROM drive, and the ability to access the Server's SCANIDOS share.
- If upgrading a 24 hour site, upgrade all PoS workstations prior to upgrading the Server and any Back Office Workstations.

### Fujitsu TeamPOS 3000XL PoS Workstation Combo Board Printer Jumper Settings



Your TeamPOS 3000XL may contain the Combo Board to provide COM3, COM4 and six +12V USB connections pictured above



The 7 connector jumper block (PRT1-7) defines the printer interface being used for COM3. For Epson, Citizen, and TPG (Axiohm) printers the jumpers should be set to 2-3, 5-6, 8-9, 11-12, 14-15, 17-18, and 20-21.

## Fujitsu TeamPOS M PoS Workstation Switch Settings

Before you perform any installation on the TeamPOS M PoS Workstation you must first set a bank of eight switch settings properly to enable the required ports.

1. Remove the left side panel by sliding it forward.
2. Locate the two sets of eight dip switches under the top cover of the workstation.
3. Set the switch setting as follows on the bank to the left (nearest to the rear of the machine):

**Note:** Switch position of “On” is down, and “Off” is up.

- Switch 1 = ON
- Switch 2 = OFF
- Switch 3 = OFF
- Switch 4 = OFF
- Switch 5 = ON
- Switch 6 = ON
- Switch 7 = ON
- Switch 8 = ON

**Note:** After setting the switches on the retail I/O board, you must load C:\DRIVERS\PNT230.REG to install the COM ports properly within the registry. Do this by browsing to the directory, and double clicking on PNT230.REG, and clicking **YES** to the “Are you sure...” prompt, and **OK** to “...information entered...” prompt.

---

## Operating System Installation for the PoS Workstation

The Windows XPe operating system is preloaded on the Fujitsu TeamPOS 2000 models M and S. The Microsoft WePOS operating system is preloaded on the Fujitsu TeamPOS 3000XL and TeamPOS 3000XE models.

**Note:** It is highly recommended that an image of this installation be saved prior to installing any software or making any changes to the workstation.

### Microsoft WePOS PoS and Windows XPe (Embedded) PoS Workstation Configuration


This manual assumes that the installation of Microsoft WePOS or Windows XPe (Embedded) has already been performed on the PoS workstation. Whether the workstation was loaded using a Ghost image **or** whether your workstation was preloaded with Microsoft WePOS / Windows XPe (Embedded), you must perform the following steps prior to beginning the Pervasive and ScanMaster installation:

**Note:** Turn off the windows firewall on the TP3000XL and TP3000XE so it will not interfere with the installation

**Note:** Change to "Classic Start menu" by right clicking on "Start" then selecting "Properties".

1. Configure TCP/IP Network Protocol
2. Join the Store Workgroup
3. Map a network drive to the server CD-ROM drive.
4. Installing the XPe Patch on the workstation (see page 60)
5. Installing the OPOS Drivers (see page 63).

#### Configuring TCP/IP Network Protocol

1. Log into the workstation as the Administrator (with no password).
2. On the PoS Workstation, press the Start  key on the keyboard.
3. Select **Settings**.
4. Select **Network Connections**.  
*The Network Connections screen appears.*
5. Right-click on **Local Area Connection**.
6. Select **Properties**.  
*This Local Area Connections Properties Window appears.*
7. Highlight **Internet Protocol (TCP/IP)** and click the **Properties** button.

- 
8. If the server is configured up for DHCP, confirm that the **Obtain an IP Address automatically** radio button is depressed.

OR

If the server is configured for Static IP Addressing, enter this Workstations IP Address, Subnet Mask and Default Gateway.

**Note:** Consult your network administrator to obtain an IP Address and subnet mask.


9. When finished select **OK**.

*You are returned to the Local Area Connection Properties screen.*

10. Select **OK**.

11. Close all open windows.

### Joining the Store Workgroup

1. On the PoS Workstation, press the Start  key on the keyboard.

2. Select **Settings**.

3. Select **Control Panel**.

*The Control Panel window appears.*

4. Double-click **System**.

5. Select the **Computer Name** tab.

6. Click **Change**.

7. Select the **Workgroup** radio button.

8. In the **Workgroup** field, enter **Store** (or the workgroup your network administrator has setup for your site).

9. Click **OK**.

*After a few seconds, the welcome to the workgroup message displays.*

10. Click **OK**.

*A window that states you must restart this computer for the changes to take affect appears.*

11. Click **OK**.

*The System Properties window displays. Select **OK**.*

*A window appears asking if you wish to restart now.*

12. Click **Yes** to restart the PoS Workstation.

*The system reboots.*

---


## Map the Network Drive

**Note:** These steps assume that you have shared your server's CD-ROM Drive with a Share Name of "**CD\_ROM**".

1. Login as Administrator.

Note: Create a shortcut to the Windows Explorer on the TP3000XL/TP3000XE Microsoft WePOS image in the Accessories folder.

- a. Right click on "Start"
- b. Click on "Open All Users"
- c. Double click "Programs"
- d. Double click "Accessories"
- e. Right click in the white background of the "Accessories" folder and create a new shortcut
- f. Type **C:\WINDOWS\explorer.exe** in the window then click "Next"
- g. Change the name of the shortcut to **Windows Explorer** and click "Finish"
- h. Right click on the Windows Explorer just created
- i. Click on "Properties"
- j. Click on "Change Icon"
- k. Select the folder with magnifying glass Icon and then click "OK"
- l. Click "OK" to close the screen

2. Press the Start  key on the keyboard.
3. Select **Programs ? Accessories? Windows Explorer**.

*The Explorer Window displays.*

4. Select **Tools** from the Menu bar.
5. Select **Map Network Drive** from the drop-down menu.

*The Map Network Drive Window displays.*

6. Select **G:** in the Drive field.
7. In the Folder field, type **\\SERVER\CD\_ROM**. (If the server name is setup other than "Server" replace it here).
8. Ensure that "Reconnect at Logon" checkbox is selected.
9. Select **Finish** when done.

*You are connected to the CD-ROM drive on the server.*

**Note:** If prompted, enter the server Administrator user name and password.

10. Close the window.

---

**Note:** If no CD is in the drive, you may receive a message that the device is not ready. Press **Enter** to clear the message.

#### Disabling Windows Messenger (Does not apply to the TP3000XL/TP3000XE Microsoft WePOS image)

**Note:** Before attempting to disable Windows Messenger, close all open windows.

1. Double-click the Windows Messenger icon in the system tray, to the left of the time.  
*The Windows Messenger window appears.*
2. On the Windows Messenger menu bar, select **Tools**, and then select **Options** from the pop-up menu.  
*The Options window appears.*
3. Click the **Preferences** tab.
4. Deselect the “Run this program when Windows starts.” checkbox, and then click **OK**.
5. Close the Windows Messenger window.
6. Click the Windows Messenger icon in the system tray, to the left of the time.
7. Select **Exit** from the pop-up menu.
8. Click **OK**.

#### Installing Windows XPe Patch on the PoS Workstation (Does not apply to the TP3000XL/TP3000XE Microsoft WePOS image)

1. Insert the CD labeled ScanMaster Version 2.05.00 into the Server CD-ROM drive.
2. From the Task Bar, click **Start® Run**.  
*The Run dialog box displays.*
3. Click **Browse**.
4. Look in the **CD-ROM** drive.
5. Double-click the **XPePatch** folder to display the contents.
6. Double-click **SETUP.EXE** and click **OK** to launch the XPe patch installation procedure.  
*The InstallShield Welcome window displays.*
7. Click **Next**.  
*The Start Copying Files window displays.*
8. Click **Next**.  
*The files are now installed.*

# Pervasive Installation


## Installing Pervasive Workstation Engine

**Note:** For PoS Workstations running Embedded XP you must first run the patch located on the ScanMaster Installation CD before the Pervasive Workstation Engine. See page 60.

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

1. At the back office workstation, insert the CD labeled V8 Workgroup Engine into the CD-ROM drive.

**Note:** If the Autorun program starts, skip to step 10.

2. Press the Start  key on the keyboard.
3. Press **<R>** for Run.
4. Press **<ALT><B>** 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 first folder on the CD is highlighted.
8. Press the Arrow Down key, highlight **Setup** and press **Enter**.
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.

*The Setup Type Screen Displays.*

12. Accept **Complete** and press **Enter** for **Next**.  
*The Verification Window displays.*
13. Review the information and press **Enter** for **Install**.  
*After Setup has completed copying files and starting services, the Setup Complete window displays.*
14. Press **Enter** for **Finish**.

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

15. Press **Enter** for **Next**.

*The Test Results will appear.*

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

*The Relational Engine Test Screen appears.*

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

*The Test Results will appear.*

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

19. Press **Enter** for **Finish**.

---

# OPOS Installation

## Installation Preparation

**Note:** You should have already followed the steps outlined on page 57 to connect your workstation to the network.

**Note:** Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.05.00 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:).

## OPOS Common Control (RCS)

1. Login to the workstation as the Administrator.
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 workstation 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
- Note:** *If using a 92M Keyboard, select "POSKeyboard\_92R\_92M\_92U (Serial).  
If using a 92U Keyboard, select "POSKeyboard\_92U (USB).*
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.*

Click **NO**.

20. Click **NEXT**. (fjkbds)
21. Click **NEXT**. (fjklks)
22. Click **NEXT**. (fjmsrso)
23. Click **NEXT**. (FJPosKBTone)
24. Click **NEXT**. (SlimScan1200)
25. Click **NEXT**. (Fujitsu7521E\_S)
26. Click **NEXT**. (Fujitsu7521E\_S\_Scale)
27. Click **NEXT**. (fjvfdso)
28. *If 92M* Click **NEXT**. (ICL92RKeyboard)
29. *If 92M* Click **NEXT**. (ICL92Operator)
30. *If 92M* Click **NEXT**. (ICL92RKeylock)
31. *If 92M* Click **NEXT**. (ICL92RTone)
32. *If 92M* Click **NEXT**. (ICL92RMSR)

*The InstallShield Wizard Complete window displays.*

33. Click **FINISH**.

---

## Epson OPOS (For Installations w/ Epson Printers)

**Note:** Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.05.00 Install CD to the hard drive of your workstation. (You should have previously mapped a drive to server's CD-ROM drive – typically G:).

**Note:** If you upgrading an existing Epson OPOS, Uninstall Epson OPOS ADK from Add/Remove Programs in Windows Control Panel before continuing.

1. Login to the workstation as the Administrator.
2. Using Windows Explorer, browse to the \DRIVERS\EpsonOPOS\OPOSADK\V250E\DISK1 folder.
3. Double-click **SETUP.EXE** to launch the installation procedure.  
*The Welcome Screen displays.*
4. Click **Next**.  
*The Licensing Screen displays.*
5. Select the first radio button “I accept” and click **Next**.  
*A confirmation screen displays.*
6. Click **Yes**.  
*The Select Registry File screen displays.*
7. Select the first radio button “No registry file” and click **Next**.  
*The User Information Screen displays.*
8. Fill in the Name and Company Information and click **Next**.  
*The Destination Location Screen displays.*
9. Use the default location and click **Next**.  
*The Select Install Module displays.*
10. Check (click) all three packages and click **Next**.  
*The Select CO Type screen displays.*
11. Check (click) CCO (Common Control Object) and click **Next**.  
*The Install Type screen displays.*
12. Select **Full Install** and click **Next**.  
*The Select Program Folder screen displays.*
13. Accept the default and click **Next**.  
*The Start Copying Files screen displays.*
14. Click **Next**.  
*After file loading the Setup complete screen displays.*

- 
15. Click **Finish**.
  16. Close the readme windows.

*The “Do you want to Install TMUSB driver?” question appears.*

**Note:** If you are installing an Epson Printer (USB) select **YES**. (*TeamPoS 3000 Models Only*)

If you are installing an Epson Printer (Serial) select **NO**.

*The “Do you use Parallel I/F?” question appears.*
  17. Click **No**.
  18. Close the Windows Explorer Window.
  19. Using Windows Explorer, browse to the  
    \DRIVERS\EpsonOPOS\OPOSADK\V250E\SP6\disk1 folder.
  20. Double-click **SETUP.EXE** to launch the installation procedure.

*The Welcome Screen displays.*
  21. Click **Next**.

*The Licensing Screen displays.*
  22. Select the first radio button “I accept” and click **Next**.

*A confirmation screen displays.*
  23. Click **Yes**.

*The Select Registry File screen displays.*
  24. Select the first radio button “No registry file” and click **Next**.

*The Select Install Module displays.*
  25. Click **Next**.

*The Start Copying Files screen displays.*
  26. Click **Next**.

*After file loading the Setup complete screen displays.*
  27. Click **Finish**.
  28. Close the readme windows.

*The “Do you want to Install TMUSB driver?” question appears.*

**Note:** If you are installing an Epson Printer (USB) select **YES**. (*TeamPoS 3000 Models Only*)

If you are installing an Epson Printer (Serial) select **NO**.

*The “Do you use Parallel I/F?” question appears.*
  29. Click **No**.
  30. Close the Windows Explorer Window.

---

*The OPOS Device Screen appears.*

31. Right-click **POSPrinter** and select “Add new device”.

*The Add New Device Screen appears.*

32. Select the device name (**TM-H6000II** or **TM-H6000III**) of your Epson printer and enter the name of “**DefaultPrinter**” (no spaces) in the Add New LDN field at the bottom of the screen.

**Note:** If using a USB Printer, select **TM-H6000IIU** or **TM-H6000IIIU** in the Select detailed Model field at

the top right of the screen. The used port should display USB.

33. Click **Next**.

**Note:** If a SetupPOS window displays stating “This setting may cause a port conflict if the device is not set up properly.” Click **OK**.

*The Communication Settings Screen appears.*

**Note:** If USB port is being used, Click on **Auto Settings** and accept detected port.

34. Configure your printer’s port setting and click **Finish**.

*When finished the OPOS Device Screen appears.*

35. Right-click **MICR** and select “Add new device”.

*The Add New Device Screen appears.*

36. Select the device name (**TM-H6000II** or **TM-H6000III**) for your Epson MICR and enter the name of “**DefaultMICR**” (no spaces) in the Add New LDN field at the bottom of the screen.

**Note:** If using a USB Printer, select **TM-H6000IIU** or **TM-H6000IIIU** in the Select detailed Model field at

the top right of the screen. The used port should display USB.

37. Click **Next**.

**Note:** If a SetupPOS window displays stating “This setting may cause a port conflict if the device is not set up properly.” Click **OK**.

*The Communication Settings Screen appears.*

**Note:** If USB port is being used, Click on **Auto Settings** and accept detected port.

38. Configure your MICR port setting and click **Finish**.

*When finished the OPOS Device Screen appears.*

39. Right-click **CashDrawer** and select “Add new device”.

*The Add New Device Screen appears.*

40. Select the device name (**Multi\_A**) for your Cash Drawer and enter the name of "**DefaultDrawer**" in the Add New LDN field at the bottom of the screen.

**Note:** If using a USB Printer, Select **Multi\_AU** in the Select detailed Model field at the top right of the screen. The used port should display USB.

41. Click **Next**.

*The Communication Settings Screen appears.*

- Note:** If USB port is being used, Click on **Auto Settings** and accept detected port.

42. Configure your Cash Drawer's port setting to the same as your printer in step 23 and click **Finish**.

43. Click **OK** to the warning message.

*When finished the OPOS Device Screen appears.*

44. Close the Epson OPOS Window.

---

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

**Note:** Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.05.00 Install CD to the hard drive of your workstation. (You should have previously mapped a drive to server's CD-ROM drive – typically G:).

1. Login to the workstation as the Administrator.
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.  
*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 DLLRestgisterServer 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.*

**Note:** The configuration portion of the TPG Printer is handled by the ScanMaster PoS Workstation installation.

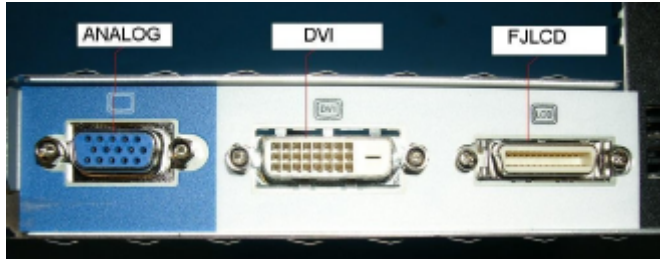
## TPG USB Printer Driver Installation

Note: **In addition to OPOS Installation**, the TPG USB Printer must have the Windows driver installed.

1. Power the Register **off**.
2. Plug in the TPG USB Printer into the red 24v USB port on the register and Start up.  
*Windows will discover the new device and attempt to install. The Hardware Update Wizard screen displays.*  
*“Can Windows connect to Windows Update” question appears.*
3. Select “No. Not this time” and Click **NEXT**.  
*“What do you want the wizard to do?” question appears.*
4. Select “Install from a list or specific location (Advanced)” and Click **NEXT**.  
*The search and installation option screen displays.*
5. Select (check) “Include this location in the search” and Click **Browse**.
6. Path to C:\Drivers\TPG OPOS and 776 USB Driver and Click **NEXT**.  
*A Hardware Installation warning displays.*
7. Click **Continue Anyway**.  
*Windows will install the Printer*
8. Click **Finish**.

## Configuring Digital Video on TeamPoS M unit

The TeamPoS 2000 M unit has three video ports on the back of the unit:



Only two of these three ports can be used at one time:

- Analog (Standard VGA) and DVI
- Analog (Standard VGA) and FJLCD

The DVI port can be used with the Fujitsu D15 monitor with a DVI cable. The FJLCD port can be used with the Fujitsu D12 monitor. The D15 monitor can also be used with the standard VGA (Analog) port with a VGA cable instead of DVI.

Units are preconfigured for either DVI or FJLCD. This section will describe the process to switch between one set of ports to the other.

### Switching TeamPoS 2000 M from DVI to FJLCD

1. Right-click on the Windows Desktop and select Properties from the pop-up menu.  
*The Display Properties window displays.*
2. Click **Settings** tab.
3. Select “1. Default Monitor...” from the Display drop-down.
4. Click **Advanced** button.
5. Click **Adapter** tab.
6. Click **Properties** button.
7. Click **Driver** tab.
8. Click **Update Driver...** button.
9. Select “Install from a list or specific location...” radio-button and click **Next**.
10. Select “Don’t search. I will choose the driver to install” radio-button and click **Next..**
11. Click **Have Disk...** button.
12. Click **Browse** button.

13. Browse to the “C:\DRIVERS\Win XP\VIDEO\LCD + Analog” directory, and click **Open**.
14. Click **OK**.
15. Click **Next**.

***A Hardware Installation window will display stating that the driver you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP.***
16. Click **Continue Anyway** button.

*The driver will install as the progress bar appears. When installation is complete the Completing the Hardware Update Wizard window appears.*
17. Click **Finish**.
18. Click **Close**.

*A System Settings Change message appears asking if you wish to restart your computer now.*

**Note:** It is very important that the system is NOT restarted at this point. The driver must be installed for the second display before restarting the system.
19. Click **No**.
20. Click **OK**.

*The Display Properties window displays, with the Settings Tab active.*
21. Select “2. Plug and Play Monitor...” from the Display drop-down.
22. Click **Advanced** button.
23. Click **Adapter** tab.
24. Click **Properties** button.
25. Click **Driver** tab.
26. Click **Update Driver...** button.
27. Select “Install from a list or specific location...” radio-button and click **Next**.
28. Select “Don’t search. I will choose the driver to install” radio-button and click **Next**.
29. Click **Have Disk...** button.
30. Click **Browse** button.
31. Browse to the “C:\DRIVERS\Win XP\VIDEO\LCD + Analog” directory, and click **Open**.
32. Click **OK**.
33. Click **Next**.

---

***A Hardware Installation window will display stating that the driver you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP.***

34. Click **Continue Anyway** button.

*The driver will install as the progress bar appears. When installation is complete the Completing the Hardware Update Wizard window appears.*

35. Click **Finish**.

36. Click **Close**.

*A System Settings Change message appears asking if you wish to restart your computer now.*

37. Click **Yes**.

*System reboots, and the monitor attached to the FJLCD port will become active. You can now disconnect the monitor connected to the DVI port when the TeamPoS unit is powered down.*

## Switching TeamPoS 2000 M from FJLCD to DVI

1. Right-click on the Windows Desktop and select Properties from the pop-up menu.

*The Display Properties window displays.*

2. Click **Settings** tab.

3. Select "1. Default Monitor..." from the Display drop-down.

4. Click **Advanced** button.

5. Click **Adapter** tab.

6. Click **Properties** button.

7. Click **Driver** tab.

8. Click **Update Driver...** button.

9. Select "Install from a list or specific location..." radio-button and click **Next**.

10. Select "Don't search. I will choose the driver to install" radio-button and click **Next**.

11. Click **Have Disk...** button.

12. Click **Browse** button.

13. Browse to the "C:\DRIVERS\Win XP\VIDEO\DVI + Analog" directory, and click **Open**.

14. Click **OK**.

15. Click **Next**.

***A Hardware Installation window will display stating that the driver you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP.***

- 
16. Click **Continue Anyway** button.

*The driver will install as the progress bar appears. When installation is complete the Completing the Hardware Update Wizard window appears.*

17. Click **Finish**.

18. Click **Close**.

*A System Settings Change message appears asking if you wish to restart your computer now.*

**Note:** It is very important that the system is NOT restarted at this point. The driver must be installed for the second display before restarting the system.

19. Click **No**.

20. Click **OK**.

*The Display Properties window displays, with the Settings Tab active.*

21. Select “2. Plug and Play Monitor...” from the Display drop-down.

22. Click **Advanced** button.

23. Click **Adapter** tab.

24. Click **Properties** button.

25. Click **Driver** tab.

26. Click **Update Driver...** button.

27. Select “Install from a list or specific location...” radio-button and click **Next**.

28. Select “Don’t search. I will choose the driver to install” radio-button and click **Next..**

29. Click **Have Disk...** button.

30. Click **Browse** button.

31. Browse to the “C:\DRIVERS\Win XP\VIDEO\DVI + Analog” directory, and click **Open**.

32. Click **OK**.

33. Click **Next**.

***A Hardware Installation window will display stating that the driver you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP.***

34. Click **Continue Anyway** button.

*The driver will install as the progress bar appears. When installation is complete the Completing the Hardware Update Wizard window appears.*

35. Click **Finish**.

36. Click **Close**.

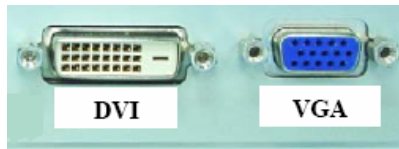
*A System Settings Change message appears asking if you wish to restart your computer now.*

**37. Click Yes.**

*System reboots, and the monitor attached to the DVI port will become active. You can now disconnect the monitor connected to the FJLCD port when the TeamPoS unit is powered down.*

## Configuring Digital Video on the TeamPoS 3000XL PoS

The TeamPoS 3000XL has two video ports on the back of the unit:



### Setting up the TeamPoS 3000XL with dual monitors

1. Click on "Start / Settings / Control Panel"
2. Double click on Intel Extreme Graphics 2 M
3. Click on the left tab (Display Devices)
  - Under the section "Multiple display"
    - i. Click "Extended Desktop"
    - ii. Primary Device – select dropdown "Digital Display"
    - iii. Secondary Device – select dropdown "Monitor"
4. Click on the left tab (Display Settings)
  - Click on the top tab (Digital Display)
    - i. Select Screen Resolution 800 x 600
  - Click on the top tab (Monitor)
    - i. Select Screen Resolution 800 x 600
  - Click "OK"
5. Click "OK" to confirm the desktop change

**NOTE: The following step must be done to write the monitor configuration to the registry.**

1. Click on "Start / Programs / Display\_Select" and click on Display\_Select
2. The Display Selector displays
  - Under the section "Extended Mode (Independent Screen)"
    - i. Click "Primary: Digital Monitor / Secondary: Analog Monitor"
  - Click "Register"

---

## Touch screen Driver Installation

This section describes the steps to configure “Touch” on the Fujitsu D25, D15, D12, and A12 Flat panel displays.

### Fujitsu D25 Touch Screen Drivers

The D25 monitor is a 15” flat panel display that can connect to a TeamPoS 2000 M unit or TeamPoS 3000 XL with either a DVI or VGA cable, and to the TeamPoS 2000 S or TeamPoS 3000 XE unit with a VGA cable.

NOTE: The display configuration must be complete before installing the ELO touch drivers.

#### Installing the ELO Touch Driver

1. Login to the workstation as Administrator
2. Power for the D25 monitor is from the 12V powered USB which also provides the touch capability.
3. Open Windows Explorer and browse to the **C:\Drivers\TeamPoS3000\_Software\_Support\Drivers\LCD Display Touch\TeamPoS 3000 D25\Driver** folder.
4. Double click "EloSetup.exe"
5. Click "Install USB Touchscreen Drivers" then click "Next"
6. The License Agreement displays. Click "Yes"
7. The Elo Touchscreen install finishes and is checked to "Calibrate Elo Touchscreen monitors". Click "Finish"
8. The Elo touchscreen is intelligent and calibrates either one monitor or two monitors if you have the display configuration setup for two monitors.
9. Turn off the touch on the customer Monitor when using two touch monitors by doing the following.
  - a. Click the Elo Icon in the desktop system tray.
  - b. Click the tab "Properties 1 or 2" and click "Identify Monitor" to find out which monitor is the customer.
  - c. Click on "Advanced" in the Properties tab for the customer Elo touch .
  - d. Click the box under "Options" to "Disable touch" and click "OK".
  - e. Click "OK" to exit the Elo Properties screen.

### Fujitsu D15 Touch Screen Drivers

The D15 monitor is a 15” flat panel display that can connect to a TeamPoS 2000 M unit with either a DVI or VGA cable, and to the TeamPoS 2000 S unit with a VGA cable.

**Note:** Before beginning the driver installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.05.00 Install CD to the hard drive of your workstation. (You should have previously mapped a drive to server's CD-ROM drive – typically G:).

Setting up the Fujitsu D15 monitor requires the following processes to be done:

- Install the driver
- Install the driver utility and calibrate the touch
- Setup the driver for use with ScanMaster

#### Install the 3M TouchWare driver

1. Login to the workstation as the Administrator.
2. If the D15 USB connection was not plugged in, before Windows was started on the PoS Workstation, then plug the USB cable from the D15 monitor into the USB port on the back of the PoS Workstation.

*If the Found New Hardware Wizard window displays, skip to step 5.*

3. From the Windows XP task bar, click on **Start** ® **Settings** → **Control Panel** ® **Administrative Tools** ® **Computer Management**. Select **Device Manager** from the Tree.
4. Right click on the “3M USB TouchScreen – EX II” from the list of devices under “Other Devices” on the right, and select “**Update Driver...**” from the pop-up menu.

*The Hardware Update Wizard screen appears, and prompts to connect to Windows Update.*

5. Select “No, not this time” and click **Next** to continue.
6. Select the “Install from a list or specific location...” checkbox and click **Next** to continue.
7. Uncheck the “Search removable media...” checkbox.
8. Check the “Include this location in the search...” checkbox, and click **Browse**.

*The Browse for Folder window displays.*

9. Browse to the C:\DRIVERS\D15\DISK1 folder and click **OK**.
10. Click **Next**.
11. The “Completing the Hardware Update Wizard” window displays. Click **Finish**.
12. Close all open windows.

#### Install 3M TouchWare Driver Utility on a Single monitor system.

**Note:** Only use this section if you have only a cashier display on the PoS Workstation. If the workstation has a Cashier and Customer display then skip to the next section.

1. Login to the workstation as the Administrator.
2. Using Windows Explorer, browse to the DRIVERS\D15\DISK1 folder on the workstation:
3. Double-click **SETUP.EXE**.  
*The TouchWare 5.64 SR5a setup screen displays*
4. Click **Next**.
5. Select “I Accept – TouchWare installation will continue” radio-button, and click **Next**.
6. Select “USB” radio-button, and click **Next**.
7. Select “Express Install...” radio-button and click **Next**.  
*After the utility is installed, the Setup Complete window displays*
8. Uncheck the “Yes, I want to view the readme file” checkbox, and click **Finish**.  
*If the PoS Workstation only has one monitor for Cashier display skip to step 10*  
*A TouchWare monitor message appears stating that the “Touch Screen mapping for your system is incorrect. “*
9. Click **OK**.  
*The Touch Screen Calibration Needed window displays.*
10. Ensure the “Do not remind me...” check box is not selected, and click **Calibrate**.
11. Calibrate the touch screen by touching and holding the indicated spots on the display, until it displays “Touch Enable” at each location.
12. Drag your finger over the display and ensure the cursor follows. If correct click **Done**, otherwise click **Calibrate**, and repeat the previous step.

#### Install 3M TouchWare Driver Utility on a Dual monitor system

**Note:** Only use this section if you have both a cashier and customer display on the PoS Workstation. If the workstation has only a Cashier display then skip to the previous section.

1. Login to the workstation as the Administrator.
2. Using Windows Explorer, browse to the DRIVERS\D15\DISK1 folder on the workstation:
3. Double-click **SETUP.EXE**.  
*The TouchWare 5.64 SR5a setup screen displays*
4. Click **Next**.
5. Select “I Accept – TouchWare installation will continue” radio-button, and click **Next**.
6. Select “USB” radio-button, and click **Next**.
7. Select “Express Install...” radio-button and click **Next**.

---

*After the utility is installed, the Setup Complete window displays*

8. Uncheck the “Yes, I want to view the readme file” checkbox, and click **Finish**.

*A TouchWare monitor message appears stating that the “Touch Screen mapping for your system is not correct.”*

9. Click **OK**.
10. Close all open windows.
11. Double-click the TouchWare icon on the desktop.

*A Monitor Setup message appears stating that the “Touch Screen mapping for your system is not correct.”*

12. Click **OK**.

*A Monitor Setup message appears stating that the “During the mapping process...”*

**Note: Important!! Steps 14 and 15 are timed, so read the instructions first and respond appropriately. If you do not respond appropriately before the system times out, configuration will not be correct.**

13. Read all the instructions on the message and Click **OK**.
14. A large numeral “1” will appear on one of the screens.
  - If the “1” appears on the D15 monitor touch the screen. The message “Touch screen mapped successfully to monitor 1” will display.
  - If the monitor that is displaying the “1” is NOT the D15 monitor wait until the message “No touch screen mapped” message appears, and click OK.
15. A large numeral “2” will appear on one of the screens.
  - If the “2” appears on the D15 monitor touch the screen. The message “Touch screen mapped successfully to monitor 2” will display.
  - If the monitor that is displaying the “2” is NOT the D15 monitor wait until the message “No touch screen mapped” message appears, and click OK.
16. Click **Close**.

*The Touch Screen Calibration Needed window displays.*
17. Ensure the “Do not remind me...” check box is not selected, and click **Calibrate**.
18. Calibrate the touch screen by touching and holding the indicated spots on the display, until it displays “Touch Enable” at each location.
19. Drag your finger over the display and ensure the cursor follows. If correct click **Done**, otherwise click **Calibrate**, and repeat the previous step.

---

## Fujitsu D12/A12 Touch Screen Drivers

The D12 monitor is a 12" flat panel display that connects to a TeamPoS 2000 M unit in the FJLCD port on the back of the unit. The A12 monitor is a 12" flat panel display that can connect to both the TeamPoS 2000 M and S units in the standard VGA port on the back of the unit.

**Note:** Before beginning the driver installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.05.00 Install CD to the hard drive of your workstation. (You should have previously mapped a drive to server's CD-ROM drive – typically G:).

1. Login to the workstation as the Administrator.
2. Using Windows Explorer, browse to the DRIVERS\TOUCHDRIVER folder on the workstation:
3. Double-click **SETUP.EXE**.  
*The Fujitsu Touch Panel Setup Screen displays.*
4. Select "1. Non Plug and Play Device", and click **OK**.  
*When finished the "Install is now complete.." screen displays.*
5. Click **OK**.  
*The Touch Panel Settings screen displays and the COM1 will be selected.*
6. Click **OK**.
7. Click **Yes** to restart the workstation.

### Dual Screen Installations

**Note:** The following section is for dual display installs only.

1. After reboot, logon as Administrator
2. Do the following if the Windows desktop (Icons, and task bar) is on the monitor used for the **Customer** display.
3. Right click on an unused space on the desktop and select Properties from the pop-up menu.  
*The display properties window appears.*
4. Select display number 1, from the Display drop down combo-box.
5. Check the "Use this device as the primary monitor" checkbox.
6. Click Apply.
7. Select display number 2, from the Display drop down combo-box.
8. Uncheck the "Extend my Windows desktop onto this monitor."
9. Click Apply.  
*The windows desktop moves to the cashier display monitor.*

10. Check the "Extend my Windows desktop onto this monitor."
11. Click OK.

#### Calibrating the Fujitsu D12 or A12 Touch Screen

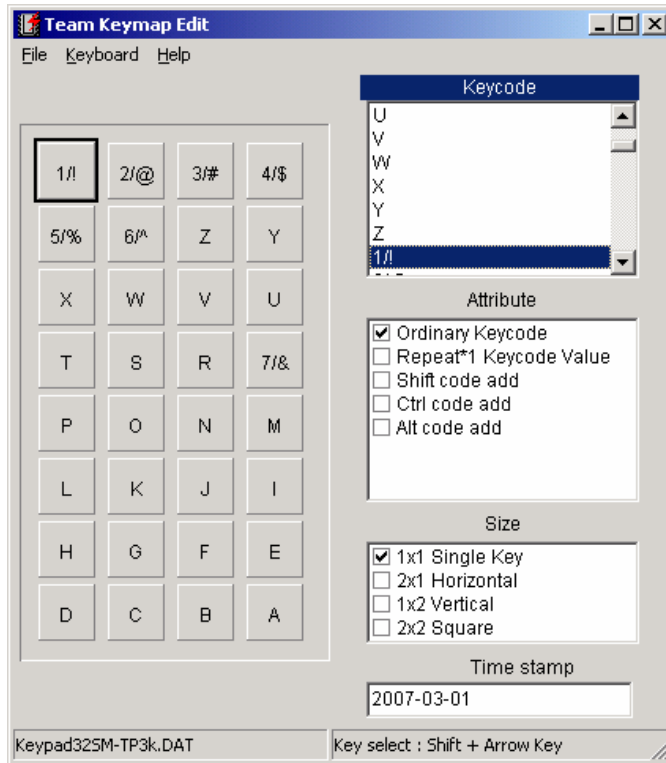
1. From the Windows Taskbar, click **Start® Settings® Control Panel**.
2. (Optional) Click **Switch to Classic View**.
3. Double-click **Touch Panel**.
4. Click the **Calibration Tab**.
5. Select "**20 Point Calibration (5 x 4 Matrix)**" in the "Accuracy Required" section.
6. Click **Apply**.
7. Click **Calibrate Now**.
8. With a pointed instrument click the red x location on the screen. The x location will move around the screen, repeat at each location (20 times).
9. Click **Update**.
10. Click **Audible Feedback Setup** tab.
11. Enable the **Sounds Enabled** checkbox.
12. Select the **Sound When Pressed** radio button.
13. In the "Tone Setting" box, set the frequency to 800Hz.
14. Click **OK**.
15. Close all open windows.

### Fujitsu D22\_D25 TeamKey 32-Key Mapping Utility

**Note: The following steps are only required if the workstation is running a Fujitsu Touch with D22 D25 TeamKey (32-key) keyboard.**

1. Login to the workstation as the Administrator.
2. Using Windows Explorer, browse to the **C:\Drivers\TeamPoS3000\_Software\_Support\Drivers\Keyboards\D22 and D25 Keypad\_MSR\KB ReMapper**.
3. Double-click **KeyEdit.exe**.  
*The "Team Keymap Edit" displays.*
4. From the toolbar, select **File** followed by **Open**.
5. The file "Keypad32SM-TP3k.DAT" should show in the window. If not, browse (using "Look in:" at the top) to the **C:\Drivers\TeamPoS3000\_Software\_Support\Drivers\Keyboards\D22 and D25 Keypad\_MSR\KB ReMapper** folder of the PoS Workstation and click the **KEYPAD32SM-TP3k.DAT** file.
6. Click **Open**.

The keymap screen displays.



7. From the toolbar, click **Keyboard** followed by **Keymap Change**.
8. Keymap change is started. Is it OK? displays. Click **YES**.
9. Keymap change ended normally. Displays. Click **OK**
10. Close the open window.
11. Contents of editing are lost. Is it OK? displays. Click **YES**
12. Close all open windows.

## Fujitsu TeamKey 32-Key Mapping Utility

**Note:** The following steps are only required if the workstation is running a Fujitsu Touch with TeamKey (32-key) keyboard.

13. Login to the workstation as the Administrator.
14. Using Windows Explorer, browse to the DRIVERS\32KEYMAP folder on the workstation.

15. Double-click **SETUP.EXE**.

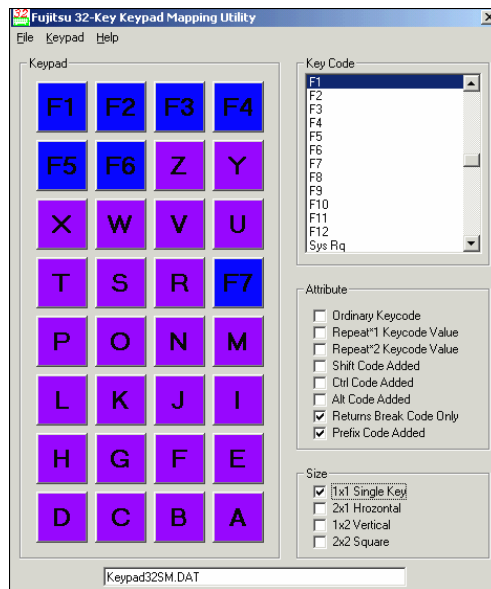
*The mapping utility setup screen displays.*

16. Click **OK**.
17. Click the large install button.
18. Click **Continue**.

**Note:** If any file version conflict messages appear, click **YES** to keep the file.

19. Click **OK** when finished installing.
20. From the Task Bar, click **Start® Programs® Fujitsu 32-key Keypad Mapping Utility® Fujitsu 32-key Keypad Mapping Utility**.  
*The Fujitsu 32-Key Keypad Mapping Utility screen appears.*
21. From the toolbar, select **File** followed by **Open**.
22. Browse to the **C:\DRIVERS\32KEYMAP** folder of the C:\ of the PoS Workstation and click the **KEYPAD32SM.DAT** file.
23. Click **Open**.

*The colored key mapping screen displays.*



24. From the toolbar, click **Keypad** followed by **Flash Keypad to Memory**.
25. An “Are you ready...” window displays, click **YES**.
26. A “Flashing Keypad memory completed” window displays, click **OK**.
27. When finished, close the Fujitsu 32-Key Keypad Mapping Utility window.

28. A “Scratch current work area without saving modifications” window displays, click **Yes**.
29. Close all open windows.

#### Disabling Windows Messenger

**Note:** Before attempting to disable Windows Messenger, close all open windows.


1. Double-click the Windows Messenger icon in the system tray, to the left of the time.  
*The Windows Messenger window appears.*
2. On the Windows Messenger menu bar, select **Tools**, and then select **Options** from the pop-up menu.  
*The Options window appears.*
3. Click the **Preferences** tab.
4. Deselect the “Run this program when Windows starts.” checkbox, and then click **OK**.
5. Close the Windows Messenger window.
6. Click the Windows Messenger icon in the system tray, to the left of the time.
7. Select **Exit** from the pop-up menu.
8. Click **OK**.

---

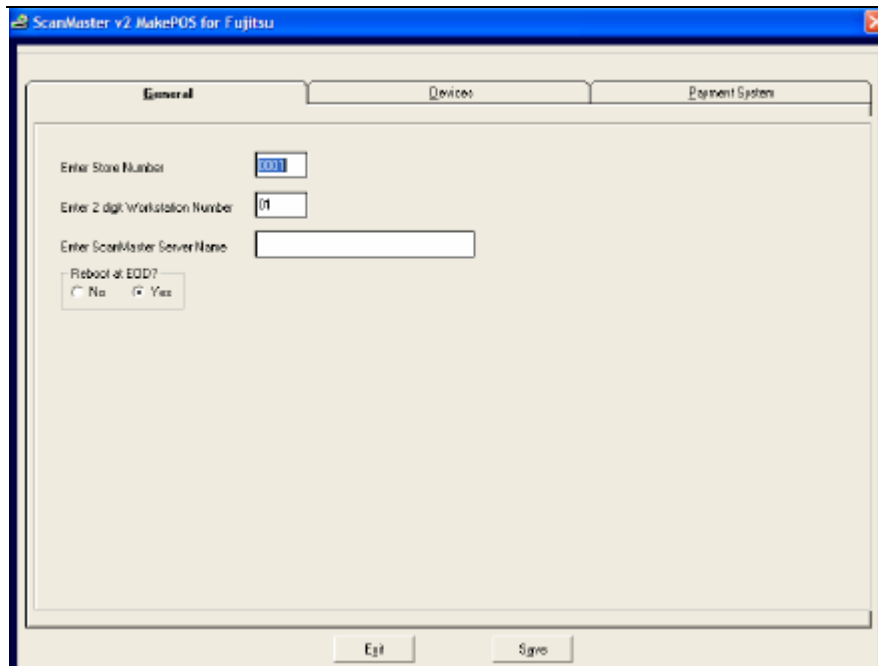
## ScanMaster 2.05.00

### Full Installation ScanMaster 2.05.00 on the PoS Workstation

Follow this procedure for all ScanMaster PoS Workstations. This section assumes that the prerequisite software has been installed and the ScanMaster server's shared drive has been mapped as drive F: on the PoS Workstation.

1. At the PoS workstation, press the Start  key on the keyboard.
  2. Press **<R>** for Run.
  3. Type the following path: **F:\WinReg\Install\Setup.exe**.
  4. Press **Enter** for **OK** to run the setup executable.  
*The Installation Wizard Welcome window displays.*
  5. Press **Enter** for **Next** to continue.  
*The Setup Type window displays.*
  6. Select **New Installation** and press **Enter** for **Next** to continue.  
*The Register Number window displays.*
  7. Enter the register number and Press **Enter** for **Next**.
  8. If installing to an NCR terminal, the question "Does this POS have a DVI DynaKey Attached?" appears. Select appropriate response and press **Enter** for **Next** to continue.  
*The Start Copying Files window displays.*
  9. Review the information to ensure that it matches your configuration and Press **Enter** for **Next**.  
*After the files are copied, the ScanMaster MakePOS window appears with a warning about COM Port settings.*
- Note:** Make sure you do not use the same COM Port below for different devices. In addition, some of the field availability is dependent on other settings on the screen.
10. Press **Enter** for **OK** to clear the message.

**Note:** After each of the following steps (11 through 42), move to the next field and step by using the Tab or Enter keys. Move to the next "tab" by clicking on the appropriate tab with a mouse, or selecting the tab by holding down the ALT key and the appropriate hotkey for the tab.

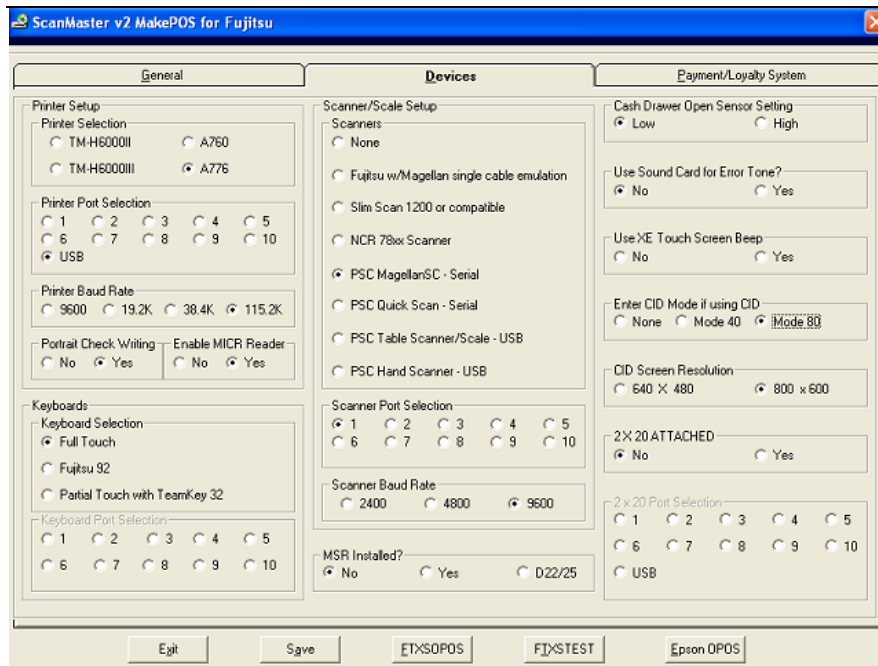


11. Enter the Store Number.
12. Enter the 2-digit Workstation Number.
13. Enter the ScanMaster Server Name or accept the default.

**Note:** Select a specific Radio-button option without a mouse by using the up/down or left/right arrow keys. Once a selection is made, use the TAB button to move to the next step, or set of options.

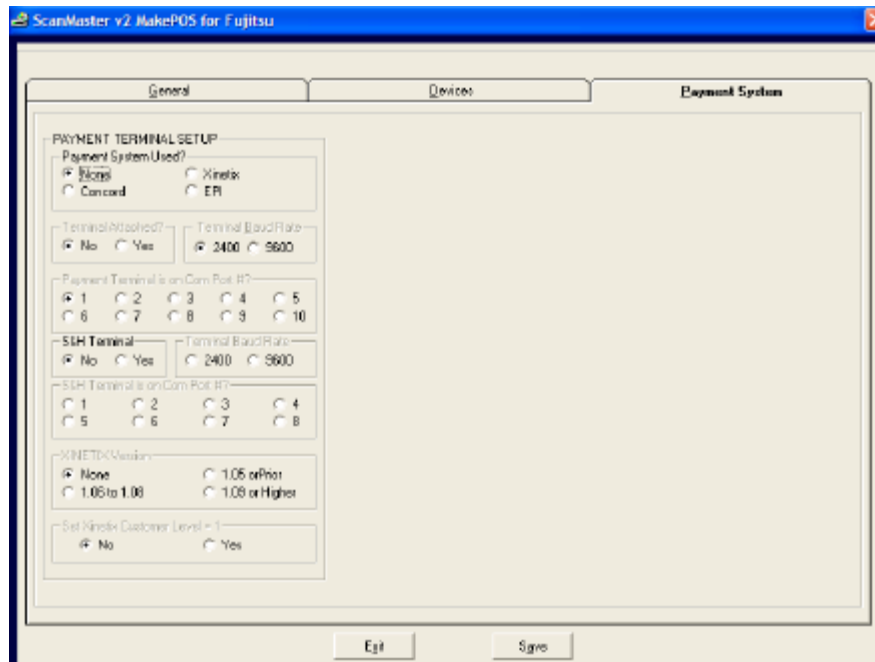
*If installing to NCR hardware refer to Appendix D for steps.*

14. Select whether to reboot the workstation after end-of-day processing. Change the selection by using the arrow keys, or selecting with the mouse.
15. Change to the “Devices” tab by holding down the ALT key and tapping the “D” key, or selecting with the mouse.



16. Select the workstation's printer type.
17. Select the printer's COM Port.
18. Select the printer's Baud Rate.
19. Select whether Portrait Check Writing is being used.
20. Select whether to enable MICR (Magnetic Ink Character Recognition) on the printer.
21. Select the workstation's keyboard type.
22. If 92M or Partial touch with TeamKey is selected, then select if the Keyboard MSR is installed.
23. If 92M keyboard is selected, then select the keyboard's COM Port.
24. Select the type of Scanner/Scale being used.
25. If a scanner/scale other than "None" is selected then select the Scanner/Scale's COM Port.
26. If a scanner/scale other than "None" is selected then select the Scanner/Scale's Baud Rate.
27. Select the cash drawer open sensor setting for normally low or high.
28. Select whether the workstation's sound card will be used for error tones.
29. Select the Customer Information Display (CID) mode being used (Mode 40 = 40 Columns, Mode 80 = 80 Columns).

30. Select the CID Screen Resolution.
31. Select whether a 2x20 Customer Display is attached.
32. If 2x20 is attached, select the COM Port it is attached to.
33. Change to the “Payment System” tab by holding down the ALT key and tapping the “P” key, or selecting with the mouse.



34. Select the workstation’s payment system.  
*If “None” is selected skip to step 37*
35. Select whether the payment terminal is attached.
36. Select the baud rate of the payment terminal.
37. Select the COM Port of the payment terminal.
38. Select whether an S&H Greenpoints System is attached.  
*If “S&H Terminal is set to “No” skip to step 40*
39. Select the Baud Rate for the S&H terminal.
40. Select the COM Port of the S&H terminal.
41. If XINETIX is used, select the version being used.
42. If XINETIX is used, select whether or not to set the Customer Level to 1.
43. When finished, Click **Save** (or press <ALT><A>).

---

*A message box displays saying “Are you sure you want to add the information ... to the registry?”*

44. Press **Enter** for Yes.

*A message box displays confirming that the information has been successfully entered into the registry.*

45. Press **Enter** for OK.

*The PoS workstation reboots.*

46. If installing a Fujitsu register with full touch, after rebooting the system will prompt “Is the Touch Screen a D15”. Press **Y** to accept Yes, or press **N** to select No.

If this prompt does not appear, or if No is selected the installation is complete.

#### Setup 3M TouchWare driver to work with ScanMaster PoS

47. The TouchWare Properties window displays.

**Note: If at any time the Point of Sale appears before the TouchWare setup is completed, use “Alt-Tab” to return the “TouchWare Properties” screen to the foreground.**

48. Press Alt-C to activate the **Calibrate** button.

49. Touch and hold the touch point displayed on the bottom left of the screen until it says “Touch Enable”. Repeat on the touch point on the top right.

50. Wait for the “Calibration Complete” screen to appear, and then drag your finger around the screen and insure that the cursor follows properly. If correct click or touch the **Complete** button. To correct the calibration, click the **Calibrate** button and repeat the last two steps.

51. Touch the **Touch Settings** tab.

52. Touch the **Drawing** button in the Touch Mode section at the top of the screen.

53. Touch the **Beep** button in the Touch Sound section in the middle right of the screen, and the text below the button should change to “System Beep on touchdown”

54. Touch the **Tools** tab.

55. Touch the **Options** button.

56. Change the slider control for Frequency to approximately 800 Hz (right and left arrow keys are more accurate than using the mouse).

57. Change the slider control for Duration to 100 ms.


58. Touch **Close**.

59. Touch **Close**.

**THIS CONCLUDES THE POS WORKSTATION INSTALLATION SECTION.  
REPEAT THE ENTIRE SERIES OF STEPS FOR EACH POS WORKSTATION!!**

## Upgrading ScanMaster 2.05.00 on the PoS Workstations

Follow this procedure for all ScanMaster PoS Workstations.

1. Exit from the PoS software.
2. At the PoS Workstation, press the Start  key on the keyboard.
3. Press <R> for Run.
4. Type the following path: **F:\WinReg\Install\Setup.exe**.
5. Press **Enter** for **OK** to run the setup executable.  
*The Installation Wizard Welcome window displays.*
6. Press **Enter** for **Next** to continue.  
*The Setup Type window displays.*
7. Confirm the appropriate setup type for your upgrade. Use the arrow keys to change the highlighted choice.
8. Press **Enter** for **Next** to accept.
9. If installing to an NCR terminal, the question “Does this POS have a DVI DynaKey Attached?” appears. Select appropriate response and press **Enter** for **Next** to continue.  
*The Start Copying Files window displays.*
10. Review the information to ensure that it matches your configuration and press **Enter** for **Next**.  
*After the files are copied, the “Question” window displays asking whether hardware has changed.*
11. Select appropriate response to hardware change question. Press **Y** for “Yes”, or **N** for “No”. If “Yes” is selected complete steps (11 through 43) in the Workstation Installation section above.

*If this is the first register to be upgraded, the ScanMaster v2.05.00 Register File Conversion Utility appears, with a message box stating that it is recommended that all Server and B/O workstation applications including the EJ processor are closed during the conversion.*

*If this is not the first register to be upgraded, skip to step 16.*

12. After shutting down ScanMaster on all backoffice machines, including the EJ processor, press **Enter** to accept Ok.

*If this is an upgrade from a version v2.01.00 or greater, skip to step 16.*

*The conversion utility will read each of the files necessary to convert, and display the number of records currently in the files.*

13. Press Alt-P to activate the **Process** button
14. After the conversion is complete, press **Alt-X** to activate the **Exit** button
15. After reviewing the Register Conversion log, close it by pressing **Alt-F4**.

*A Registry Editor Message box appears which says “Are you sure you want to add the information to the registry?”*

16. Press **Enter** to accept Yes.
17. Press **Enter** to accept Ok.
18. The installation is now complete.

*The PoS workstation reboots.*

**Note:** Once rebooted, the PoS Workstation comes up in “Offline Mode”. You may now move a cashier to this lane and move to another PoS Workstation to upgrade.

**THIS CONCLUDES THE POS WORKSTATION UPGRADE SECTION. REPEAT THE ENTIRE SERIES OF STEPS FOR EACH POS WORKSTATION!!**

**Note:** After all PoS Workstations have been upgraded, install Pervasive Server Engine on the ScanMaster server, and begin the ScanMaster Server upgrade.

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## Uninstalling ScanMaster on the Server and Back Office Workstations

To completely uninstall ScanMaster, manual operations are required both before and after using the Windows' Add or Remove Programs function. The following details the steps required to totally uninstall ScanMaster from a system.

1. If the EJ Processor or ESL Monitor is running on the Server or Back Office computers double click the application icon on the taskbar and click on the appropriate button to stop the tray application(s).
2. If the Connected Services StartASP application is in the taskbar, use the Windows Task Manager to End Task on the StartASP.
3. Remove ScanMaster created users: On each PC run  
<Def Drive>:\Grocery\Makeuser /REMOVE.
4. Remove Hasp and ESL Services - V1.3.x and above - On the Server PC run:  
<Def Drive>:\Grocery\Smwssvc -u  
<Def Drive>:\Grocery\Smwelsvc -u

ScanMaster v2.01.02 and above - On the Server PC run:

<Def Drive>:\Grocery\Sm2sssvc -u

<Def Drive>:\Grocery\Sm2elsvc -u

If the Crypkey service is still running on the Server, run:

<Def Drive>:\Grocery\setupex -u

(Do not reboot until the entire uninstall is completed).

5. If ScanMaster FM is installed, run one of the following from  
<Def Drive>:\Grocery on the PC with the FM service installed (depending on whether this is a [V1] or [V2] installation).

Telxon

[V1] FMTelxon.exe -u

[V2] Sm2fmtel.exe -u

Norand

[V1] FMNorand.exe -u

[V2] Sm2fmmor.exe -u

Symbol

[V1] FMAnsi.exe -u

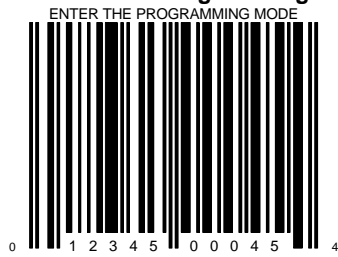
[V2] Sm2fmans.exe -u

6. Under **Start ? Settings ? Control Panel ? Add or Remove Programs**, select each ScanMaster entry (**ScanMaster ASP**, **ScanMaster Register Installation Package**, **ScanMasterFM(V1)** or **RetalixMobilFM(V2)**, **ScanMaster**, etc.) and select **Remove**. Remove the main "ScanMaster" entry last. Entries that have "Register Install for v1.xx.xx" will not uninstall the register installation on the <LAN Drive>. These installation files will be removed in step 9. If you wish to remove these entries from the Add/Remove screen, use REGEDIT and look for these entries under HKLM\Software\Microsoft\Windows\Current Version\Uninstall. Open the folders with the long GUID numbers until you find the Register install entries listed on the Add/Remove screen and delete these keys. **Always use caution when editing/deleting registry entries!**
7. On ScanMaster V2 installs (v2.01.00 and higher) - Select to remove the Pervasive installs (Pervasive System Analyzer first, then Pervasive SQL).
8. If this is a typical install, disconnect the mapped F: drive. If a custom install, then delete the SCAN1DOS share on the physical drive. **When uninstalling a BackOffice PC, only delete folders local to that PC.**
9. If only uninstalling or removing a Back Office Workstation, manually remove the machine name from <LAN Drive>:\Grocery\Boff.tbl.
10. Using Windows Explorer, manually delete all of the ScanMaster created folders. Depending on whether it is a V1 or V2 install and system usage, some of the folders listed below may not be present:
  - Btrieve
  - CID
  - Docs
  - Grocery
  - History
  - Journal
  - Regfiles
  - Scan1Dos (If typical installation)
  - Till
  - Update
11. If this is a custom install, delete the same folders on the <LAN Drive>.
12. Delete any Patch install folders as well as the WinReg and/or Reginstl folders if present.

## Appendix A – Configuring Fujitsu Scanner/Scales

### Configuring the Fujitsu Symphony 9900 Scanner/Scale

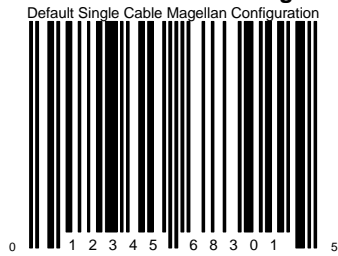
1. Scan the **Enter Programming Mode** tag.



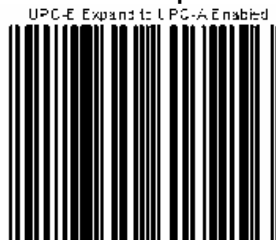
2. Scan the **Restore All Defaults** tag



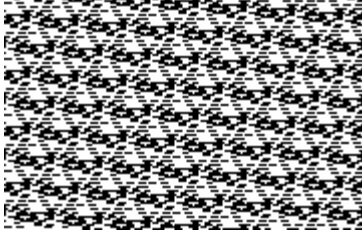
3. Scan the **Default Cable Magellan Configuration** Tag.



4. Scan the **UPC-E Expanded To UPC-A Enabled** Tag.



5. Scan the **Weight Data Received Good Beep Enabled** Tag.



6. Scan the **Exit Save and Reset** Tag



## Configuring the Fujitsu SlimScan 1200 Scanner

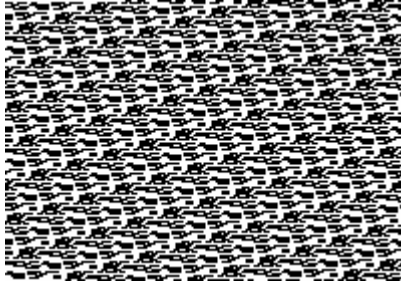
1. Scan the **Enter Programming Mode** tag.



2. Scan the **Restore All Defaults** tag



3. Scan the **UPC E Expanded To UPCA Enabled** Tag.



4. Scan the **Exit Save and Reset** Tag



**Note:** All NCR Scanner/Scales must be programmed for Magellan Single-Cable Emulation.

---

## Appendix B - Building the ScanMaster database manually in Pervasive SQL

This process is done as part of the normal installation of ScanMaster 2.05.00, and is necessary only if the SQL Database connection is incorrect, or otherwise needs to be redone.

1. From the Task Bar, click Start→Programs→Pervasive.SQL V8→Control Center.  
*The Pervasive Control Center will display.*
2. Click the “+” next to Pervasive.SQL Engines.
3. Click the “+” next to SERVER.
4. Click the “+” next to Databases.
5. If ScanMaster database name does not display, right click on Databases and select “New Database”.  
*The Create Database Wizard begins and the Specify Database Information screen displays.*
6. In the Name field, type **ScanMaster**.
7. In the Directory field type **F:\Grocery\Files**, or select this directory using the browse button.
8. Check Use advanced Settings checkbox only.
9. Click **Next**.  
*The Specify Advanced Database Options screen displays.*
10. Do not change the defaults shown in the first three fields but edit the fourth field, the Database Name field, with ScanMaster.
11. Click **Next**.  
*The Completing Create Database Wizard screen displays.*
12. Click **Finish**.  
*You will be notified that the ScanMaster database was created successfully.*
13. Click **Close**.

---

## Appendix C - Disk Mirroring

The Disk Mirroring option uses a back-up hard drive in the event the primary hard drive fails. This backup security measure is **highly recommended** to minimize downtime in the event of a hard drive failure. An additional hard drive that is at least the size of the primary disk being mirrored must first be installed in the file server. Follow the hard drive manufacturer's installation instructions.

Disk mirroring is recommended for the ScanMaster Server only.

**For SCSI drives, be sure that jumpers are set to uniquely identify each SCSI device, i.e.: Device #3, Device #4. The first bootable device is always device #0. The controller card is always device #7. For IDE drives sharing the same controller cable, be very careful to set up the original primary hard disk as the "Master" drive in an IDE "Master-Slave" relationship. The second hard drive is known as the "Slave drive".**

**Failure to properly define these relationships can lead to drive failure. Check the hard drive manufacturer instructions. If the manuals are not readily accessible, these settings are often available in the Support or Technical Specifications areas of the manufacturer's web site.**

### Setting Up Disk Mirroring in Windows NT

Follow the steps below to set up Disk Mirroring on the system:

1. From the Windows NT Server Task Bar, click on Start → Programs → Administrative Tools → Disk Administrator to display the Disk Administrator dialog box.
2. Click on the partition to mirror. A border surrounds the selection.

**Note:** Drive #0 and Drive #1 hard drives display. Partitions display on the primary hard drive, while the secondary hard drive displays as empty space. If drive #1 doesn't display free space, delete the partition. You can not mirror a drive until drive #1 is all free space.

**Deletion of a partition erases all data in the partition area. Be sure to have a backup of any data you want to save that might be stored in the partition area to be deleted.**

3. Hold down the **CTRL** Key and click on the empty space of the secondary hard drive to highlight the border around the target partition.
4. From the Disk Administrator menu bar, **click Fault Tolerance ® Establish Mirror.**

*After a series of prompts, the server restarts*

5. Login as Administrator.

## Setting Up Disk Mirroring in Windows 2000

1. Start → Programs → Administrative Tools → Computer Management.
2. Right-click on the unallocated space on one of the disks where you want to create the mirrored volume and select **Create Volume** from the pop-up menu.  
*The Create Volume wizard displays.*
3. Follow the instructions and prompts that display in the windows.
4. Click **Finish** when you have completed mirroring the disks.

### If the Primary Hard Drive Fails

Follow the steps below if the primary hard drive fails:

34. A message box displays indicating one of the hard disks have failed. Click OK. Check the event viewer (system log) for more info about which drive had failed.

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35. From the NT Server Task Bar, click on **Start** ® **Programs** ® **Administrative Tools** ® **Disk Administrator** to display the Disk Administrator dialog box.

From the Windows 2000 or XP task bar, click on **Start** ® **Programs** ® **Administrative Tools** ® **Computer Management**. Select **Disk Management** from the Tree.

36. Identify the hard drive that has failed. If it is the primary hard drive, shut down and power off the system.
37. Remove the outer cabinet of the File Server and remove the damaged primary hard drive.
38. Change the secondary hard drive (the mirror drive) to the primary drive.
39. Install a replacement mirror drive for the secondary drive.

**For SCSI drives, be sure the new drive is uniquely identified with its own device number. For IDE drives sharing the same controller cable, be sure to properly re-set the Jumper pin settings on each hard drive unit to define the proper "Master-Slave" relationship. Set up the primary drive as "Master" and the secondary drive as "Slave".**

40. In Windows NT, assign drive letters using **Disk Administrator** ® **Tools** ® **Assign Drive Letter**. Do not assign a drive letter for a mirrored drive.

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In Windows 2000, assign drive letters using **Computer Management** ® **Disk Management**. Right-click on the primary drive and select **Change Drive Letter and Path...** Do not assign a drive letter to the mirrored drive.

41. Perform the **Setting Up Mirror Drive** procedure documented earlier in this section.

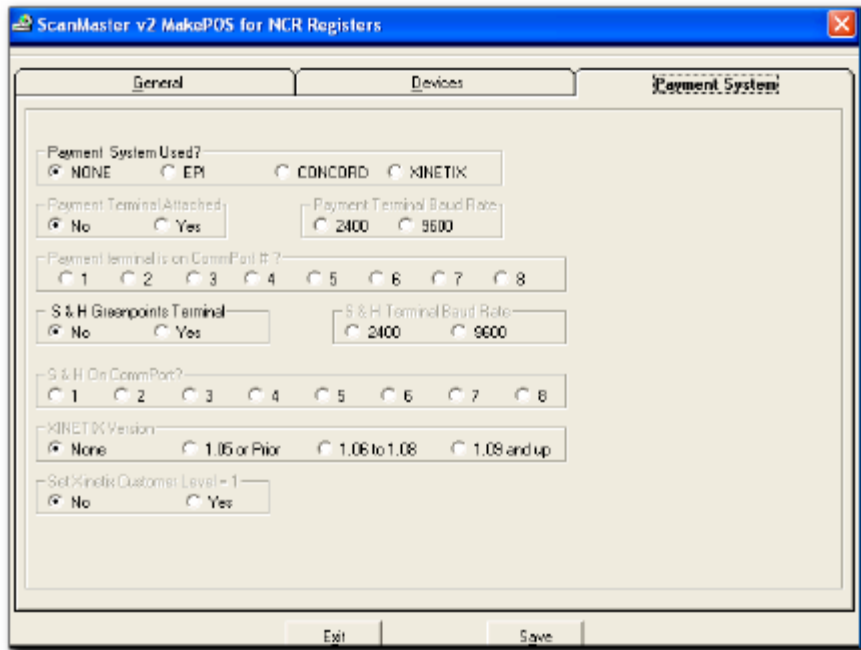
## Appendix D - Configuring NCR Hardware using MakePOS

This process is used in place of steps 15 through 42 in the PoS Workstation Installation when installing with NCR hardware.

1. Change to the “Devices” tab by holding down the ALT key and tapping the “D” key, or selecting with the mouse.

2. Select the CID mode.
3. Select whether the operator display is Black/White or Color.
4. If the CID mode was set other than none select the CID Screen Resolution.
5. Select whether Portrait Check Writing is being used.
6. Select whether a DynaKey is used, and whether that DynaKey is a 12.1/DVI.
7. Select the Scanner Type. If “None” is selected skip to step xx.
8. Select the baud rate for the scanner.
9. Select the COM Port to which the scanner is connected.
10. Select whether or not the 4100 scale is being used.
11. If 4100 is selected, then select the scale’s COM Port.
12. Select whether or not the 2010 Coin Dispenser is being used.
13. If 2010 is selected, then select the dispenser’s COM Port.

14. If CID mode is set to “None” then select whether a 2x20 Customer Display is attached.
15. Select whether to enable MICR (Magnetic Ink Character Recognition) on the printer.
16. Select whether Portrait Check Writing is being used.
17. Change to the “Payment System” tab by holding down the ALT key and tapping the “P” key, or selecting with the mouse.



18. Select the workstation’s payment system.  
*If “None” is selected skip to step 37*
19. Select whether the payment terminal is attached.
20. Select the baud rate of the payment terminal.
21. Select the COM Port of the payment terminal.
22. Select whether an S&H Greenpoints System is attached.  
*If “S&H Terminal is set to “No” skip to step 40*
23. Select the Baud Rate for the S&H terminal.
24. Select the COM Port of the S&H terminal.
25. If XINETIX is used, select the version being used.
26. If XINETIX is used, select whether or not to set the Customer Level to 1.

27. When finished, Click **Save** (or press **<ALT><A>**).

*A message box displays saying “Are you sure you want to add the information ... to the registry?”*

28. Press **Enter** for Yes.

*A message box displays confirming that the information has been successfully entered into the registry.*





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## Introduction

This document contains the steps necessary to install ScanMaster 2.05.00-050 on a U-Scan system. Including instructions for installing Pervasive 8.6 or 9.5 and various OPOS components.

## General Steps for Install ScanMaster on a U-Scan unit

1. Install Pervasive version 8.6 or 9.5 Workstation
2. Install required OPOS Components (including the new Common Control Objects)
3. Install ScanMaster for U-Scan
4. Install U-Scan software (Following U-Scan software installation documentation)

## Installing Pervasive v 8.6 or 9.5 Workstation on the U-Scan Unit

**Note:** This installation assumes you have a CD-ROM Drive in the POS Workstation. If you do not, you can run the installation over the network using the server's CD ROM Drive.

1. At the back office workstation, insert the CD labeled V8 or V9 Workgroup Engine into the CD-ROM drive.

**Note:** If the Autorun program starts, skip to step 10.

2. Press the Start key on the keyboard.
3. Press <R> for Run.
4. Press <ALT><B> 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 first folder on the CD is highlighted.
8. Press the Arrow Down key, highlight **Setup** and press **Enter**.  
(**Select AUTORUN.EXE for v9.5**)
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.

*The Setup Type Screen Displays.*

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

*The Verification Window displays.*

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

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

**Note: If JRE not found dialog box appears Select YES to continue.**

14. Press **Enter** for **Finish**.

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

15. Press **Enter** for **Next**.

*The Test Results will appear.*

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

*The Relational Engine Test Screen appears.*

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

*The Test Results will appear.*

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

19. Press **Enter** for **Finish**.

## OPOS Installation

### Installation Preparation

**Note:** You should have already followed the steps outlined in the ScanMaster 2.05.00-050 Installation and Upgrade Notes. PDF located on the 2.05.00-050 CD in \common\docs to connect your workstation to the network.

**Note:** Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.05.00-050 Install CD to the hard drive of your workstation. Make sure folder is NOT read-only after copying. (You should have previously mapped a drive to the server's CD-ROM drive – typically G:).

## OPOS Common Control (RCS)

1. Login to the USCAN as the Administrator. (Password: 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 workstation 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 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)
- Keylock 133PQ
- LineDisplay1\_VF40\_VF50 (Serial)

- MSR 133PQ
- POSKeyboard\_133PQ
- Scanner\_SS1200
- ScannerScale\_Symphony\_9950
- ToneIndicator 133PQ

**Note:** If using a 92M Keyboard, select “POSKeyboard\_92R\_92M\_92U (Serial).”

*If using a 92U Keyboard, select “POSKeyboard\_92U (USB).”*

9) Click **NEXT**.

*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)

*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)
- 29) *If 92M* Click **NEXT**. (ICL92RKeyboard)
- 30) *If 92M* Click **NEXT**. (ICL92Operator)
- 31) *If 92M* Click **NEXT**. (ICL92RKeylock)
- 32) *If 92M* Click **NEXT**. (ICL92RTone)
- 33) *If 92M* Click **NEXT**. (ICL92RMSR)

*The InstallShield Wizard Complete window displays.*

- 34) Click **FINISH**.

## Epson OPOS (For Installations w/ Epson Printers)

**Note:** Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.04.01 Install CD to the hard drive of your workstation. (You should have previously mapped a drive a drive to server's CD-ROM drive – typically G:).

**Note:** If you upgrading an existing Epson OPOS, Uninstall Epson OPOS ADK from Add/Remove Programs in Windows Control Panel before continuing.

1. Login to the workstation as the Administrator.
2. Using Windows Explorer, browse to the \DRIVERS\EpsonOPOS\OPOSADK\V250E\DISK1 folder.
3. Double-click **SETUP.EXE** to launch the installation procedure.

*The Welcome Screen displays.*

4. Click **Next**.

*The Licensing Screen displays.*

5. Select the first radio button “I accept” and click **Next**.

*A confirmation screen displays.*

6. Click **Yes**.

*The Select Registry File screen displays.*

7. Select the first radio button “No registry file” and click **Next**.  
*The User Information Screen displays.*
8. Fill in the Name and Company Information and click **Next**.  
*The Destination Location Screen displays.*
9. Use the default location and click **Next**.  
*The Select Install Module displays.*
10. Check (click) all three packages and click **Next**.  
*The Select CO Type screen displays.*
11. Check (click) CCO (Common Control Object) and click **Next**.  
*The Install Type screen displays.*
12. Select **Full Install** and click **Next**.  
*The Select Program Folder screen displays.*
13. Accept the default and click **Next**.  
*The Start Copying Files screen displays.*
14. Click **Next**.  
*After file loading the Setup complete screen displays.*
15. Click **Finish**.
16. Close the readme windows.  
*The “Do you want to Install TMUSB driver?” question appears.*  
**Note:** If you are installing an Epson Printer (USB) select **YES**. (*TeamPoS 3000 Models Only*)  
  
If you are installing an Epson Printer (Serial) select **NO**.  
*The “Do you use Parallel I/F?” question appears.*
17. Click **No**.
18. Close the Windows Explorer Window.
19. Using Windows Explorer, browse to the  
    \DRIVERS\EpsonOPOS\OPOSADK\V250E\SP6\disk1 folder.
20. Double-click **SETUP.EXE** to launch the installation procedure.  
*The Welcome Screen displays.*
21. Click **Next**.  
*The Licensing Screen displays.*
22. Select the first radio button “I accept” and click **Next**.

*A confirmation screen displays.*

23. Click **Yes**.

*The Select Registry File screen displays.*

24. Select the first radio button “No registry file” and click **Next**.

*The Select Install Module displays.*

25. Click **Next**.

*The Start Copying Files screen displays.*

26. Click **Next**.

*After file loading the Setup complete screen displays.*

27. Click **Finish**.

28. Close the readme windows.

*The “Do you want to Install TMUSB driver?” question appears.*

**Note:** If you are installing an Epson Printer (USB) select **YES**. (*TeamPoS 3000 Models Only*)

If you are installing an Epson Printer (Serial) select **NO**.

*The “Do you use Parallel I/F?” question appears.*

29. Click **No**.

30. Close the Windows Explorer Window.

*The OPOS Device Screen appears.*

31. Right-click **POSPrinter** and select “Add new device”.

*The Add New Device Screen appears.*

32. Select the device name (**TM-H6000II** or **TM-H6000III**) of your Epson printer and enter the name of “**DefaultPrinter**” (no spaces) in the Add New LDN field at the bottom of the screen.

**Note:** If using a USB Printer, select **TM-H6000IIU** or **TM-H6000IIIU** in the Select detailed Model field at

the top right of the screen. The used port should display USB.

33. Click **Next**.

**Note:** If a SetupPOS window displays stating “This setting may cause a port conflict if the device is not set up properly.” Click **OK**.

*The Communication Settings Screen appears.*

**Note:** If USB port is being used, Click on **Auto Settings** and accept detected port.

34. Configure your printer's port setting and click **Finish**.

*When finished the OPOS Device Screen appears.*

35. Right-click **MICR** and select "Add new device".

*The Add New Device Screen appears.*

36. Select the device name (**TM-H6000II** or **TM-H6000III**) for your Epson MICR and enter the name of "**DefaultMICR**" (no spaces) in the Add New LDN field at the bottom of the screen.

**Note:** If using a USB Printer, select **TM-H6000IIU** or **TM-H6000IIIU** in the Select detailed Model field at the top right of the screen. The used port should display USB.

37. Click **Next**.

**Note:** If a SetupPOS window displays stating "This setting may cause a port conflict if the device is not set up properly." Click **OK**.

*The Communication Settings Screen appears.*

**Note:** If USB port is being used, Click on **Auto Settings** and accept detected port.

38. Configure your MICR port setting and click **Finish**.

*When finished the OPOS Device Screen appears.*

39. Right-click **CashDrawer** and select "Add new device".

*The Add New Device Screen appears.*

40. Select the device name (**Multi\_A**) for your Cash Drawer and enter the name of "**DefaultDrawer**" in the Add New LDN field at the bottom of the screen.

**Note:** If using a USB Printer, Select **Multi\_AU** in the Select detailed Model field at the top right of the screen. The used port should display USB.

41. Click **Next**.

*The Communication Settings Screen appears.*

**Note:** If USB port is being used, Click on **Auto Settings** and accept detected port.

42. Configure your Cash Drawer's port setting to the same as your printer in step 23 and click **Finish**.

43. Click **OK** to the warning message.

*When finished the OPOS Device Screen appears.*

44. Close the Epson OPOS Window.

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

**Note:** Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.04.01 Install CD to the hard drive of your workstation. (You should have previously mapped a drive to server's CD-ROM drive – typically G:).

1. Login to the workstation as the Administrator.
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.  
*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 DLLRestgisterServer in tpg.dll succeeded.*
7. Click **OK**.  
*Window displays stating oposposprinter.ocx succeeded.*
8. Click **OK**.  
*Window displays stating oposcasherdrawer.ocx succeeded.*
9. Click **OK**.  
*Window displays stating oposmicr.ocx succeeded.*
10. Click **OK**.  
*The TPG OPOS Printer is installed.*

**Note:** The configuration portion of the TPG Printer is handled by the ScanMaster PoS Workstation installation.

### TPG USB Printer Driver Installation

**Note:** In addition to OPOS Installation, the TPG USB Printer must have the Windows driver installed.

1. Power the Register **off**.
2. Plug in the TPG USB Printer into the red 24v USB port on the register and Start up.

Windows will discover the new device and attempt to install. The Hardware Update Wizard screen displays.

“Can Windows connect to Windows Update” question appears.

3. Select “No. Not this time” and Click **NEXT**.

“What do you want the wizard to do?” question appears.

1. Select “Install from a list or specific location (Advanced)” and Click **NEXT**.

The search and installation option screen displays.

2. Select (check) “Include this location in the search” and Click **Browse**.

3. Path to C:\Drivers\TPG OPOS and 776 USB Driver and Click **NEXT**.

A Hardware Installation warning displays.

7. Click **Continue Anyway**.

Windows will install the Printer

8. Click **Finish**.

## Install ScanMaster U-Scan Software on the U-Scan Terminal

1. Insert CD into the ScanMaster Server and from the Uscan\UscanToServer folder run setup.exe. This will create LanDrive\U-SCAN\Install folder.
2. Login on the USCAN as robot. Password is robot.
3. From the Robot, Map F: drive.
4. Run setup.exe from F:\U-SCAN\Install\Setup.exe.

*Welcome screen displays*

5. Click **Next**.

*Setup Type screen displays*

6. Click **Next**.

*Enter Register Number screen displays*

7. Enter **Register Number** and click **Next**.

*Start Copying Files screen displays*

8. Click **Next**.

*ScanMaster U-SCAN Install Utility screen displays.*

9. Set up devices and comports appropriate to systems configuration and click **Save**.

Registry Editor window displays. "Are you sure you want to add the information in C:\grocery\V8Wrkstn.reg to the registry?" (for 9.5 it is V9Wrkstn.reg)

10. Click **Yes**.

*Registry Editor window displays. "Information in C:\V8Wrkstn.reg has been successfully entered into the Registry."*

11. Click **OK**.

*Install shield Wizard Complete screen displays. "Yes, I want to restart my computer now."*

12. Click **Finish**.

## Installation of the U-Scan Software – Follow U-SCAN Documentation

### Copy ScanMaster Icon to the Startup Menu

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

**NOTE: Remember to do the appropriate setup if using MTX OpenEPS and update the control files on the lane before trying to sign-on and run transactions.**

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# Introduction

This document contains the steps necessary to upgrade to ScanMaster 2.05.00-050 on a U-Scan system.

## OPOS Installation

### Installation Preparation

**Note:** You should have already followed the steps outlined in the ScanMaster 2.05.00-050 Installation and Upgrade Notes. PDF located on the 2.05.00-050 CD in \common\docs to connect your workstation to the network.

**Note:** Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.05.00-050 Install CD to the hard drive of your workstation. Make sure folder is NOT read-only. (You should have previously mapped a drive to the server's CD-ROM drive – typically G:).

## OPOS Common Control (RCS)

### Stop the Robot and shutdown ScanMaster application

1. Login to the workstation 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 workstation 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 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)
- Keylock 133PQ
- LineDisplay1\_VF40\_VF50 (Serial)
- MSR 133PQ
- POSKeyboard\_133PQ
- Scanner\_SS1200
- ScannerScale\_Symphony\_9950
- ToneIndicator 133PQ

**Note:** If using a 92M Keyboard, select “POSKeyboard\_92R\_92M\_92U (Serial).

*If using a 92U Keyboard, select “POSKeyboard\_92U (USB).*

9) Click **NEXT**.

*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)

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

20) Click **NO**.

21) Click **NEXT**. (fjkbds)

- 22) Click **NEXT**. (fjklkso)
- 23) Click **NEXT**. (fjmsrso)
- 24) Click **NEXT**. (FJPosKBTone)
- 25) Click **NEXT**. (SlimScan1200)
- 26) Click **NEXT**. (Fujitsu7521E\_S)
- 27) Click **NEXT**. (Fujitsu7521E\_S\_Scale)
- 28) Click **NEXT**. (fjvfdso)
- 29) *If 92M* Click **NEXT**. (ICL92RKeyboard)
- 30) *If 92M* Click **NEXT**. (ICL92Operator)
- 31) *If 92M* Click **NEXT**. (ICL92RKeylock)
- 32) *If 92M* Click **NEXT**. (ICL92RTone)
- 33) *If 92M* Click **NEXT**. (ICL92RMSR)

*The Install Shield Wizard Complete window displays.*

- 34) Click **FINISH**.

## Upgrading The ScanMaster Software on the U-Scan

1. Insert the ScanMaster **2.05.00-050** CD into the ScanMaster **Server** and from the \UScan\UScanToServer folder run setup.exe.

*Welcome screen displays*

2. Click **Next**

*Upgrade is installed to the Landrive:\UScan folder*

3. Login on USCAN as robot, password is robot. On the Robot, Run setup.exe from Landrive:\USCAN\Install\Setup.exe.

*Welcome screen displays*

4. Click **Next**.

*Setup Type screen displays*

5. Select **Upgrade**
6. Click **Next**.

*The Setup Validation Screen displays*

7. Click **Next**

*The Message "Make Sure Comport selections are not duplicated." Displays.*

8. Click **OK**

*The MakeUSCN Screen Displays*

9. Click **Save** to save changes or **Exit** to save without making changes.

*The Message "Are you sure you want to add the information into c:\grocery\v8wrkstn.reg to the registry?" displays. (or v9wrkstn.reg for 9.5 install))*

10. Click **Yes**

*The Message "Information in c:\grocery\v8wrkstn.reg has been successfully entered into the registry." Displays. (or v9wrkstn.reg for 9.5 install)*

11. Click **OK**
12. Click **Finish**

# **ScanMaster 2.05.00 -050 (TeamPoS 2000 Upgrade)**

*Notes: ScanMaster version 2.04.01 -050 and higher requires that a few extra software components be installed ON EACH REGISTER prior to upgrading than previous ScanMaster versions required.*

*If the site was previously upgraded to 2.04.01-050 the following steps for installing OPOS can be skipped. Proceed with ScanMaster 2.05.00-050 Upgrade.*

*These NECESSARY components include:*

- *Common Control OPOS*
- *FTXS Fujitsu OPOS*

*These apply according to configuration:*

- *MTX (MicroTrax (WinEPS/Open EPS) Version 822 SP1)*
- *Epson OPOS*
- *TPG OPOS*
- *PSC OPOS*

*\*For detailed instructions on upgrading ScanMaster, Epson OPOS and TPG OPOS please refer to 'ScanMaster 2.04.01-050 Installation and Upgrade Notes.PDF' on the ScanMaster 2.04.01-050 installation CD..*

*\*\* For detailed instructions on installing PSC OPOS please refer to the 'ScanMaster PSC ScannerScale Install and Setup.PDF' on the ScanMaster 2.05.00 -050 installation CD.*

# OPOS Installation

## Installation Preparation

**\*Note: Before beginning the OPOS installation below, you must first copy the \DRIVERS folder from the ScanMaster 2.05.00 Install CD to the hard drive of your workstation**

## OPOS Common Control (RCS)

1. Login to the workstation as the Administrator.
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 workstation 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 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)
- Keylock 133PQ
- LineDisplay1\_VF40\_VF50 (Serial)
- MSR 133PQ
- POSKeyboard\_133PQ
- Scanner\_SS1200
- ScannerScale\_Symphony\_9950
- ToneIndicator 133PQ

**Note:** *If using a 92M Keyboard, select "POSKeyboard\_92R\_92M\_92U (Serial).*

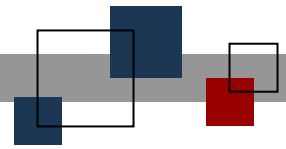
*If using a 92U Keyboard, select "POSKeyboard\_92U (USB).*

9. Click **Next**.

*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)  
*Would you like to change secondary cash drawer settings question displays.*
20. Click **NO**.
21. Click **NEXT**. (fjkbds0)
22. Click **NEXT**. (fjklks0)
23. Click **NEXT**. (fjmsrs0)
24. Click **NEXT**. (FJPosKBTone)
25. Click **NEXT**. (SlimScan1200)
26. Click **NEXT**. (Fujitsu7521E\_S)
27. Click **NEXT**. (Fujitsu7521E\_S\_Scale)
28. Click **NEXT**. (fjvfdso)
29. *If 92M* Click **NEXT**. (ICL92RKeyboard)
30. *If 92M* Click **NEXT**. (ICL92Operator)
31. *If 92M* Click **NEXT**. (ICL92RKeylock)
32. *If 92M* Click **NEXT**. (ICL92RTone)
33. *If 92M* Click **NEXT**. (ICL92RMSR)  
*The InstallShield Wizard Complete window displays.*
34. Click **FINISH**.

Proceed with ScanMaster 2.05.00 -050 Upgrade.



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