AccXES Firmware 6.1 Print Driver Release Notes

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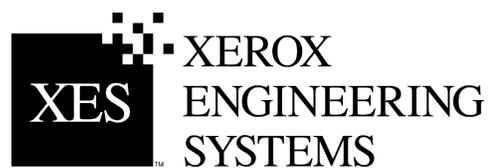
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Release Content

This release contains the following XES Synergix 8825/8830/8855 drivers in your choice of English, French, German, Italian, Spanish, or Portuguese.

- HP-GL/2 & RTL Driver for Windows 95 and Windows 98, version 6.1.0.2.

- HP-GL/2 & RTL Driver for Windows NT 4.0 /NT 2000, version 6.1.0.2.

- PostScript Driver for Windows 95 and Windows 98, version 4.3.1.

- PostScript Driver for Windows NT 4.0, version 5.1.1.

- PostScript Driver for Windows 2000, version 5.00.02.

- ADI Driver (AutoCAD release 13, 14), version 4.00.03.

- HDI Driver for AutoCAD 2000, version 6.1.0.1.

- HDI Driver for AutoCAD 2000i, version 6.1.0.1.

Windows 95/98 HP-GL/2/HP RTL Printer Driver, version 6.1.0.2

Driver Deliverables

This driver release contains the following files:

XES16.DRV Ver 6.1.0.2	XES AccXES 9x HPGL/2 driver and rendering DLL
XES16UI.DLL Ver 6.1.0.2	XES AccXES 9x HPGL/2 driver user interface DLL.
XES16RES.DLL Ver 6.1.0.2	XES AccXES 9x HPGL/2 Resource DLL (This DLL will be localized).
XESDRV.HLP	XES AccXES HPGL/2 context sensitive help file.
XESNET.DLL Ver 5.0.0.1	XES Net Port Monitor.
XESNPENG.DLL Ver 5.0.0.1	Localized resources for the XES Net Port Monitor.
XESNPENG.HLP	Help for the XES Net Port Monitor.
XESPJL.DLL Ver 5.0.0.5	XES AccXES PJL Language Monitor, used to get bi-directional information from the AccXES controller.
AccXES.INF	The installation script for the driver.
8830ANSI.FIN	Finisher file for adding to driver if needed. See Driver User Guide for instructions.
8830ISO.FIN	Finisher file for adding to driver if needed. See Driver User Guide for instructions.
8830ARCH.FIN	Finisher file for adding to driver if needed. See Driver User Guide for instructions.
DRV_XESG.CNT	Contents file, when used with AutoCAD 2000i as optimized driver.
DRV_XESG.HLP	Help file, when used with AutoCAD 2000i as optimized driver.
XESGDI7.HDI Ver 7.0.15.90	AutoCAD 2000i Optimized HDI driver.
XESGDICP.EXE	Used to copy DRV_XESG, XESGDI7, and XESWMSG files to AutoCAD 2000i directories.
XESWMSG.DLL	Warning message presented in AutoCAD 2000i if the optimized driver is not available on the system.

Installation

1. Start Windows 95/98 on your workstation.

2. On your workstation's desktop, click "Start," "Settings," and "Printers" to open the "Printers" window.

3. From the "Printers" window, double click on the **Add Printer** icon.

4. When the "Add Printer Wizard" displays, click **Next**.

5. Click on the **Local printer** radio button, unless you will be printing through a network server in which case you should select Network printer.

   Note: If you select Network Printer, you will have to click Browse to open up the applicable network directories and sub-directories to locate your printer's server.

6. When the "Manufacturers and Printers" windows display, click **Have Disk…** and enter the path to the driver files on your workstation (for example, the drive letter for your CD ROM drive or C:\temp\ for downloaded internet files). Click **OK**.

7. When the "Printers" window displays, select XES Synergix 8825/8830/8855 and click **Next**.

   Note: If an older HP-GL/2/HP RTL driver was installed on your workstation, a screen will be displayed asking you if you wish to "Keep existing driver," or "Replace existing driver." Choose "Replace existing driver," unless you have a reason to keep an older version of the driver on your system.

8. When the "Available Ports" window displays, depending upon your situation, do the following:

   - If you selected "Network Printer" in step 6 above, you do NOT have to perform this port selection step. Click Next.

   - If you already have an XES Net Port installed, select the port from the displayed list and click Next.

   - If you do NOT already have an XES Net Port installed, click Add Port… to display the Net Port dialog. Enter the IP Address of your printer in the entry box and click OK. When the Transmission Retry dialog displays, accept the default value of 30 seconds and click OK. Click Next.

9. When prompted, accept the default printer name shown, or use your keyboard to give your printer a more descriptive name.

Driver Installation (continued)

10. Select either Yes or No to make this printer your default windows printer. Choose **Yes** if you will be printing primarily to this printer from your windows applications. Click **Next**.

11. If the printer is powered on and capable of communicating with your workstation, select **Yes** when prompted to print a test page.

12. Click **Finish**.

13. Verify that an icon representing your printer is now displayed in your desktop "Printers" window.

   Notes:

   Upon installation, this driver will look for Windows System registry entries previously created by the AutoCAD 2000i program installer. If such entries are found, this driver will add itself to the list of available printers within the AutoCAD program.

   The following files are installed on your system when using the Have Disk button with the Add Printer Wizard:

File	Destination
XES16DRV.DLL	\Windows\System
XES16UI.DLL	\Windows\System
XES16RES.DLL	\Windows\System
XESDRV.HLP	\Windows\System
XESNET.DLL	\Windows\System
XESNPENG.DLL	\Windows\System
XESNPENG.HLP	\Windows\System
XESPJL.DLL	\Windows\System
DRV_XESG.CNT	Copied into the HELP directory of any AutoCAD 2000i program installed on the system.
DRV_XESG.HLP	Copied into the HELP directory of any AutoCAD 2000i program installed on the system.
XESGDI7.HDI	Copied into the DRV directory of any AutoCAD 2000i program installed on the system.
XESGDICP.EXE	\Windows\System. Used to copy AutoCAD 2000i files for installation only.
XESWMSG.DLL	Copied into a directory (usually Program Files\Common Files\Autodesk Common) that is created when AutoCAD 2000i is installed on the system.

Driver Removal

Removing from Windows 95/98

1. To remove the HP-GL/2/HP RTL Print Driver from your Windows 95/98 desktop, click on "Start," "Settings," "Printers."

2. Right mouse click on the icon representing your XES Synergix 8825/8830/8855 HP-GL/2/HP RTL printer.

3. Select **Delete** from the drop-down menu.

4. Click **Yes** when prompted. This will remove the driver from your Windows operating system.

Removing from AutoCAD 2000i

1. Start Windows Explorer.

2. Delete the XESGDI7.HDI file from the \DRV directory of AutoCAD 2000i.

3. Delete the DRV_XESG.CNT and DRV_XESG.HLP files from the \HELP directory of AutoCAD 2000i.

4. Delete the XESWMSG.DLL from Program Files \ Common Files \ Autodesk Common.

5. Exit Windows Explorer.

6. Empty your Recycle Bin and restart Windows.

Known Issues

The following is a list of the known issues with this release of the XES Synergix Print Driver for Windows 95/98:

AutoCAD 14 LT

Paper size must be set in the application. AutoCAD LT ignores certain settings in the driver and paper size is one of the settings ignored.

Bentley MicroStation

Bentley Microstation overrides all driver features. For further information, see the Microstation web site **http://www.bentley.com/tools/faqs/6102.html**.

Microsoft PowerPoint

- Microsoft PowerPoint overrides the driver's copy count setting.

- To use larger than A size paper in PowerPoint, you must select the paper size in the driver.

- Large circles of approximately 12 inches in diameter may not print at 400 dpi. The workaround is to set the driver to 200 dpi output.

Microsoft Project

In order to print Microsoft Project documents larger than A-size, the driver requires Microsoft Project version 4.1a or later.

Microsoft Word

Microsoft Word overrides the paper setup in the Document Properties dialog. You must use the Page Setup feature of Microsoft Word to set your paper size option.

Spicer Imagenation 4.50

Intermittent problems occur when printing from Imagenation 4.50 using the this Printer Driver. The application periodically overrides some of the driver settings (e.g. Copies). To make sure Imagenation uses the appropriate settings, set driver defaults with the Printer Properties dialog (available through the desktop path of Start/Settings/Printers/and right mouse clicking on the printer's icon), rather than with the Document Properties dialog (available through the Print screen of your application).

Windows NT4/2000 HP-GL/2/HP RTL Print Driver, version 6.1.0.2

Driver Deliverables

This driver release contains the following files:

XESKMDRV.DLL Ver 6.1.0.2	XES AccXES NT HPGL/2 driver and rendering kernel mode DLL
XESUIDRV.DLL Ver 6.1.0.2	XES AccXES NT HPGL/2 driver user interface DLL.
XESUMDRV.DLL Ver 6.1.0.2	XES AccXES NT HPGL/2 driver and rendering user mode DLL
XES32RES.DLL Ver 6.1.0.2	XES AccXES NT HPGL/2 Resource DLL (This DLL will be localized).
XESDRV.HLP	XES AccXES HPGL/2 context sensitive help file.
XESNET.DLL Ver 5.0.0.1	XES Net Port Monitor.
XESNPENG.DLL Ver 5.0.0.1	Localized resources for the XES Net Port Monitor.
XESNPENG.HLP	Help for the XES Net Port Monitor.
MONITOR.INF	The installation script for the XES Net Port Monitor.
XESPJL.DLL Ver 5.0.0.5	XES AccXES PJL Language Monitor, used to get bi-directional information from the AccXES controller.
AccXES.INF	The installation script for the driver.
Disk1.id	Disk ID file.
8830ANSI.FIN	Finisher file for adding to Driver from Device Options Tab, if needed. See Driver User Guide, Printer Properties Dialog, for instructions.
8830ISO.FIN	Finisher file for adding to Driver from Device Options Tab, if needed. See Driver User Guide, Printer Properties Dialog, for instructions.
8830ARCH.FIN	Finisher file for adding to Driver from Device Options Tab, if needed. See Driver User Guide, Printer Properties Dialog, for instructions.
DRV_XESG.CNT	Contents file, when used with AutoCAD 2000i as optimized driver.
DRV_XESG.HLP	Help file, when used with AutoCAD 2000i as optimized driver.
XESGDI7.HDI Ver 7.0.15.90	AutoCAD 2000i Optimized HDI driver.
XESGDICP.EXE	Used to copy DRV_XESG, XESGDI7, and XESWMSG files to AutoCAD 2000i directories.
XESWMSG.DLL	Warning message presented in AutoCAD 2000i if the optimized driver is not available on the system.

Driver Installation

1. Start Windows NT4.0 or Windows 2000 on your workstation.

2. On your workstation's desktop, click "Start," "Settings," and "Printers" to open the "Printers" window.

3. From the "Printers" window, double click on the **Add Printer** icon.

4. If the "Add Printer Wizard" introduction screen displays, click **Next**.

5. Click on the **My Computer** (NT4.0) or the **Local printer** (2000) radio button, unless you will be printing through a network server, in which case you should select "Network Printer Server" (NT4.0) or "Network printer" (2000). Deselect (uncheck) the "Automatically detect…" check box in Windows 2000. Click **Next**.

   Note: If you selected Network Printer Server (or Network printer), you will have to click Browse to open up the applicable network directories and sub-directories to locate your printer's server.

6. When the "Available Ports" window (NT4.0) or "Select the Printer Port" window (2000) displays, do one of the following:

   - Select an XES TCP/IP port from the displayed list and click **Next**. If you do not have an available XES TCP/IP port, cancel this installation and refer to "Creating a Printer Port" in these Release Notes.

   - If you selected "Network Printer Server" (or "Network Printer") in step 5 above, you do NOT have to perform this port selection step. Click **Next**.

7. When the "Manufacturers and Printers" window displays, click **Have Disk…** and enter the path to the driver files you downloaded from the Internet and extracted to the default directory on your workstation (c:\temp, for example). Click **OK**.

8. From the displayed list of printers, select your printer (XES Synergix 8855, for example) and click **Next**.

9. When prompted, accept the default printer name shown, or use your keyboard to give your printer a more descriptive name. Do NOT enter a dash in your printer's name without placing a character space before and after the dash. Windows will interpret a dash without spaces as a command and malfunction.

10. Select either Yes or No to make this printer your default windows printer. Choose **Yes** if you will be printing primarily to this printer from your windows applications. Click **Next**.

11. When the Printer Sharing window displays, select **Not Shared** (NT4.0) or **Do not share this printer** (2000), unless the printer is directly connected to your workstation and you wish to share it with other network users. Click **Next**.

12. If the printer is powered on and capable of communicating with your workstation, when prompted to print a test page select **Yes**.

13. Click **Finish**.

14. Verify that an icon representing your printer is now displayed in your desktop "Printers" window.

15. If you are updating an older driver, be sure to close all Windows programs, then restart your computer to replace the old driver files with new files.

   Notes:

   Upon installation, this driver will look for Windows System registry entries previously created by the AutoCAD 2000i program installer. If such entries are found, this driver will add itself to the list of available printers within the AutoCAD program.

   The following files are installed on your system when using the Have Disk button with the Add Printer Wizard:

File	Destination
XESKMDRV.DLL	[Windows System Directory]\spool\drivers\w32x86\2
XESUMDRV.DLL	[Windows System Directory]\spool\drivers\w32x86\2
XESUIDRV.DLL	[Windows System Directory]\spool\drivers\w32x86\2
XES32RES.DLL	[Windows System Directory]\spool\drivers\w32x86\2
XESDRV.HLP	[Windows System Directory]\spool\drivers\w32x86\2
XESNET.DLL	[Windows System Directory]
XESNPENG.DLL	[Windows System Directory]
XESNPENG.HLP	[Windows System Directory]
XESPJL.DLL	[Windows System Directory]
DRV_XESG.CNT	Copied into the HELP directory of any AutoCAD 2000i program installed on the system.
DRV_XESG.HLP	Copied into the HELP directory of any AutoCAD 2000i program installed on the system.
XESGDI7.HDI	Copied into the DRV directory of any AutoCAD 2000i program installed on the system.
XESGDICP.EXE	\Windows\System. Used to copy AutoCAD 2000i files for installation only.
XESWMSG.DLL	Copied into a directory (usually Program Files\Common Files\Autodesk Common) that is created when AutoCAD 2000i is installed on the system.

Creating a Printer Port

If you do not have an "XES TCP/IP Port" to use with this driver, it is recommended that you create a new printer port on your desktop.

> *Note: You must have administrator privileges to install or add this port.*

1. Begin by clicking "Start," "Settings," "Printers," "File," "Server Properties," "Ports" tab. Click the **Add Port…** button.

2. Click on **New Monitor…** (NT4.0) or **New Port Type…** (2000) to display the "Installing Print Monitor" dialog. Provide the path to your driver files (specifically the file named Monitor.inf) and click **Open**.

3. When the "Installing Print Monitor" screen displays again, indicating the path to the print monitor, click **OK**.

4. When the "Printer Ports" screen displays, indicating the available XES Net Port, click **New Port…** and, when prompted, click **OK**.

5. When the "XES Net Port dialog" displays, enter the TCP/IP address of the printer's Controller in the entry field and click **OK**.

6. Accept the default Timeout value on the displayed "Configuration" dialog and click **OK**.

7. Close the "Printer Ports" window. Close the "Server Properties" dialog.

Driver Removal

Removing from Windows NT4.0/2000

Note: If you are planning to remove the Net Port Monitor, as described in the next section, it is recommended that you remove the Net Port Monitor BEFORE removing the print driver as described below.

1. To remove the HP-GL/2/HP RTL Print Driver from your Windows NT4.0/2000 desktop, click on "Start," "Settings," "Printers."

2. Right mouse click on the icon representing your installed XES Synergix 8825/8830/8855 HP-GL/2/HP RTL printer.

3. Select **Delete** from the drop-down menu.

4. Click **Yes** when prompted. This will remove the driver from your Windows operating system.

5. You may wish to use Windows Explorer to remove the driver files that were installed on your hard drive as part of the driver installation process. Refer to the previous Driver Installation section for a list of the files installed on your system when you use the "Have Disk" button.

Removing from AutoCAD 2000i

1. Start Windows Explorer.

2. Delete the XESGDI7.HDI file from the \DRV directory of AutoCAD 2000i.

3. Delete the DRV_XESG.CNT and DRV_XESG.HLP files from the \HELP directory of AutoCAD 2000i.

4. Delete the XESWMSG.DLL from Program Files \ Common Files \ Autodesk Common.

5. Exit Windows Explorer.

6. Empty your Recycle Bin and restart Windows.

Net Port Monitor Removal

Note: If you remove the print driver before removing the Net Port Monitor, the print driver icon will not appear in the "Printers" window when you select "Start," "Settings," and "Printers" from your desktop. To work around this problem, select any other printer icon as a substitute in step 2 below.

1. From your Windows NT4.0/2000 desktop, click on "Start," "Settings," "Printers."

2. When the "Printers" window displays, right mouse click on the icon representing your XES Synergix HP-GL/2/HP RTL printer and select **Properties**.

3. When the "Properties" dialog displays, click on the Ports Tab.

4. Use your mouse to select (place a check mark in front of) another port to attach your printer to, because you cannot delete a port if it is in use. Click **OK**.

5. Click on the icon representing your printer again and select **Properties**.

6. Click on the Ports Tab.

7. Use your mouse to highlight (but do NOT place a check mark in front of) the port you wish to delete.

8. Click **Delete Port…**.

9. In response to the "Are you sure…" prompt, select **Yes**.

Known Issues

XES TCP/IP Port (Net Port Monitor)

If you log off Windows NT 4.0, then try to configure the XES TCP/IP Port, the spin control of the Transmission Retry screen will be grayed out. You can fix this by entering "net stop spooler," then "net start spooler" at the workstation's command prompt, or by simply restarting Windows NT.

All Applications

Driver Defaults for ALL print jobs set from the Printers Window of your Desktop, using the path of Start/Settings/Printers/ and right mouse clicking on your printer's icon, may not be applied to currently open applications. To apply changes, it is recommended that you close and restart your application.

Job Accounting in a Client/Server environment

When using job accounting in a client/server environment, you must set the driver to use the RAW data type ONLY. The data type is accessed through the **Print Processor…** button of the Advanced Tab of the Windows 2000 Printer Properties Dialog, or the **Print Processor…** button of the General Tab of the Windows NT 4.0 Printer Properties Dialog.

Novell Networking

Novell banner pages cause the XES Synergix 8825/8830/8855 printer to print error pages, and possibly not print the image. You should verify that the Novell banner page option is disabled when using this printer driver.

AutoCAD 14 LT

Paper size must be set in the application. AutoCAD LT ignores certain settings in the driver and paper size is one of the settings ignored.

Bentley MicroStation

Bentley Microstation overrides all driver features. For further information, see the Microstation web site **http://www.bentley.com/tools/faqs/6102.html**.

CorelDRAW 8

- CorelDRAW 8 tends to put erroneous data in text fields in the driver. This is especially noted in the copy count. You may see the copy count go to such values as 50 or 520 unexpectedly. It is recommended that you verify your copy count when entering the driver's Document Properties dialog through CorelDRAW 8.

- Color darkening also gets overridden with CorelDRAW.

Microsoft PowerPoint

- Microsoft PowerPoint overrides the driver's copy count setting.

- To use larger than A size paper in PowerPoint, you must select the paper size in the driver.

Microsoft Project

In order to print Microsoft Project documents larger than A-size, the Windows NT 4.0 Printer driver requires Microsoft Project version 4.1a or later.

Microsoft Word

Microsoft Word overrides the paper setup in the Document Properties dialog. You must use the Page Setup feature of Microsoft Word to set your paper size option.

Spicer Imagenation 4.50

Intermittent problems occur when printing from Imagenation 4.50 using the this Printer Driver. The application periodically overrides some of the driver settings (e.g. Copies). To make sure Imagenation uses the appropriate settings, set driver defaults with the Printer Properties dialog (available through the desktop path of Start/Settings/Printers/and right mouse clicking on the printer's icon), rather than with the Document Properties dialog (available through the Print screen of your application).

Windows 95/98 PostScript Printer Driver, version 4.3.1

Driver Deliverables

This driver release contains the following files:

File name	Description
.\Setup.Exe	Installshield Setup provided by Adobe
.\Adobe.Ico	Install file provided by Adobe
.\xesps95.inf	XES setup file
.\XESPS95.DLL	XES DLL
.\XR8830PS.PPD	XES 8830 ppd
.\XR8825PS.PPD	XES 8825 ppd
.\XR8855PS.PPD	XES 8855 ppd
.\XESPS95.HLP	XES help file
.\Adobe	Folder Provided by Adobe
Adobe\Setup.Ins	Installation file provided by Adobe
Adobe\Setup.Bmp	Installation file provided by Adobe
Adobe_User1.Cab	Installation file provided by Adobe
Adobe\Data.Tag	Installation file provided by Adobe
Adobe\Setup.Ini	Installation file provided by Adobe
Adobe\Data1.Cab	Installation file provided by Adobe
Adobe\Layout.Bin	Installation file provided by Adobe
Adobe\Setup.Lid	Installation file provided by Adobe
Adobe\Readme.wri	Installation file provided by Adobe
Adobe\Os.Dat	Installation file provided by Adobe
Adobe_Isdel.Exe	Installation file provided by Adobe
Adobe\Setup.Exe	Installation file provided by Adobe
Adobe\Lang.Dat	Installation file provided by Adobe
Adobe_Inst32i.Ex_	Installation file provided by Adobe
Adobe_Setup.Dll	Installation file provided by Adobe
Adobe_Sys1.Cab	Installation file provided by Adobe
Adobe\Ppd	Folder Provided by Adobe

File name	Description
Adobe\ppd\xesps95.inf	XES setup file
Adobe\ppd XESPS95.DLL	XES DLL
Adobe\ppd\\XESPS95.HLP	XES help file
Adobe\ppd\XR8830PS.PPD	XES 8830 ppd
Adobe\ppd\XR8855PS.PPD	XES 8855 ppd
Adobe\ppd\XR8825PS.PPD	XES 8825 ppd
Adobe\ppd\adfonts.mfm	Installation file provided by Adobe
Adobe\ppd\adobeps4.drv	Installation file provided by Adobe
Adobe\ppd\adobeps4.hlp	Installation file provided by Adobe
Adobe\ppd\defprtr2.ppd	Installation file provided by Adobe
Adobe\ppd\defprtr3.ppd	Installation file provided by Adobe
Adobe\ppd\iconlib.dll	Installation file provided by Adobe
Adobe\ppd\pscript.ini	Installation file provided by Adobe
Adobe\ppd\psmon.dll	Installation file provided by Adobe
Adobe\ppd\webprplg.dll	Installation file provided by Adobe
Adobe\ppd\webspool.exe	Installation file provided by Adobe

Driver Installation

1. This PostScript driver is delivered in multiple languages on CD ROM. It can also be downloaded in self-extracting Zip file format from the Internet at http://www.xes.com. If downloaded from the Internet, double click on the appropriate file (**AccXES_95_PS.exe**, for example) and the driver files will be automatically extracted to the indicated default folder on your hard drive.

   Note: If this process is not fully automated, just click on "Unzip" within the WinZip window.

2. When downloaded from the Internet, the InstallShield should automatically begin the installation process. If for some reason the autoexecute feature of the unzip utility fails to launch the InstallShield, double click on **Setup.exe**. For drivers on CD ROM double click on **Setup.exe**.

3. If prompted, select the type of installation that you would like to perform. The choices are: "Install a new PostScript Printer," and "Upgrade existing PostScript printers to version 5.0." Click **Next**.

4. On the "Printer Connection Type" screen, select **Local Printer** unless you will be printing to the printer through a Network Server (as in the case of Novell NetWare, for example) in which case you should select Network Printer. If you select Network Printer, click Browse to open up the applicable Network directories and sub-directories, and locate your printer's primary server and queue (NetWare 3.12), or your printer's Network tree, context, and queue/name (NetWare 4.xx). Highlight the printer and click OK. Click **Next**.

5. On the "Select Printer Model" screen, select a printer such as XES8855PS for AccXES50, also known as a PPD (PostScript Printer Description). Click **Next**.

   Note: You might have to go through the menu tree to select the directory where you first extracted the zip file to (step 1 above) to get your ppd (e.g. C:\Xes\AccXES50).

6. Select a port to use with this driver. Click **Next**.

   Note: You will not have to perform this step if you selected "Network Printer" in step 4 above.

7. If prompted, select "Not Shared" unless the printer is directly connected to your workstation and you wish to "Share" it with other network users. Click **Next**.

8. When prompted, accept the default PostScript printer name, or give your printer a more descriptive name. Select **Yes** if you would like this printer to be your default Windows printer. Select **Yes** to print a Test Page.

9. When the Driver's "Setup Information" screen displays, review the settings to make sure that they match your installation requirements. If they do, click **Install**. If they do NOT, click **Back** to change your settings.

10. When prompted to configure your printer, select **Yes** and click **Next**.

11. When the "Properties" dialog displays, review the settings which should match the defaults stated in the Driver Configuration section of this Guide. Click **OK**.

12. When the "Setup Complete" screen displays, click **Finish**. A Read Me file will display (by checkbox default), providing you with more driver information. When you are done reading the file, click on the "X" in the window's upper right corner to close the file's window.

13. To verify that the printer has been added to your desktop, from your desktop, click "Start," "Settings," "Printers," and look for a representative printer icon with the name that you provided in step 8 above.

    Note: The following files are installed on your Windows\System directory during installation:

File	*Destination*
XR88xxPS.ppd	*Windows\System*
XESPS95.dll	*Windows\System*
XESPS95.hlp	*Windows\System*
Xesps95.inf	*Windows\System*
Adobeps4.drv	*Windows\System*
Adobeps4.hlp	*Windows\System*

Driver Removal

1. To remove the PostScript Print Driver, from the Windows 95/98 desktop click on "Start," "Settings," "Printers."

2. Right click on the icon representing your *8825/8830/8855* PostScript printer.

3. Select **Delete** from the drop down menu.

4. Click **Yes** when prompted. This will remove the PostScript Print Driver from your Windows 95/98 operating system.

5. You may want to run Windows Explorer to remove the following files from your **Windows\System** folder:

   - XR88xxPS.ppd
   - XESPS95.dll
   - XESPS95.hlp
   - Xesps95.inf
   - Adobeps4.drv
   - Adobeps4.hlp

Known Issues

As part of the installation package is a file named "readme.txt." This file contains additional information from Adobe on known problems that the driver has with popular applications.

Number of Copies

If you select 1 copy from the application Print dialog, the default number of copies set at the printer's Control Panel is printed. For the 8825/8830 printer this value is set at the Printer Control Panel (see Controller Setup Manual for details). For the 8855 printer this value is set using the Printer Manager Tool (see Printer Manager Tool User Guide for details). You should verify that only one copy is selected as the default value at the Printer Control Panel (or using the Web PMT). This is not a problem when selecting multiple copies with the driver, where the driver inserts a PostScript NumCopies command into the print job, and the requested number of copies is printed.

Driver Version Number Clarification

Because of possible confusion with the different ways a user can get the version number of the driver, we have included this explanation. The Adobe driver version is 4.3. In the about box of the driver, these are the numbers that are reported. On the test page printed from the drivers, the "Driver Version" number is different. This is not the version of the Adobe Driver. It is the version of the driver for this release of the operating system. For example in Windows NT 4.0 the number shown is 4.01. This means driver .01 for OS version 4. At the bottom of the test print page the drivers DLL's are shown. The correct driver version is shown in parenthesis at the end of the line.

LPR Support

XES Quality Assurance has found an intermittent problem when printing though the DIGILPR utility on Windows 95. The problem is that communication occasionally becomes corrupted resulting in the printing of a PostScript error page from the XES 88xx printer. If you have this problem when using LPR, there are 3 settings that can be changed in the print driver properties to resolve the problem. To change these settings, click "Start", "Settings," "Printers," select "Properties" for the appropriate printer and make the following changes:

1) Details Tab, [Spool Settings] button: Change to "Print directly to printer"

2) PostScript Tab: Disable the "Print PostScript error information"

3) PostScript Tab, [Advanced]… button: Change to "Pure Binary data"

   Note: All three of the above settings may not be necessary to fix the problem for all applications.

Media Source

You should only use the Media Source setting of "Auto" roll selection. If you choose a specific roll, the default PostScript page size will be used.

Auto Media Source

The Controller Media Source selection will override the Driver's Media Source selection of **Auto**. For example, if the Controller is set to a Media Source of Roll 3 (through the 8825/8830 Control Panel or Web PMT) and Auto media source is requested through the driver, the Controller default value of Roll 3 will always be used, regardless of the size of the image. To avoid this problem the Controller media source default value should always be set to **Auto**.

Watermarks

The Watermark function, while not supported directly by the XES 88xx, is sometimes functional through the rendering done within some applications. This feature is not guaranteed to work.

Mirror and Negative Prints

These features are not supported directly by the XES 88xx. They will work through some applications. The features are not guaranteed to work.

Layout

The page layout feature, while not supported directly by the XES 88xx, is sometimes functional through the rendering done within some applications. This feature is not guaranteed to work.

Lotus Word Pro 97

The Page Properties dialog values set in the Word Pro application will override similar settings in the Printer Properties driver dialogs. In particular, setting the roll to Manual Feed will override the selection in the driver.

Adobe Acrobat

It appears that only the first page of a PDF file is printed as a Negative when Negative Output is selected in the PostScript driver.

When printing from Acrobat the image may be 180 degrees out of phase for folding. Your title block, therefore, may not be in the appropriate location for folding.

Tab Position

Depending upon the build of the driver, the order of Tabs displayed in the driver dialogs may be different. For example, for the 11.16.99 driver release the displayed order of Tabs is: Paper; Graphics; Watermarks; Device Options; PostScript; Job.

For the 1.19.00 release the order is: Graphics; Watermarks; Paper; Device Options: PostScript; Job.

The order of displayed Tabs does NOT affect Tab functions.

Windows NT 4 Adobe PostScript Printer Driver, Version 5.1.1

Driver Deliverables

This driver release contains the following files:

File Name	Description
.\Setup.Exe	Provided by Adobe
._inst32i.ex_	Provided by Adobe
._isdel.exe	Provided by Adobe
._setup.dll	Provided by Adobe
._setup3i.lib	Provided by Adobe
.\Org.set	Provided by Adobe
.\Readme.wri	Provided by Adobe
.\Setup.ini	Provided by Adobe
.\Setup.ins	Provided by Adobe
.\nt40x86	Folder Provided by Adobe
Nt40x86\AdobePS5.dll	Provided by Adobe
Nt40x86\AddobePS5.ntf	Provided by Adobe
Nt40x86\AdobePSu.dll	Provided by Adobe
Nt40x86\Adobepsu.hlp	Provided by Adobe
Nt40x86\Vssver.scc	SCC File
Nt40x86\xespskm.dll	XES kernel mode DLL
Nt40x86\xespsui.inf	XES Setup file
Nt40x86\xespsui.ini	XES Configuration file
Nt40x86\xespsui.dll	XES user interface DLL
Nt40x86\XESPSDRV.hlp	XES help file
Nt40x86\XR8825ps.ppd	XES 8825 ppd
Nt40x86\XR8830ps.ppd	XES 8830 ppd
Nt40x86\XR8855ps.ppd	XES 8855 ppd

Driver Installation

1. This PostScript driver is delivered in multiple languages on CD ROM. It can also be downloaded in self-extracting Zip file format from the Internet at http://www.xes.com. If downloaded from the Internet, double click on the appropriate zip file and the driver files will be automatically extracted to the indicated default folder on your hard drive.

    Note: If this process is not fully automated, just click on "Unzip" within the WinZip window.

2. When downloaded from the Internet, the InstallShield should automatically begin the installation process. If for some reason the autoexecute feature of the unzip utility fails to launch the InstallShield, double click on **Setup.exe**. For drivers on CD ROM double click on **Setup.exe**.

3. When prompted to copy the Setup program, if you would like a copy of the setup utility on your workstation so that you can run it again at any time (from "Start," "Programs," "AdobePS"), change the default selection from No to Yes. Click **Next**.

4. On the "Install Printer" screen, select **Local Printer** unless you will be printing to the printer through a Network Server (as in the case of Novell NetWare, for example) in which case you should select Network Printer. If you select Network Printer, click Browse to open up the applicable Network directories and sub-directories, and locate your printer's primary server and queue (NetWare 3.12), or your printer's Network tree, context, and queue/name (NetWare 4.xx). Highlight the printer and click OK. Click **Next**.

5. On the "Select PPD" Screen, provide the location on your CD ROM containing the driver "ppd" files, or locate the file folder to which the driver files were extracted from the Internet.

6. Select an appropriate PPD (PostScript Printer Description), such as XES 8855 PS for AccXES50, for example, and click **Next**.

    Note: You may have to go through the menu tree to select additional folders containing your ppd (e.g. c:\Temp\xesnt4pse\Nt40x86).

7. Select a port for use with this driver (as recommended in the "Before You Start" section of the Driver User Guide). Click **Next**.

    Note: You will not have to perform this step if you selected "Network Printer" in Step 4 above.

8. Select "Not Shared" unless the printer is directly connected to your workstation and you wish to share it with other network users. Click **Next**.

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Driver Installation (continued)

9. If prompted, accept the default name or give your new PostScript printer an easily recognized name. Select **Yes** if you would like it to be your default Windows printer. Select **Yes** to print the Test Page. Click **Next**.

10. When the Driver's "Device Settings" screen displays, review the settings which should match the defaults for the "Device Settings Tab" as stated in the Driver Configuration section of this Guide. Click **OK**.

11. When the "Add Another Printer" screen displays informing you that "Setup has successfully added the PostScript printer to your system," click **Exit**.

12. To verify that the printer has been added to your desktop, click "Start," "Settings," "Printers" and look for a representative printer icon with the name that you provided in step 9 above.

    Note: The following files are installed in your Winnt\system32\spool\drivers\w32x86\2 directory during installation:

File	*Destination*
XR88xxPS.PPD	*Winnt\system32\spool\drivers\w32x86\2*
XESPSUI.DLL	*Winnt\system32\spool\drivers\w32x86\2*
XESPSKM.DLL	*Winnt\system32\spool\drivers\w32x86\2*
XESPSDRV.HLP	*Winnt\system32\spool\drivers\w32x86\2*
XESPSUI.INI	*Winnt\system32\spool\drivers\w32x86\2*
ADOBEPS5.DLL	*Winnt\system32\spool\drivers\w32x86\2*
ADOBESPSU.DLL	*Winnt\system32\spool\drivers\w32x86\2*
ADOBEPSU.HLP	*Winnt\system32\spool\drivers\w32x86\2*
ADOBEPS5.NTF	*Winnt\system32\spool\drivers\w32x86\2*

Driver Removal

1. To remove the PostScript Print Driver, from the Windows NT 4.0 desktop click on "Start," "Settings," "Printers."

2. Right click on the icon representing your PostScript printer.

3. Select **Delete** from the drop down menu.

4. Click **Yes** when prompted. This will remove the PostScript Print Driver from your Windows NT 4.0 operating system.

5. You may want to run Windows Explorer to remove the files that were installed in your Winnt\system32\spool\drivers\w32x86\2 directory during driver installation. If downloaded from the Internet, you may want to remove the files that were extracted to the default folder on your hard drive (e.g. c:\Temp\xesnt4pse\Nt40x86).

Known Issues

As part of the installation package is a file readme.txt. This file contains additional information from Adobe on known problems the driver has with popular applications.

Tab Position

Depending upon the build of the driver, the order of Tabs displayed in the driver dialogs may be different. For example, for the 11.16.99 driver release the displayed order of Tabs is: Paper; Graphics; Watermarks; Device Options; PostScript; Job.

For the 1.19.00 release the order is: Graphics; Watermarks; Paper; Device Options: PostScript; Job.

The order of displayed Tabs does NOT affect Tab functions.

Installation

If you have problems during the SETUP procedure, it is recommended that the **_Install Shield_** temporary directories (c:\temp_istmpxxx.dir) and temporary files (c:\temp*.tmp) be deleted. Reboot your workstation and run SETUP again.

Number of Copies

If you select 1 copy from the application Print dialog, the default number of copies set at the printer's Control Panel is printed. For the 8825/8830 printer this value is set at the Printer Control Panel (see Controller Setup Manual for details). For the 8855 printer this value is set using the Printer Manager Tool (see Printer Manager Tool User Guide for details). You should verify that only one copy is selected as the default value at the Printer Control Panel (or using the Web PMT). This is not a problem when selecting multiple copies with the driver, where the driver inserts a PostScript NumCopies command into the print job, and the requested number of copies is printed.

Auto Media Source

The Controller Media Source selection will override the Driver's Media Source selection of **Auto**. For example, if the Controller is set to a Media Source of Roll 3 (through the 8825/8830 Control Panel or Web PMT) and Auto media source is requested through the driver, the Controller default value of Roll 3 will always be used, regardless of the size of the image. To avoid this problem the Controller media source default value should always be set to **Auto**.

Watermarks

The Watermark function, while not supported directly by the XES 88xx, is sometimes functional through the rendering done within some applications. This feature is not guaranteed to work.

Mirror and Negative Prints

These features are not supported directly by the XES 88xx. They will work through some applications. The features are not guaranteed to work.

Layout

The page layout feature, while not supported directly by the XES 88xx, is sometimes functional through the rendering done within some applications. This feature is not guaranteed to work.

Adobe Acrobat

It appears that only the first page of a PDF file is printed as a Negative when Negative Output is selected in the PostScript driver.

When printing from Acrobat the image may be 180 degrees out of phase for folding. Your title block, therefore, may not be in the appropriate location for folding.

Windows 2000 PostScript Printer Driver, Version 5.00.02

Driver Deliverables

This driver release contains the following files:

XESW2PS.ini	XES setup file
XESW2PS.inf	XES setup file
XESPSUI.DLL	XES DLL
XESPSKM.DLL	XES DLL
XR8830PS.PPD	XES 8830 PostScript printer description
XR8825PS.PPD	XES 8825 PostScript printer description
XR8855PS.PPD	XES 8855 PostScript printer description
XESPSDRV.HLP	XES help file

Driver Installation

This PostScript driver is delivered in multiple languages on CD ROM. It can also be downloaded in self-extracting Zip file format from the Internet at http://www.xes.com. If downloaded from the Internet, double click on the appropriate zip file and the driver files will be automatically extracted to the indicated default folder on your hard drive.

1. On your workstation's desktop, click "Start," "Settings," and "Printers" to open the "Printers" window.

2. From the "Printers" window, double click on the **Add Printer** icon.

3. When the "Add Printer Wizard" displays, click **Next**.

4. Click on the **Local printer** radio button, unless you will be printing through a network server in which case you should select Network printer. Also, deselect (uncheck) the "Automatically detect…" check box. Click **Next**.

    Note: If you select Network Printer, you will have to click Next to open up the applicable network directories and sub-directories to locate your printer's server.

5. For Local Printers, from the "Select the Printer Port" window, select the **Use the following port** radio button and highlight a Printer Port, such as an XES TCP/IP Port. If you need to create a new port, select the "Create a new port" radio button and select the type of port. Click **Next**.

6. When the "Manufacturers and Printers" window displays, click **Have Disk…** and enter the path to the driver files on your CD ROM, or workstation's hard drive if downloaded from the Internet. Click **OK**.

    Note: You can also use the Browse button to locate and select the required "XESW2PS.inf" file.

7. When the "Printers" window displays, select your printer (for example **XES 8855PS**) from the displayed list of printers and click **Next**.

8. When prompted, accept the default printer name shown, or use your keyboard to give your printer a more descriptive name.

9. Select either Yes or No to make this printer your default windows printer. Choose **Yes** if you will be printing primarily to this printer from your windows applications. Click **Next**.

10. When the Printer Sharing window displays, select "Do not share this printer" unless the printer is directly connected to your workstation and you wish to share it with other workgroup users. Click **Next**.

11. If the printer is powered on and capable of communicating with your workstation, when prompted to print a test page select **Yes**. Click **Next**.

12. Click **Finish**.

13. If the message "Digital Signature is Not Found" displays, and you are prompted as to whether you wish to continue the installation, click **Yes**.

14. Verify that an icon representing your PostScript printer is now displayed in your desktop "Printers" window.

    Note: The following files are installed on your system when using the Have Disk button with the Add Printer Wizard:

File	Destination
XESW2PS.ini	*[Windows System Directory]\spool\drivers\w32x86\3*
XESPSUI.DLL	*[Windows System Directory]\spool\drivers\w32x86\3*
XESPSKM.DLL	*[Windows System Directory]\spool\drivers\w32x86\3*
XR8830PS.PPD (If XES 8830 PS for AccXES, installed)	*[Windows System Directory]\spool\drivers\w32x86\3*
XR8830PS.BPD (If XES 8830 PS for AccXES, installed)	*[Windows System Directory]\spool\drivers\w32x86\3*
XR8825PS.PPD (If XES 8825 PS for AccXES, installed)	*[Windows System Directory]\spool\drivers\w32x86\3*
XR8825PS.BPD (If XES 8825 PS for AccXES, installed)	*[Windows System Directory]\spool\drivers\w32x86\3*
XR8855PS.PPD (If XES 8855 PS for AccXES, installed)	*[Windows System Directory]\spool\drivers\w32x86\3*
XR8855PS.BPD (If XES 8855 PS for AccXES, installed)	*[Windows System Directory]\spool\drivers\w32x86\3*
XESPSDRV.HLP	*[Windows System Directory]\spool\drivers\w32x86\3*
PS5UI.DLL	*Windows System Directory]\spool\drivers\w32x86\3*
PSCRIPT.HLP	*Windows System Directory]\spool\drivers\w32x86\3*
PSCRIPT.NTF	*Windows System Directory]\spool\drivers\w32x86\3*
PSCRIPT5.DLL	*Windows System Directory]\spool\drivers\w32x86\3*

Driver Removal

Deleting a Printer from the Windows Desktop

1. To remove the PostScript Print Driver, from the Windows 2000 desktop click on "Start," "Settings," "Printers."

2. Right click on the icon representing your PostScript printer.

3. Select **Delete** from the drop-down menu.

4. Click **Yes** when prompted. This will remove the PostScript Print Driver from your Windows 2000 operating system.

Deleting Driver Files from the Windows System Directory

To delete the files installed on your system when you used the Have Disk… button with the Windows 2000 Add Printer Wizard, perform the following steps:

1. From "Start," "Programs," "Accessories," open Windows Explorer.

2. In Windows Explorer, open the "3" folder using the following path: Winnt\system32\spool\drivers\w32x86\3.

3. Delete the following files, if still present:

   - XESW2PS.ini
   - XESPSUI.DLL
   - XESPSKM.DLL
   - XR8830PS.PPD (If XES 8830 PS for AccXES, installed)
   - XR8830PS.BPD (If XES 8830 PS for AccXES, installed)
   - XR8825PS.PPD (If XES 8825 PS for AccXES, installed)
   - XR8825PS.BPD (If XES 8825 PS for AccXES, installed)
   - XR8855PS.PPD (If XES 8855 PS for AccXES, installed)
   - XR8855PS.BPD (If XES 8855 PS for AccXES, installed)
   - XESPSDRV.HLP

   Note: Do NOT delete the following files if another PostScript driver has been installed:

   - *PS5UI.DLL*
   - *PSCRIPT.HLP*
   - *PSCRIPT.NTF*
   - *PSCRIPT5.DLL*

4. Close Windows Explorer.

Known Issues

Adobe Acrobat

When printing from Acrobat the image may be 180 degrees out of phase for folding. Your title block, therefore, may not be in the appropriate location for folding.

8825/8830 ADI Print Driver, Version 4.00.03

Introduction

The 8825/8830 ADI driver is intended for use with AutoCAD version 13 and version 14, LT 97, or LT 98 in a Windows 95/98/NT4 environment.

Installation and configuration of the ADI driver are two different processes. The installation must be completed before configuration of the print driver can begin. To start the installation run the "Setup" program.

Upgrading an Existing 8825/8830 Driver in AutoCAD Release 14

If you are running AutoCAD Release 14 and have previously installed an 8825/8830 AutoCAD Driver you should follow these instructions before installing the new version of the driver.

1. Start AutoCAD and type CONFIG

2. REMOVE the previous 8825/8830 AutoCAD Driver and select OK

3. Exit AutoCAD

If you did not perform this step before the installation of the new AutoCAD driver, AutoCAD Release 14 will insist that you reload the previous version of the 8825/8830 driver. You could either reload the previous version of the driver or remove the AutoCAD configuration file located in the main AutoCAD directory. If you remove the AutoCAD configuration file, AutoCAD will ask for the activation Key that you obtained from AutoDESK for your licensed version of AutoCAD.

AutoCAD Release 14 will not start if it determines that any configured plotter driver has been modified.

Driver Deliverables

When you run "Setup," the required driver files will be added to your hard drive.

Installation of the XES 8825/8830 ADI Driver

For AutoCad running on a Windows platform use the following steps:

1.   Insert the CD into your computer.

2.   Run the setup.exe program found on the CD under the appropriate ADI directory for the language desired.

3.   Choose your version of AutoCAD that the new driver will be copied to.

4.   Follow the instructions on the screen to complete the install.

5.   To change the path, after selecting AutoCAD version in the install procedure, browse must be chosen for the files to be put in the correct directory. The most common directory for the correct AutoCAD 14 files is c:\progra~1\autoca~1\drv.

Note: The ADI driver installation uses MS-DOS directory names, which are limited to eight characters. If you have two versions of AutoCAD installed, you may need to use Windows Explorer to determine the MS-DOS name of each directory. Select the directory of interest and select Properties with the right mouse button.

Configuring the 8825/8830 Plotter Driver

The configuration procedure tailors AutoCAD according to the information that you provide. You will need to provide specifications on graphics devices connected to your computer, the number of users, and other information related to hardware and software. It is the same procedure for both single-user and network installations.

CONFIG runs when you start AutoCAD for the first time and can be used later to change the configuration of AutoCAD.

There are two (2) ways to access the CONFIG menu:

1. In AutoCAD 13, from the Options Menu, choose **configure**. In AutoCAD 14, from the File Menu, choose **printer setup**.

2. At the Command prompt, enter **config**.

FOR AUTOCAD 13 ONLY

AutoCAD displays the current configuration and prompts as follows:

    Current AutoCAD configuration
    Video display: <current>
    Digitizer: <current>
    Plotter: <current>
    Press RETURN to continue:

AutoCAD now displays a multiple-item configuration menu.

    0. Exit to drawing editor
    1. Show current configuration
    2. Allow detailed configuration
    3. Configure video display
    4. Configure digitizer
    5. Configure plotter
    6. Configure system console
    7. Configure operating parameters
    Enter selection <0>: Enter 0-7 or press RETURN to exit

After you enter a number, AutoCAD displays prompts appropriate to the configuration option you select.

Configuring the XES 8825/8830 ADI Driver (AutoCAD 13)

1. From the Configuration menu, choose option 5: **Configure plotter**.

2. AutoCAD displays the current configuration and prompts as follows:

    Your current plotter is: <current>
    Description: <current description>
    Plotter Configuration Menu
    0. Exit to configuration menu
    1. Add a plotter configuration
    2. Delete a plotter configuration
    3. Change a plotter configuration
    4. Rename a plotter configuration

3. From the Plotter Configuration Menu, choose option **1. Add a plotter configuration**.

4. AutoCAD now displays a list of the available plotters and prompts to choose a device number or ? to repeat list. (The most recent driver is the last entry.)

5. Continue with the configuration selections for the driver to select roll, media, folder, label and other options.

6. Save the configuration when asked.

Configuring the XES 8825/8830 ADI Driver (AutoCAD 14)

To enter the plotter configuration window in AutoCAD 14:

1. Select file from the top menu and choose **printer setup**. This will bring up the Preferences Menu.

2. Select the Printer Tab from the Preferences Menu.

3. Select the **Modify** button. The reconfigure window opens.

4. Select the **reconfigure** button to bring up the standard configuration setup normally found on earlier AutoCAD versions.

5. Follow the AutoCAD 13 configuration as per above.

6. Set the 8825/8830 driver as the Current Plotter using "Set Current" in config.

7. From the AutoCAD main Command line, type XESCFG for further configuration.

Using the Plotter Driver

When output of your drawing is desired, use the normal plotting process from AutoCAD.

1. Select **File**, then **Print** from the Main menu.

2. Select **Device and Default Selection** from the print dialog box. Select the plotter configuration that contains the desired output options. Once the plotter configuration is selected, exit back to the Print dialog box and use the standard ADI print process.

User Pen Definitions - For AutoCAD Release 13

You may select "User Palette" during AutoCAD configuration. This selection attempts to read the plfhp.pen file from the same directory containing the 8825/8830 AutoCAD driver. This ASCII file contains pen definition information. See the plfhp.pen file internal documentation for a description of the pen definition.

Known Issues

The following limitations are known in this release of the ADI Driver.

Justification defaults

In order to move your image on the paper, use the AutoCAD offset settings. When printing from AutoCAD, the printer default justification settings will be ignored.

Raster Stamp Name Field

The Raster Stamp Name Field accepts 33 characters although the name can only be 32 characters in length.

Scaling Drawings on the Printer

You may set a scaling factor directly on the printer using the Printer Control Panel or the Web Printer Manager Tool. AutoCAD drawings will be scaled by this factor when they reach the printer. Therefore, the default scaling should be set to Absolute 100% at the printer.

Shading Field Box

The Shading field box under "Labels and Banners" accepts any input, although the value should be an integer between 0 and 100.

Novell Networking

Novell banner pages cause the 8830 to print error pages, to ignore driver settings, or to possibly not print the image. Therefore, you should verify that the Novell banner page option is disabled when using the 8830 print driver.

Novell Printing

When printing to a Novell queue, to avoid possible repeat printing problems, it is recommended that you install an 8825/8830/8855 HP-GL/2/HP RTL driver on your workstation. The driver is available on the Internet at www.xes.com.

8825/8830/8855 HDI AutoCAD 2000 Print Driver, Version 6.1.0.1

Introduction

This 6.1.0.1 update replaces the XES driver delivered with AutoCAD 2000 Version 1.0 as well as the Xerox6.HDI Version 4.0.00 (V15.T.06), 4.0.01 or 4.0.02 posted on the Xerox Web site. This 6.1.0.1 version adds the XES Synergix 8855 to the DRC file and adds support for the 4th roll source on an 8855 printer.

Installing Required Patches

Important

Apply AutoDesk's Hardcopy Update first.

11/11/99: AutoDesk has updated the hardcopy plotting system.

The patches are available from

www.autodesk.com\support\autocad\patch2000.htm

Download plotupdate.txt and read the instructions. The update is in plotupdate.exe at the same web page. If AutoDesk moves this page, you should visit the www.autodesk.com site for instructions.

You must apply the AutoDesk plotupdate before applying the 6.1.0.1 update. AutoDesk has fixed an "Add-A-Plotter Wizard" problem and has updated many of the graphics DLLs necessary for correct plotting.

Installing a System Driver for use with Novell

For optimum performance when printing to a Novell queue it is recommended that you install an 8825/8830/8855 HP-GL/2/HP RTL print driver on your workstation. The driver is available on the Internet at www.xes.com.

Driver Deliverables

Five files and a "Readme" comprise this driver's deliverables. The files are as follows:

Drv_xrox.cnt	Driver Help contents file for installation into AutoCAD's Help directory
Drv_xrox	Driver Help file for installation into AutoCAD's Help directory
Xerox6.drc	Driver capabilities file for installation into AutoCAD's DRV directory
Xerox6.hdi	Driver DLL for installation into AutoCAD's DRV directory
Drv_xrox.hif	Used by AutoCAD's Add-A-Plotter Wizard

Driver Installation

Note: The XES 8825/8830 HDI driver is included as part of the AutoCAD 2000 program. The XES Synergix 8825/8830/8855 HDI driver (version 6.1.0.1) is a separate file that you can obtain from CD ROM, or from the Internet at www.xes.com. On the Internet, the XES Synergix 8825/8830/8855 HDI driver (version 6.1.0.1) is available in self-extracting zip file format in various languages. Double click the appropriate file name to unzip all driver files to the indicated default folder on your hard drive.

1. Start AutoCAD 2000.

2. Select **Plotter Manager** under the **File** menu.

3. Double click the **Add-A-Plotter Wizard** icon.

4. When the "Introduction" screen displays, click **Next**.

5. When the "Begin" screen is displayed, consider how you will be printing from AutoCAD to your printer. Available selections are "My Computer" (for parallel cable connections, for example), "Network Plotter Server" (for printing through a network Server), or "System Printer" (for using the standard Windows System Print Driver, instead of this HDI driver).

6. For direct cable connections between this workstation and the 8825/8830/8855 printer, select **My Computer**. For printing through a network Server OR in a peer-to-peer network with NT workstation Sharing enabled, select **Network Plotter Server**.

7. Click **Next**.

8. If you selected "Network Plotter Server," when prompted for a Network Plotter name, click **Browse…** and select your Network Plotter Server from the network tree. Click **OK** to close the "Browse" window, then click **Next**.

9. When the "Add Plotter – Plotter Model" screen is displayed, select **Xerox Engineering Systems** for "Manufacturer."

10. For "Model," select **XES 8825** or **XES 8830** and click **Next**. For the XES Synergix 8855 printer, perform the next step.

11. For the XES Synergix 8855 Printer, click **Have Disk…**, provide the path to the folder on your hard drive or CD ROM containing the 8855 HDI driver files, and click **Open**. Click on the file name "Drv_xrox.hif" and click **Open** again. Wait for the driver files to be installed, then select **XES Synergix 8855** from the model list and click **Next**.

12. When the "Import PCP or PC2" screen is displayed, click **Next**.

13. For a directly-connected ("My Computer") printer, when the "Ports" screen is displayed, choose the Port that your printer is connected to and click **Next**.

14. When the "Plotter Name" screen is displayed, accept the default Plotter Name, or enter in a new name, and click **Next**.

15. Click the **Edit Plotter Configuration** button on the "Finish" screen to display the Plotter Configuration Editor dialog with its "General," "Ports," and "Device and Document Settings" Tabs. Review the settings, which you can change later as explained in the Driver Configuration section of this Guide. Click **OK**.

16. Click **Finish** and a plotter icon (XES 8825, XES 8830, XES Synergix 8855) will be added to the "Plotter Manager" screen in AutoCAD (similar to the "Printers" screen in Windows 95/98 or Windows NT 4.0).

Driver Removal

1. Start AutoCAD 2000.

2. Open a drawing.

3. From the "File" menu select "Plotter Manager."

4. Right mouse click on the icon representing the Plotter you wish to delete.

5. Select **Delete** from the displayed menu.

6. Click **Yes** when prompted.

Problems Fixed with this Driver

Differences from the 1.0 version included with AutoCAD 2000

1. Added firmware 4.0 features of job accounting, media mismatch, and plot nesting

2. Included AutoDesk broken ARCs fix

3. Included AutoDesk's Gray Ramp fix for better halftones

Differences from the Xerox Web update (V15.T.06 - Xerox 6 Version 4.0.00)

1. Included AutoDesk's broken ARCs fix

2. Included AutoDesk's Gray Ramp fix for better halftones

Differences from the Autodesk's web patch version

1. Added firmware 4.0 features for job accounting, media mismatch, and plot nesting

2. Included AutoDesk's Gray Ramp fix for better halftones

Hints for Better Grayscales

1. Better Grayscales can be obtained from this driver using the Vector Graphics selection of the Plotter Configuration Editor dialog. This dialog is available at any time within AutoCAD by selecting **File**, selecting **Plot** (or **Page Setup**), selecting your **XES Plotter Name** from the drop-down list, and clicking the **Properties…** button. On the Device & Document Settings Tab, select Vector Graphics and set the Color Depth to 16777216 shades of Gray. (The default is 2 shades of gray).

2. You may control grayscales using one of the following methods:

   a) Plot one of the AutoCAD sample drawings (CHROMA.DWG or Color Wheel.dwg) and, using the Plot Style Editor, construct a table of desired colors.

   b) Use the Plot Style Editor and assign a "Color" and a "Screening" to generate the desired halftone. For example, you could map

      Object Color 1 to be Color "Black" with a screening of 50%,

      Object Color 2 to be Color "Black" with a screening of 25%, ... etc.

   c) The chroma value on the Custom Properties 8825/8830 driver screen also controls the density scaling.

HDI AutoCAD 2000i Print Driver, Version 6.1.0.1

Driver Deliverables

This driver release contains the following files:

XES7.HDI	XES AccXES HDI AutoCAD 2000i Driver DLL
XES7.DRC	XES AccXES HDI AutoCAD 2000i Driver Capabilities File.
DRV_XES.HLP	XES AccXES HDI AutoCAD 2000i Driver help file.
DRV_XES.CNT	XES AccXES HDI AutoCAD 2000i Driver help contents file.
DRV_XES.HIF	XES AccXES HDI AutoCAD 2000i Driver install file (used by AutoDesk's Add-A-Plotter Wizard)
README.TXT	Readme file

Driver Installation

This driver is delivered in multiple languages on CD ROM. It can also be downloaded in self-extracting Zip file format from the Internet at http://www.xes.com. If downloaded from the Internet, double click on the appropriate zip file and the driver files will be automatically extracted to the indicated default folder on your hard drive.

1. Start AutoCAD 2000i.

2. Click **File** and select **Plotter Manager**.

3. Double click on the **Add-A-Plotter Wizard Icon**.

4. When the "Begin" screen is displayed, consider how you will be printing from AutoCAD to your printer. Available selections are "My Computer" (for parallel cable connections, for example), "Network Plotter Server" (for printing through a network Server), or "System Printer" (for using the standard Windows System Print Driver, instead of this HDI driver).

5. For direct cable connections between this workstation and the XES Synergix 8825/8830/8855 printer, select **My Computer**. For printing through a network Server OR in a peer-to-peer network with NT workstation Sharing enabled, select **Network Plotter Server**.

6. Click **Next**.

7. If you selected "Network Plotter Server," when prompted for a Network Plotter name, click **Browse…** and select your Network Plotter Server from the network tree. Click **OK** to close the "Browse" window, then click **Next**.

8. When the "Add Plotter – Plotter Model" screen is displayed, select **Xerox Engineering Systems** for "Manufacturer."

9. For "Model," click **Have Disk…**, and provide the path to the directory on your hard drive containing the driver files (example, c:\temp) and click **Open**.

10. Select "drv_xes.hif" and click **Open**.

11. Wait for the driver files to be installed, then select your printer from the available list and click **Next**.

12. When the "Import PCP or PC2" screen is displayed, click **Next**.

13. For a directly-connected ("My Computer") printer, when the "Ports" screen is displayed, choose the Port that your printer is connected to and click **Next**.

14. When the "Plotter Name" screen is displayed, accept the default Plotter Name, or enter in a new name, and click **Next**.

15. Click the **Edit Plotter Configuration** button on the "Finish" screen to display the Plotter Configuration Editor dialog with its "General," "Ports," and "Device and Document Settings" Tabs. Review the settings, which you can change later as explained in the Driver Configuration section of this Guide. Click **OK**.

16. Click **Finish** and a plotter icon (XES Synergix 8825, XES Synergix 8830, XES Synergix 8855) will be added to the "Plotter Manager" screen in AutoCAD (similar to the "Printers" screen in any Windows operating system).

    Note: The following files are installed on your system when using the Have Disk button with the Add-A-Plotter Wizard:

File	*Destination*
XES7.HDI	*\DRV subdirectory of your AutoCAD program files*
XES7.DRC	*\DRV subdirectory of your AutoCAD program files*
DRV_XES.HLP	*\HELP subdirectory of your AutoCAD program files*
DRV_XES.CNT	*\HELP subdirectory of your AutoCAD program files*

Driver Removal

Deleting a Plotter from AutoCAD

To delete a Plotter (configuration file) from AutoCAD, you can use either Plotter Manager within AutoCAD, or Windows Explorer from your workstation's desktop.

Deleting a Plotter using Plotter Manager

1. Start AutoCAD 2000i.

2. Open a drawing.

3. From the "File" menu select "Plotter Manager."

4. Right mouse click on the icon representing the Plotter you wish to delete.

5. Select **Delete** from the displayed menu.

6. Click **Yes** when prompted.

Deleting a Plotter using Windows Explorer

1. From Start\Programs, open Windows Explorer.

2. In Windows Explorer, open the "Program Files" folder.

3. In the "Program Files" folder, open the folder associated with AutoCAD 2000i.

   Note: If you upgraded from a previous version of AutoCAD, the folder may be identified with the label from your previous version (AutoCAD R14, for example).

4. In the "AutoCAD" folder, open the "Plotters" folder.

5. Locate the ".pc3" file associated with the printer that you want to delete.

6. Select the ".pc3" file with your mouse and press your keyboard's **Delete** button to send the file to your recycle bin.

7. Close Windows Explorer.

Deleting Driver Files from AutoCAD subdirectories

To delete the files installed on your system when you used the Have Disk… button with AutoCAD's Add-A-Plotter Wizard, perform the following steps:

1. From Start\Programs, open Windows Explorer.

2. In Windows Explorer, open the "Program Files" folder.

3. In the "Program Files" folder, open the folder associated with AutoCAD 2000i.

4. *Note: If you upgraded from a previous version of AutoCAD, the folder may be identified with the label from your previous version (AutoCAD R14, for example).*

5. In the "AutoCAD 2000i" folder, open the "Drv" folder and delete the files "XES7.HDI" and "XES7.DRC."

6. Open the "Help" folder and delete the files "DRV_XES.HLP" and "DRV_XES.CNT."

7. Close Windows Explorer.

Known Issues

When printing to a Novell queue, for optimum performance it is recommended that you install an 8825/8830/8855 HP-GL2/HP RTL driver on your workstation. This driver is available from the Internet at www.xes.com for installation on Windows 95, 98, NT 4.0, and 2000 operating systems. Failure to follow this recommendation may result in multiple copies of the printed document.

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