Installation Guide

English

Prinergy Evo

version **1.2**

Internal 731-00182B-EN Rev C

www.creo.com

Prinergy Evo

version 1.2

Installation Guide

creo™

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4,558,302	5,420,722	5,708,736	6,043,865	6,204,874	6,409,331	6,589,710
4,743,091	5,459,505	5,713,287	6,060,208	6,205,364	6,414,755	6,590,635
4,992,864	5,473,733	5,742,743	6,063,528	6,208,369	6,422,801	6,593,064
5,049,901	5,481,379	5,764,374	6,063,546	6,214,276	6,425,565	6,601,888
5,113,249	5,488,906	5,771,794	6,072,518	6,217,965	6,430,136	6,605,407
5,132,723	5,508,828	5,785,309	6,090,529	6,252,241	6,435,091	6,609,459
5,155,782	5,509,561	5,802,034	6,093,447	6,252,522	6,441,914	6,611,363
5,157,516	5,517,359	5,813,346	6,096,461	6,255,033	6,443,571	6,618,187
5,177,724	5,519,852	5,818,498	6,098,544	6,260,482	6,450,092	6,628,435
5,208,818	5,576,754	5,854,883	6,107,011	6,266,080	6,456,396	6,632,584
5,208,888	5,579,115	5,861,904	6,112,663	6,266,134	6,471,335	6,637,329
5,247,174	5,583,551	5,861,992	6,115,056	6,267,054	6,476,342	6,637,860
5,249,067	5,592,309	5,875,288	6,116,160	6,268,948	6,476,931	6,640,713
5,283,140	5,594,556	5,894,342	6,121,996	6,270,204	6,477,955	6,641,772
5,291,273	5,600,448	5,900,981	6,130,702	6,283,589	6,493,064	6,641,978
5,305,091	5,608,822	5,934,196	6,134,393	6,295,076	6,494,965	6,646,669
5,323,248	5,615,282	5,946,426	6,136,509	6,299,572	6,503,691	6,648,468
5,325,217	5,625,397	5,947,028	6,137,580	6,318,266	6,509,903	6,652,088
5,339,176	5,625,766	5,958,647	6,147,789	6,328,408	6,511,163	6,654,147
5,343,059	5,636,330	5,966,504	6,158,345	6,336,708	6,520,084	6,660,997
5,355,446	5,649,220	5,969,872	6,159,659	6,340,817	6,530,317	6,661,561
5,359,451	5,650,076	5,973,801	6,164,637	6,352,816	6,541,181	6,665,048
5,359,458	5,652,804	5,986,819	6,165,658	6,353,216	6,544,336	6,665,121
5,367,360	5,680,129	5,995,475	6,180,325	6,366,339	6,545,772	6,670,986
5,384,648	5,691,823	5,996,499	6,181,362	6,371,026	6,550,388	6,684,783
5,384,899	5,691,828	5,998,067	6,181,439	6,377,739	6,564,018	6,704,123
5,412,491	5,696,393	6,003,442	6,186,068	6,387,597	6,567,713	

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Internal 731-00182B-EN Rev C
Revised April 2005

Contents

1 Concepts And Requirements 1

Who Should Use This Guide 2
Introduction 2
Key Concepts in the Prinergy Evo Workflow 3
    How Does Prinergy Evo Access Your Network? 3
What Kind of Files and Fonts Can You Use? 5
    Input File Formats 5
    Output File Formats 6
    File and Folder Naming Best Practices 7
    Supported Fonts 8
    Creo's Plug-ins for Adobe Acrobat 8
Client/Server Hardware and Software Requirements 9
Prerequisites for Prinergy Evo Installation 9
    Turning Off TCP/IP Print Services 10
    Identifying Whether File Server for Macintosh Is Installed 11
    Installing or Starting File Server for Macintosh 11
    Identifying Whether Services for UNIX Is Installed 11
    Installing or Starting Services for UNIX 12
    Installing Macromedia Flash Player 12
    Other Recommended Software 13
Qualified Output Devices 15
Additional Resources 16
Recommended Client/Server System Folders and Account Settings 17
    Folders And File Storage 17

2 Installing Your Prinergy Evo System 23

Installing the Prinergy Evo System 24
Installing Prinergy Evo Server Software 25
    Installing from the DVD 26
    Plugging in the USB Super Pro Key (Dongle) 29
    Installing Prinergy Evo from an eCentral Download 29
    Entering the License Key 30
Starting and Stopping Prinergy Evo Server Software 30
Removing Prinergy Evo Server Software 31
Updating Your Prinergy Evo System 32
    Checking for and Installing Software Updates Via Prinergy Evo Administrator 32
    Changing the Active Software Version 34

Installing Fonts 35
How to Install Creo CJK Font Bundles 35
How to Install Third-Party Fonts Properly 36
Installing Fonts Using the AppleTalk Font Downloader 37
Installing Protected and Unprotected Fonts 38
Using Low-Resolution Fonts in Prinergy Evo 40

3 Installing Your Prinergy Evo Client Software 41

Connecting to, Installing, and Starting Prinergy Evo Client Software 42
Connecting the Prinergy Evo Client to Shared Server Folders on Macintosh Operating Systems 42
Installing Prinergy Evo Client Software on a Macintosh Computer 45
Connecting to, Installing, and Starting the Prinergy Evo Client Software on Windows-Based Computers. 48
Connecting Prinergy Evo Windows-Based Clients to Shared Server Folders Via Mapped Drives 48
Installing Prinergy Evo Client Software on Windows-Based Computers 49
Defining Your Prinergy Evo System and Processing Parameters 49
Starting and Stopping Prinergy Evo Client Software 49
Stopping Prinergy Evo Client Software 50
Removing Prinergy Evo Client Software 51
Using the Prinergy Evo Learning Package and Online Help 53

4 Connecting to a Device 55

Connecting the Prinergy Evo Server Computer to a Device 56
Configuring a Proofing Device 56
Before You Start 56
How to Configure a Proofing Device 57
Configuring an Output Device 60
Before You Start 60
How to Configure an Output Device 60
Installing Harmony on a Prinergy Evo Server Computer 64
Publishing a Virtual Printer 66
Publishing an AppleTalk Virtual Printer 66
Printing from a Windows-Based Computer to a Prinergy Evo AppleTalk Virtual Printer 70
Publishing an AppleTalk Print Port on Your Prinergy Evo Server Computer 70
Adding an AdobePS AppleTalk Printer to Your Windows-Based Computer 71
Publishing a LPR IP Virtual Printer 73
Publishing a LPR IP Virtual Printer 73
Adding a Prinergy Evo LPR IP Virtual Printer to a Mac OS X-Based Computer 75
Adding the LPR IP Virtual Printer on a Mac OS X-Based Computer 76
Printing from a Windows-Based Computer to a Prinergy Evo LPR IP Virtual Printer 77
Publishing a LPR Port on the Prinergy Evo Server Computer 77
Adding the LPR IP Virtual Printer on Your Windows-Based Computer 79
Printing to a PostScript File from a Desktop Application 81
Creating an AdobePS Virtual Printer on Prinergy Evo Windows Clients 82
Submitting Files from Prinergy Evo Client to a UNIX Server 83

A Migrating Configuration Settings to Windows 2003 Server 85

Before You Begin 86
Migrating Settings Between Prinergy Evo Released Versions 90
Setting the Prinergy Evo Services to Manual 93
Uninstalling pcAnywhere 93
Making Windows 2000 Server BIOS and Firmware Windows 2003 Server Compatible 95
Flashing the System ESM 97
Making Windows 2000 RAID Firmware and Drivers Windows 2000 Server Compatible 97
Installing the Windows 2003 Server Operating System 100
Configuring Windows 2003 Server Operating System Settings 102
Updating Prinergy Evo Server with the Latest Windows 2003 Updates 105
Update the Windows 2003 Server RAID Firmware and Drivers 105
Installing and Migrating Configuration Settings 107

B Troubleshooting 109

Reporting Problems to Creo 110
Saving and Restoring Your Prinergy Evo System Configurations 110
Unable to Open Prinergy Evo Client Online Help from a Windows-Based Client Computer 110
Error Messages Appear When Opening the Client Online Help on Windows-Based Server Computers 111
Can't Access the Prinergy Evo Server Web Server 111
Windows 2003 Server Security Settings Prohibit Active X Controls 112
Error Message Prompting You to Install Macromedia Flash Player Appears 112
Unable to Download Updates via the Updates Tab 113
Recovering Your Prinergy Evo System 114
Reinstalling Prinergy Evo 116
Other Troubleshooting Resources 117

Glossary 119

Index 129

1

Concepts And Requirements

Who Should Use This Guide 2

Introduction 2

Key Concepts in the Prinergy Evo Workflow 3

What Kind of Files and Fonts Can You Use? 5

Client/Server Hardware and Software Requirements 9

Prerequisites for Prinergy Evo Installation 9

Qualified Output Devices 15

Additional Resources 16

Recommended Client/Server System Folders and Account Settings 17

Who Should Use This Guide

This guide is intended for anyone who installs or configures Prinergy® Evo 1.2. It explains how to install the software and points out procedures that are specific to your Prinergy Evo system.

To use this manual, you should:

- Have a working knowledge of prepress operations
- Be familiar with the Windows® operating system
- Be familiar with the Macintosh® operating system
- Have a basic understanding of computer network systems

Introduction

Prinergy Evo is PDF-based prepress software that organizes prepress and plate production. Prinergy Evo supports tasks such as trapping, proofing, filmmaking and platemaking of single page and imposition PostScript, PDF, and imposition files. Prinergy Evo can be configured to act as the output processing engine for a proofing, filmmaking, or platemaking device by directly processing PDF or PostScript Level 2 or PostScript 3™ files.

Prinergy Evo is a client/server system, meaning there can be many client computers connected to and running from one server computer. In a client/server system, client and server computers work together to perform the processing of an application. Client computers are connected to the server via network connections and shared folders. The client software sends a request via a network connection to the server software, which initiates the requested service, and then sends the relevant information back to the client software.

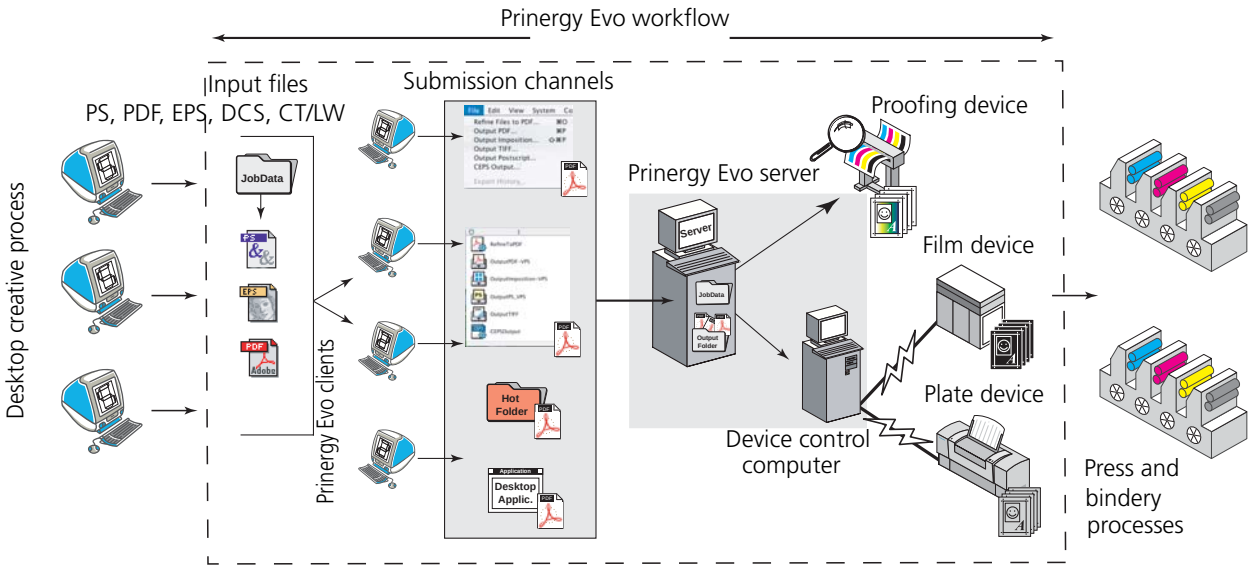


Figure 1: Prinergy Evo client/server system connections and the path of information between the clients, server, and output devices via shared folders and network paths

Key Concepts in the Prinergy Evo Workflow

For more information on key concepts and general workflows in Prinergy Evo, see the *Prinergy Evo Quick Reference Card*, Introduction to Prinergy Evo - Web based training (WBT) or Prinergy Evo Learning Guide, and the Prinergy Evo Client Online Help.

For information on the on-going administration of a Prinergy Evo system, see the *Prinergy Evo System Administration Guide*.

How Does Prinergy Evo Access Your Network?

In the Prinergy Evo client/server environment, the client acts as a window to the server. This means that when you make any settings in the client, those settings affect what the Prinergy Evo Server does. For example, when you create a hot folder in the Prinergy Evo Client software, the hot folder is actually created on the Prinergy Evo server computer, or on a network computer.

In order to access Prinergy Evo network directories from the Prinergy Evo Client software, you need to mount those volumes on the client computer.



If you are mounting file server volumes on a Mac OS® 9.2.x client computer, **File Server for Macintosh** must be installed on your Prinergy Evo server computer and any other file servers running Windows operating systems. Otherwise, you will receive a `File unavailable to Server` error message when you try to access the mounted volume on your Prinergy Evo client computer.

For example, if you want to create hot folders within a share on the Prinergy Evo server computer, you must mount that share on the Prinergy Evo client computer so that the Prinergy Evo Client software can connect to it.

Although you access the Process Template Editor dialog box from the Prinergy Evo Client software, the Process Template Editor dialog box is installed on and runs from the Prinergy Evo server computer.

Therefore, when accessing network directories from the Process Template Editor dialog box, File Browser dialog box, click **Network** to locate domains, computers, and shared folders that are accessible from the Prinergy Evo server computer.

What Kind of Files and Fonts Can You Use?

Prinergy Evo supports a number of different font types, and input and output file formats.

Input File Formats

Prinergy Evo supports the following types of input files:

- PDF 1.2, 1.3, 1.4, and 1.5 (separated or composite), generated by qualified third party software, for example, Acrobat® Distiller® 3.0, 4.0, 5.0, or 6.0
- PDF/X-1a and PDF/X-3
- PostScript Level 1 or 2, and PostScript 3™ (separated or composite) to be refined to PDF or directly processed for output
- EPS (Encapsulated PostScript) to be refined to PDF or to be directly processed for output
- DCS and DCS-2 (both single- and multi-file versions) to be refined to PDF or directly processed for output
- PDF job tickets generated by qualified applications
- JDF (for output processing)
- PJTF (for output processing)

The following input formats are also supported if you have a CEPS Conversion licence.

- CT/LW (Brisque® software and PS/M software version 5 and later)—includes New, Native, and Handshake formats of CT and LW



Note: To use CT/LW files that are not output from Brisque, you must first use the CEPSLink application to convert the files to PostScript.

- TIFF/IT-P1

Some Prinergy Evo functionality such as trapping and color management is not available for color-separated or raster files.

If you submit a mix of separated and composite input files, and you have trapping enabled, the separated files will pass through the trapper without being trapped, but the composite files will be trapped.

The recombine feature allows you to generate composite PDF files from separated input, enabling you to rerefine the new composite file and apply trapping and color management to it. But, if you don't perform the recombine, separated files cannot be trapped or color managed.

PDF 1.4 or 1.5 and Transparency

PDF 1.4 and 1.5 pages with transparency that are submitted directly to Prinergy Evo are detected and automatically flattened at the highest quality setting.

Output File Formats

Vector Formats

- PDF 1.3, 1.4, 1.5 (separated or composite, depending on the input type)
- PostScript Level 2 and PostScript™ 3
- DCS Vector
- CEPS Output (supports both CT/LW and TIFF/IT)
- CIP3 and CIP4/JDF via PrintLink
- PDF X/1a:2001
- PDF X/3

Raster Formats

- Screened or continuous tone raster DCS-2 (1-bit and 8-bit)
- Screened or continuous tone raster EPS (1-bit and 8-bit)
- Virtual Proofing System
- Screened or contone TIFF (1-bit and 8-bit)
- TIFF composite (8-bit)
- Contone Scitex CT (8-bit)
- Contone Scitex CT/LW and TIFF/IT (8-bit)
- Screened or contone HPRTL (1-bit and 8-bit)
- Contone RGB JPEG (8-bit)

File and Folder Naming Best Practices

When you name your input files or folders, Creo recommends that you do not use the following characters because they may cause problems if you try to copy files from your Macintosh computer to the Prinergy Evo server computer, or when you try to process your files:

? “ / \ < > * | : % $ ( ) +

] [. ... , ; ^ & { } # ‘ ~

- Do not use hard spaces and trailing spaces in your file names.
- Use a period (.) only when using file extensions (for example, readme.txt).
- Do not use trailing periods in folder names.
- Use only letters and numbers in file names to avoid any problems.
- File names cannot be longer than 32 characters.

Supported Fonts

Prinergy Evo supports the following font formats:

- PostScript fonts stored in Macintosh or Windows binary format
- TrueType fonts stored in Macintosh or Windows binary format
- TrueType fonts stored in PFA formats
- Standard font set including 193 base PostScript 3 typefaces

Creo's Plug-ins for Adobe Acrobat

Prinergy Evo includes the following plug-ins to Adobe Acrobat®:

- **Separation Viewer**: Lets you view the separations in PDF files
- **Dot Shop™ software:** Lets you view, select, and edit halftone screening in a PDF file
- **Geometry Editor**: Lets you visually set the trim size for a page
- **Trap Viewer:** Lets you view traps created by the Creo trapper during the refine process and view separations
- **Trap Editor**: Lets you view, edit, and recreate traps created by the Trap JTP. The Advanced Trap Editor includes special features for packaging printers. Trap Editor is licensed software
- **View Accelerator**: Speeds up the display of PDF pages by using low-resolution (alternate) images



Important: You must have Adobe Acrobat 5.05 or later installed on your Prinergy Evo system in order to use Creo plug-ins for Adobe Acrobat.

Client/Server Hardware and Software Requirements

See the Prinergy Evo product specifications document on eCentral for the list of client and server hardware and software requirements.

Prerequisites for Prinergy Evo Installation

The following prerequisites for your Prinergy Evo client/server computers must be met before you install Prinergy Evo.

- The Prinergy Evo server computer must have at least 4 GB of free hard disk space available.
- Prinergy Evo client and server computers must be connected with a 100BaseT or faster LAN.
- If you want to submit files from a Prinergy Evo refine to PDF LPR IP virtual printer, **TCP/IP Print Services** must be turned off or set to manual in Windows 2000 Server or Windows 2003 Server. For more information, see *Turning Off TCP/IP Print Services* on page 10.
- If you want to install the Prinergy Evo Client software on a Mac OS 9.2.x operating system, the Prinergy Evo server computer and any additional file servers running Windows 2000 Server or Windows 2003 Server must have the **File Server for Macintosh** subcomponent installed. You cannot submit files on file servers running Windows NT from a client computer running Mac OS 9.2.x. For more information, see *Identifying Whether File Server for Macintosh Is Installed* on page 11.
- If you want to connect to the Prinergy Evo server computer, or mount volumes, via AFP (Apple File Protocol), install MUAM (Microsoft® User Authentication Module) for Mac OS 9.2.x, Mac OS X, and Windows, depending on the Prinergy Evo client computer's operating

system, and on the Prinergy Evo server computer. MUAM enables you to enter Windows operating system passwords. The authentication scheme built into Mac OS 9 is restrictive and less secure.

- If you want to submit files from a UNIX® server computer, the Prinergy Evo server computer and any additional file servers running Windows 2000 Server or Windows 2003 Server must have the **Services for UNIX** subcomponent installed.
- As part of a networked Windows environment, Prinergy Evo requires that you set up user accounts and groups.



For information on setting up user accounts and groups, see the *Prinergy Evo System Administration Guide*.

- Server computers should have access to the Internet so that you can check for and download any Prinergy Evo software updates and for remote support service. For effective downloads and software updates, we recommend that the server has broadband Internet access.
- In order to use the search engine in the Prinergy Evo Client online help you must install Macromedia® Flash™ Player.
- In order to run the Introduction to Prinergy Evo WBT, you must install Macromedia Flash and Shockwave™ Players.

Turning Off TCP/IP Print Services

1. On your server desktop, select **Start** > **Settings** > **Control Panel** > **Administrative Tools** > **Component Services.**

   The Component Services dialog box appears.

2. In the box on the right, select **TCP/IP Print Services**.
3. In the **Status** column, check the status of **TCP/IP Print Services.**
4. If the status reads as **Started**, right-click on **TCP/IP Services** and select **Properties** from the shortcut menu.

   The TCP/IP Print Services dialog box appears.

5. On the **General** tab, click **Stop.**
6. In the **Startup Type** box, select **Disabled**.
7. Click **OK.**

Identifying Whether File Server for Macintosh Is Installed

1. On your server desktop, select **Start** > **Settings** > **Control Panel** > **Administrative Tools** > **Component Services**.

   The Component Services dialog box appears.

2. Select the **Services** option, and in the box on the right, check to see if the status of File Server for Macintosh is **Started** and if the **Startup Type** is **Automatic**.

   If File Server for Macintosh does not appear, you need to install or start the File Services for Macintosh.

Installing or Starting File Server for Macintosh

1. On your server desktop, select **Start** > **Settings** > **Control Panel** > **Add/Remove programs** > **Add/Remove Windows Components**.

   The Windows Component Server wizard appears.

2. In the **Components** box, select the **Other Network File and Print Services** check box.

3. Follow the instructions in the wizard to start or install the File Server for Macintosh.



For more information on enabling Windows 2000 Server or Windows 2003 Server for read or write access from a Macintosh, see the Windows Server documentation.

Identifying Whether Services for UNIX Is Installed

If you want to submit files to a UNIX server computer, you must have Services for UNIX installed and started on your Prinergy Evo server computer.

1. On your server desktop, select **Start** > **Settings** > **Control Panel** > **Administrative Tools** > **Component Services**.

   The Component Services dialog box appears.

2. Select the **Services** option, and in the box on the right, check to see if the status of Services for UNIX is **Started** and if the **Startup Type** is **Automatic**.

   If Services for UNIX does not appear, you need to install or start **Services for UNIX**.

Installing or Starting Services for UNIX

1. On your server desktop, select **Start** > **Settings** > **Control Panel** > **Add/Remove programs** > **Add/Remove Windows Components.**

   The Windows Component Server wizard appears.

2. In the **Components** box, select the **Other Network File and Print Services** check box.

3. Follow the instructions in the wizard to start or install the Services for UNIX.



For more information on enabling Windows 2000 Server or Windows 2003 Server for read or write access from a UNIX Server, see the Windows Server documentation.

Installing Macromedia Flash Player

To install Macromedia Flash Player, you can install the free download directly from the **http://www.macromedia.com/software/flashplayer/** web site, before installing Prinergy Evo Client software and starting the online help.

Alternatively, you can install the Flash Player software after you have installed Prinergy Evo Client software, and started the online help. The Prinergy Evo Client Online Help prompts you with an error message that the help system should be run with Flash Player and provides you with a link to download and install the Flash Player software.



Important: Depending on your Prinergy Evo client computer operating system, you may be required to change your Internet Security settings to Enable or Prompt Active X controls in order to run the Prinergy Evo Client online help and the WBT. You may also need to add the Prinergy Evo Client web server and ***.macromedia.com** as trusted sites.

Other Recommended Software

Table 1: Software required to install or run Prinergy Evo workflow components

Software	Why You Need It	Where to Find Help and Training	Where It Is Installed
Harmony 1.0.2 (on the Prinergy Evo DVD)	Creates calibration curves that you can use to calibrate your proofing and output devices	*Harmony User Guide* and *Harmony WBT (web based training)*	Prinergy Evo server computer. See *Installing Harmony on a Prinergy Evo Server Computer* on page 64.
Virtual Proofing System software (on the Prinergy Evo DVD, Prinergy Evo Client)	Enables you to preview the layout and geometry of your proofs. If you want to preview only the content, you can also use Acrobat Reader.	*Virtual Proofing System Tutorials* and *Virtual Proofing System online help*	Prinergy Evo client computer. See the Prinergy Evo Client software installation readme file for more information on installing the Virtual Proofing System software.
Preps 4.2.3 or later (optional)	Enables you to create imposition layouts, apply refined or distilled PDF files, and output populated PJTF or JDF files for submission to Prinergy Evo	*Preps User Guide* and *Learning Preps Guide* (shipped with your Preps imposition software)	Either the Prinergy Evo server or client computer, or a different computer that can mount the required Prinergy Evo server computer shared folders
Pandora 2.5 or later (optional)	Enables you to create packaging layouts, apply refined or distilled PDF files and output a populated PJTF file for submission to Prinergy Evo	*Pandora User Guide* and *Learning Pandora Guide* (shipped with your Pandora software)	Either the Prinergy Evo server or client computer, or a different computer that can mount the required Prinergy Evo server computer shared folders.

Software	Why You Need It	Where to Find Help and Training	Where It Is Installed
Adobe Acrobat 5.0.5 or higher (optional)	Enables you to preview any PDF files produced by Prinergy Evo and to interact with the files using the Creo plug-ins for Adobe Acrobat.	*Adobe Acrobat documentation*	Prinergy Evo client computer
Creo's plug-ins for Adobe Acrobat (on the Prinergy Evo DVD) **Important:** Must have Adobe Acrobat installed to run the plug-ins.	See *Creo's Plug-ins for Adobe Acrobat* on page 8.	Geometry Editor plug-in online help Trap Viewer plug-in online help TrapEditor plug-in online help View Accelerator plug-in online help DotShop plug-in online help DotShop™ Composer documentation	Prinergy Evo client computer
Remote ServiceWire	Creates a communication layer for a remote support session and enables Creo service representatives to provide you with remote support		Prinergy Evo server computer. The Remote ServiceWire software is automatically installed with the Prinergy Evo Server software.
Terminal Services	Enables Creo service representatives to provide you with remote support.	Terminal Services is a component of Microsoft Windows. Consult your Microsoft Windows help.	Prinergy Evo server computer

Qualified Output Devices

Table 2: Output devices qualified for Prinergy Evo

Device Family	Model	Platemaker, Filmmaker, or Proofing Devices	Where To Find Connectivity Information
Trendsetter® Spectrum and platesetter	400 and 800II, MCE, MPE, Autoloader, and Continuous load	Proofing and platemaking	*Prinergy Evo to Trendsetter Connectivity User Guide*
Lotem® Spectrum and platesetter	400 (FH), 400 Quantum, 800 II, 800 Quantum	Proofing and platemaking	*Prinergy Evo to Lotem 800 II /Lotem 800 Quantum Family Connectivity User Guide*
Dolev® imagesetter	800V, 800V2, 800V3	Film-making	*Prinergy Evo to Dolev 800 V Family Connectivity User Guide*
Spire™	4.0	Press and proofing	*Prinergy Evo to Spire Connectivity User Guide*
Integris™ proofer	400 and 800	Proofing	*Prinergy Evo to Integris Connectivity Technical Bulletin*
Veris™ proofer	All models	Multi-drop array proofing	*Prinergy Evo to Veris Connectivity Technical Bulletin* See the Veris eCentral site.
Hewlett-Packard™ proofer	HP 5500 and 1050 HP DesignJet 50, 20, and 10	Proofing	Contact your Creo service representative.
Epson® proofer	Epson 10600, 10000, 9600, and 7600 (Agfa Sherpa M)	Proofing	Contact your Creo service representative.
Iris®	Iris43Wide	Proofing	See the Iris43Wide documentation.

Additional Resources

Copies of the *Prinergy Evo Quick Reference Card* and the *Prinergy Evo System Administration Guide* are available on the Prinergy Evo server computer. To access the documents, navigate to
\\<your server name>\PgyEvoInstll\doc

To access copies of the Prinergy Evo training material, see the Prinergy Evo Learning Kit DVD.

Documents	Description
Prinergy Evo Quick Reference Card	Provides an installation checklist, system overview, and basic configuration information. Designed to help you understand how the parts of the Prinergy Evo system work together, how to create submission channels, and how to submit files for output.
Prinergy Evo Client online help	Provides reference and procedural information to help you configure and manage your Prinergy Evo system
Prinergy Evo Administrator online help	Provides reference and procedural information on the Prinergy Evo Administrator software
Prinergy Evo System Administration Guide	Provides system administration information to help you configure and manage your Prinergy Evo system
Prinergy Evo Learning Paths	Helps you determine which learning tools to focus on based on the type of job you do. Consult this document first to determine what your learning path should be.

Documents	Description
Prinergy Evo Learning Guide Introduction to Prinergy Evo WBT	Introduces the product. Tells you what Prinergy Evo is and what it does
Prinergy Evo Task Oriented Activities	Provides a hands-on perspective of how to use the Prinergy Evo software, with a realistic view of the product. Prepares you to start actively using Prinergy Evo.

Recommended Client/Server System Folders and Account Settings

Although not required, we recommend that you follow these file storage and folder practices for maximum system performance and consistency.

You can set up your file folders before or after you install Prinergy Evo.

Once organized, you can use relative paths and placeholders to define the OPI and font search paths, and to define output paths to hot folders and to static folders.



For more information on recommended best practices, see the *Prinergy Evo System Administration Guide*.

Folders And File Storage

Creo recommends that you store all working and input files on the Prinergy Evo server computer, in the **JobData** shared folder that was created when you installed the Prinergy Evo Client software.

Creo recommends that you embed all fonts during output from your desktop application (for example, QuarkXPress).

If the fonts are not embedded in the source file, Creo recommends that you convert the fonts to PostScript Font ASCII (PFA) format, using any font converter that provides good PFA format, and put all of the converted fonts into one global font folder on the Prinergy Evo server computer. In

your refine to PDF process templates, make sure all of your Font search paths point to the one global font location. You can use relative search paths to define the font search path.



For more information on setting OPI and font search paths in refine to PDF process templates, see the Prinergy Evo Client online help.

If you are not licensed to use Prinergy Evo refine to PDF, make sure that any PDF files you receive were created with the fonts embedded or were created as PDF/X-1a:2001 or PDF/X-3.



Tip: If you are using OPI high-resolution image replacement, and you received a QuarkXPress file and an images folder from your client, you will need to relink all your image paths in QuarkXPress.

OPI does not search subfolders automatically. It only searches folders specified in the OPI image references. You should make sure your process template image paths point to the same directory used when setting or linking image paths in QuarkXPress.

If you have images with the same name in different folders, create an image path that points to the image folder with the correct image for the process, and make sure it is at the top of the image path list in the refine to PDF process template.

Suggested Job Folder Organization Using Relative Paths

In the **JobData** folder, create folders and name them based on customer names or tracking numbers.

For example, if you have a customer job with a docket number: 22-527 for Acme Supplies, make a folder in the main directory of **JobData** called **22-527_AcmeSupplies**. In this folder, create the sub folders:

Application_Files to store native documents and support files from your desktop applications, such as QuarkXPress and Adobe InDesign®, and so on

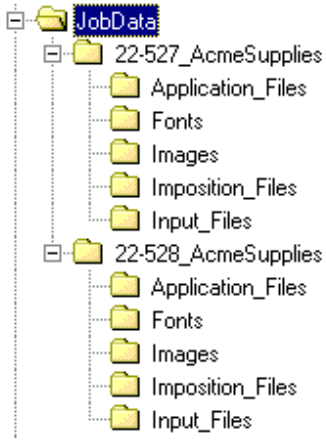
Input_Files to store PostScript printed to file, or PDF files you want to submit to Prinergy Evo's refine process

Imposition_Files to store PJTF and JDF imposition or layout files if you create imposition files from qualified software (for example, Preps® software)

Images to store high-resolution images for OPI replacement for the particular process if you work with thin PostScript and OPI

Fonts to store fonts used in the input files, but not embedded in them if you work with files that don't have all fonts embedded

Your **JobData** directory structure should look like this:





Tip: To save time creating your **JobData** folder structure, once you have created an initial job or docket folder with the relevant subfolders, make a copy of the job or docket folder and rename it to the required new job or docket name.

Once your directory structure is set up, you can configure your process templates with relative paths, which will enable you to reuse your process templates without having to change the output paths for each process you want to submit.



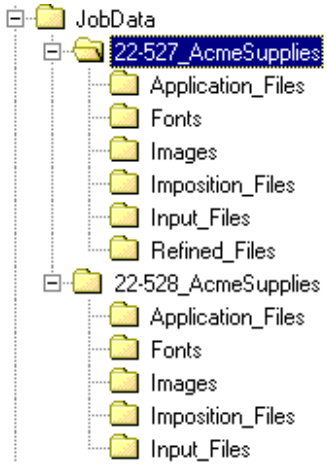
Important: You can only use relative file paths if you submit your files via the **Template Palette** or **File** menu submission channels. Relative output paths in process templates attached to hot folder and virtual printers do not work because the input file is not within the job folder structure. In the case of the hot folder and virtual printers, the input file is inside one of the work folders. Therefore, Prinergy Evo will be placed the output files somewhere relative to the work folder and not the **JobData** folder subfolders. We recommend that when you submit input files to Prinergy Evo via hot folder or virtual printer submission channels, type a direct output path in the **Device Path** box in the **Processed File Preferences** section in the process template dialog box.

Process Template	Normalize sections (Relative Search Path)	Processed File Preferences (Relative Output Path)
Refine to PDF	OPI search path: **../Images** Font search path: **../Font**	**../Refined_Files**

Using the double dots (..) instructs Prinergy Evo to go one directory level higher from the folder that the input file came from and then to look in a particular directory.

If a directory specified in the **Processed File Preferences** sections, **Device Path** box, in either a Refine to PDF or output process template, does not exist, Prinergy Evo automatically creates the directory.

Submit your input files from the relevant **Input_Files** folder. When files are refined, your **JobData** directory structure should look as follows:

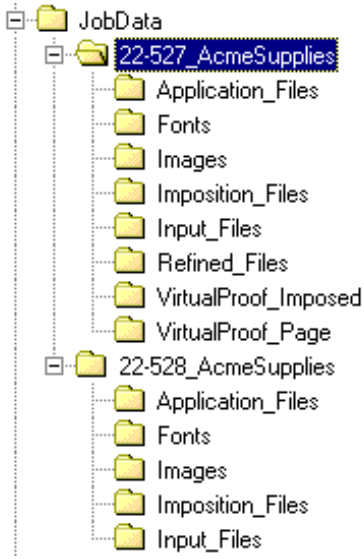


The **Refined_Files** folder stores the refined PDF files made from the input files.

You can also configure your output process templates with relative output paths. For example, to organize your virtual proof output.

Process Template	Processed File Preferences (Relative Output Paths)
Output PDF	**..\VirtualProof_Page**
Output Imposition	**..\VirtualProof_Imposed**

When virtual proofs are generated for PDF and Imposed output, your **JobData** directory structure will look something like this:



Using relative output paths helps keep Prinergy Evo's job folders organized, and makes it easy for you to work within the **JobData** folders because they are self-contained and portable. This also means that after the process is imaged, you can archive the entire folder (to DVD, tape, CD, and so on). Archiving the entire folders enables you to easily reproduce or reuse the process later as all the required files are archived together in one folder.



For more information about using relative output paths, see the Prinergy Evo Client online help.

2

Installing Your Prinergy Evo System

Installing the Prinergy Evo System 24
Installing Prinergy Evo Server Software 25
Starting and Stopping Prinergy Evo Server Software 30
Removing Prinergy Evo Server Software.....31
Updating Your Prinergy Evo System.....32
Installing Fonts.....35
Using Low-Resolution Fonts in Prinergy Evo.....40

Installing the Prinergy Evo System

When installing the Prinergy Evo Client/Server system, you need to first install the Prinergy Evo Server software on the server computer and the Prinergy Evo Client software on all licensed client computers, and then connect the software.



For information on connecting and setting up your device and media parameters, see your device documentation.

Follow these steps to install the Prinergy Evo system:

1. Ensure that your Prinergy Evo client and server computer installation prerequisites have been met. See *Prerequisites for Prinergy Evo Installation* on page 9.
2. Connect your device to the Prinergy Evo server computer or as a network share. See your device documentation for more information on connecting your device.
3. Install the Prinergy Evo Server software. See *Installing Prinergy Evo Server Software* on page 25.
4. Enter your Prinergy Evo license keys. See *Entering the License Key* on page 30.
5. On the Prinergy Evo server computer, plug in the USB Super Pro Key (USB dongle) that is in your Prinergy Evo software kit. See *Plugging in the USB Super Pro Key (Dongle)* on page 29.

   After you finish installing, Prinergy Evo Server starts automatically. See *Starting and Stopping Prinergy Evo Server Software* on page 30.
6. If the Prinergy Evo client computer is a Macintosh, mount volumes to the shared folders on the Prinergy Evo server computer. If it is a Windows client, map a drive to the Prinergy Evo server's shared folders.



Note: If you are mounting file server volumes on a Mac OS® 9.2.x client computer, **File Server for Macintosh** must be installed on your Prinergy Evo server computer and any other file servers running Windows operating systems. Otherwise, you will receive a `File unavailable to Server` error message when you try to access the mounted volume on your Prinergy Evo client computer.

7. Install the Prinergy Evo Client software.
8. Start the Prinergy Evo Client software to connect to the Prinergy Evo Server software. For more information see, *Starting and Stopping Prinergy Evo Client Software* on page 49.
9. Read through the *Prinergy Evo Learning Guide* or *WBT* and online help to familiarize yourself with the software.
10. Configure the Prinergy Evo Client software.



See *Connecting to a Device* on page 55 for more information on connecting Prinergy Evo to a device.

See the Prinergy Evo Client online help for more information on defining your Prinergy Evo system and processing parameters.



Important: Hot folders and input files must reside in folders on which the Prinergy Evo Server has read, write, and modify privileges in order for Prinergy Evo to process the input files.

11. Run a test file to make sure the client and server computers are connected properly.

Installing Prinergy Evo Server Software

When installing Prinergy Evo Server software, you can install or update your software:

- From a DVD
- From eCentral

  For more information about updating your Prinergy Evo software, see *Updating Your Prinergy Evo System* on page 32.

The main difference between installing and updating your Prinergy Evo software is that during your Prinergy Evo installation you are required to plug in the USB Super Pro Key (dongle) in your Prinergy Evo software kit.



Note: If you download the installation software from eCentral, you will still need to order and plug in a USB Super Pro Key before you can run Prinergy Evo.

If you update your software, the dongle is already plugged in.

If you want to reinstall a version, you must remove the version first. If the installation has been corrupted, you must manually remove the installation before you can reinstall. Contact your Creo service representative for information about manually removing your Prinergy Evo Server software.

Installing from the DVD

To install Prinergy Evo software from the DVD:

1. Insert the Prinergy Evo DVD into the Prinergy Evo server computer DVD drive.

   The Prinergy Evo Setup dialog box appears.

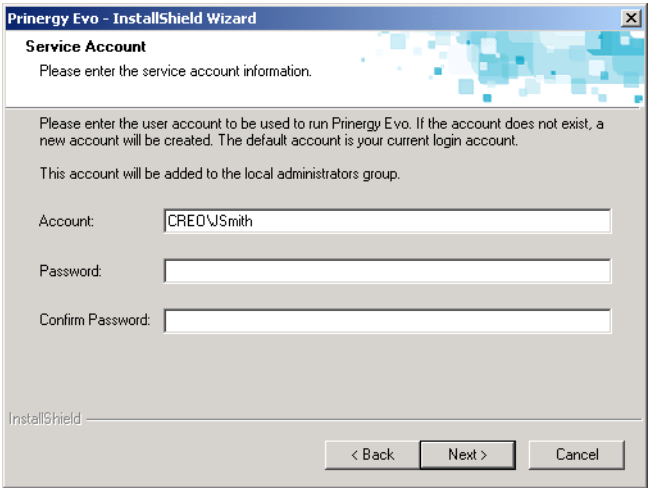
2. Click **Install Prinergy Evo.**

3. Click **Install Server.**

   The InstallShield Wizard appears.

4. Click **Next** and follow the instructions in the wizard.

   Note that when the Service Account dialog box appears, the **Account** box defaults to the account you logged into the computer with.



Unless it is already a member, the Prinergy Evo installer adds the user account you enter in the Service Account dialog box to the administrative group on the local computer, and runs the Prinergy Evo service under that user account. If the Prinergy Evo server computer needs to read files from and write files to other computers—for

example, file servers—the account needs to have read and write privileges on the shared folders that Prinergy Evo is reading from and writing to.



For more information on setting up user accounts and Prinergy Evo Network Services, see the *Prinergy Evo System Administration Guide*.

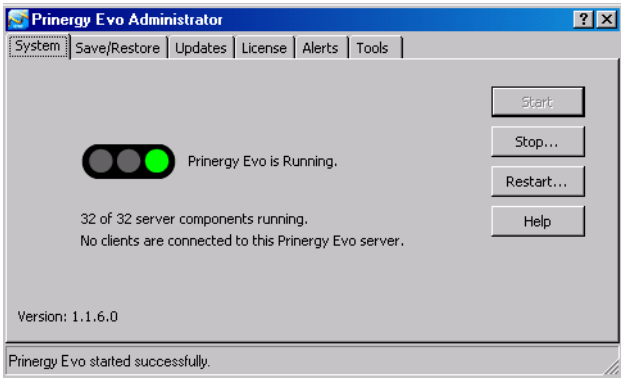
5. Accept the default account or in the **Account** box, type the new account that you want Prinergy Evo services to operate under.
6. In the **Password** box, type the account password.
7. In the **Confirm Password** box, type the password again.
8. Click **Next**.
9. At the final wizard dialog box, click **Finish**.

   The Prinergy Evo License Key dialog box appears.
10. If you are installing Prinergy Evo, plug in your USB Super Pro Key (dongle). See *Plugging in the USB Super Pro Key (Dongle)* on page 29.
11. In the **License key** box, type the license key number that appears on your Prinergy Evo DVD case.

    If you do not have a license key number, click **Obtain Key** to order one. See *Obtaining a License Key* on page 28.
12. Click **Next**.

    Prinergy Evo verifies that the license key is correct. The License Verified dialog box appears.
13. Click **Yes start Prinergy Evo now**.
14. Click **Finish**.

    Prinergy Evo Server software starts and the Prinergy Evo Administrator dialog box appears.



The **System** tab displays the Prinergy Evo status.

15. If you want to process one-bit screened files, and want to calibrate your device, install Harmony software. See *Installing Harmony on a Prinergy Evo Server Computer* on page 64.

16. Connect to, install, and start Prinergy Evo Client software. See *Connecting to, Installing, and Starting Prinergy Evo Client Software* on page 42.

Where Is Data Stored?

During Prinergy Evo installation, the Prinergy Evo InstallShield wizard creates shared **HotFolders** and **JobData** folders. If you have more than one hard drive, you are prompted during installation to select which hard drive you want the shared folders to reside on. It is recommended that the shared folders reside on non-system hard drives on which the Prinergy Evo server computer has read, write, and modify privileges.



See the Prinergy Evo Administrator online help for more information on where Prinergy Evo stores data.

Obtaining a License Key

1. If you do not have a license key, in the Prinergy Evo License Key dialog box, click **Obtain Key**.

   A license key request e-mail dialog box appears.

2. In the e-mail dialog box, request that Creo e-mail you a license key and USB Super Pro Key identification number.

3. Click **Send.**

   Creo will email you a valid license key.

4. In the **License Key** box, copy and paste the license key number.

Plugging in the USB Super Pro Key (Dongle)

If you are installing Prinergy Evo, you must plug in the USB Super Pro Key that is in your Prinergy Evo software kit.

On the Prinergy Evo server computer, plug the USB Super Pro Key into an available USB slot.



Tip: If during installation the dongle driver does not install properly and Prinergy Evo prompts you with an error message regarding the Sentinel dongle driver, install the dongle driver manually. The dongle driver is available on the Prinergy Evo server computer in <drive>:**Program Files\Creo\Prinergy Evo\setup\Sentinel.exe**. Double-click the executable to start the installation wizard.

Installing Prinergy Evo from an eCentral Download

If you are installing Prinergy Evo from an eCentral download, you must ask Creo to send you a USB Super Pro Key and license key before you can install the Prinergy Evo software. For information on requesting a license key, see the Prinergy Evo Administrator online help.

1. In eCentral, save the Prinergy Evo installation executable file (**Prinergy Evo.exe**) to a folder on your Prinergy Evo server computer.

2. From the folder, double-click the **Prinergy Evo.exe** file.

   The InstallShield Wizard appears.

3. To complete the installation, follow steps 2 to 13 in *Installing from the DVD* on page 26.

Entering the License Key

If you upgrade your Prinergy Evo system with additional JTPs or features, you must enter a new license key. You can obtain new license keys and add and manage license keys from the **License** tab in the Prinergy Evo Administrator dialog box.

Once you add your license key, we recommend that you save the license key information to a logical location so that you can easily retrieve the number.



For more information on obtaining new keys, and adding, saving, and managing license keys, see the Prinergy Evo Administrator online help.

If you are updating your Prinergy Evo software, your license key information is automatically migrated.

Starting and Stopping Prinergy Evo Server Software

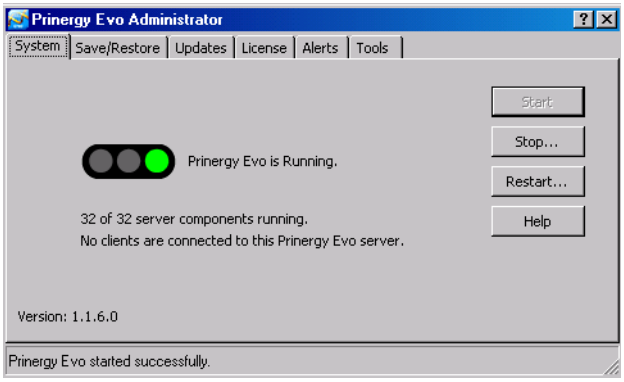
After you install Prinergy Evo Server software, it starts automatically as part of the installation procedure.

However, you can manually start, restart, or stop Prinergy Evo Server from the Prinergy Evo Administrator dialog box or the Prinergy Evo Administrator system tray's right-click menu.

To start Prinergy Evo Server software from the Prinergy Evo Administrator dialog box:

1. On the desktop, select **Start** > **Programs** > **Prinergy Evo <version #>** > **Prinergy Evo Administrator**.

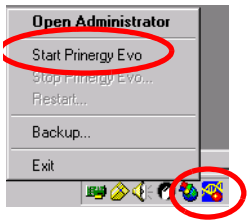
   The Prinergy Evo Administrator dialog box appears.



2. From the **System** tab, click **Start**.

To start Prinergy Evo Server software from the system tray:

➢ On the **Prinergy Evo Administrator** system tray icon, right-click, and select **Start Prinergy Evo** from the short-cut menu.





See the Prinergy Evo Administrator online help for more information on restarting Prinergy Evo Server.

To manually stop Prinergy Evo Server software:

➢ Follow the procedures described in *Starting and Stopping Prinergy Evo Server Software* on page 30, except from the short-cut menu, select the **Stop Prinergy Evo** option or, from the Prinergy Evo Administration dialog box, **System** tab, click **Stop**.

Removing Prinergy Evo Server Software

When removing Prinergy Evo Server software, you can remove either:

- All Prinergy Evo Server software versions
- A specific Prinergy Evo Server software version

To remove the Prinergy Evo Server software:

1. Stop the Prinergy Evo Client software. See *Starting and Stopping Prinergy Evo Client Software* on page 49.
2. Stop Prinergy Evo Server software. See *Starting and Stopping Prinergy Evo Server Software* on page 30.
3. From the desktop, select **Start** > **Programs** > **Prinergy Evo <version #>** > **Prinergy Evo Setup**.

   The InstallShield Wizard appears.

4. Select the **Remove installed version(s) option** and click **Next.**
5. If you want to remove a specific version, in the Select Version dialog box, **Version** box, select the specific Prinergy Evo version.
6. If you want to remove all versions, in the Select Version dialog box, **Version** box, select **all versions**.
7. In the Which version do you want to activate next dialog box, in the list, select the software version you want to become active after you remove the current version.
8. Follow the remaining instructions in the wizard to remove the software.

Updating Your Prinergy Evo System

To update your Prinergy Evo system you must update both the Prinergy Evo Server software and the Prinergy Evo Client software.

Updating your Prinergy Evo software enables you to:

- Update your Prinergy Evo software from software releases posted on the Prinergy Evo eCentral site
- Install multiple versions of Prinergy Evo software on the Prinergy Evo server computer. Only one version is active at a time
- Switch between different installed versions

Checking for and Installing Software Updates Via Prinergy Evo Administrator

You check for and install Prinergy Evo software updates from the Prinergy Evo Administrator dialog box.

1. On the server desktop system tray, right-click the **Prinergy Evo** icon, and select **Open Administrator** from the short-cut menu.

   The Prinergy Evo Administrator dialog box appears.
2. Select the **Updates** tab to check if a new Prinergy Evo software update or release is available.

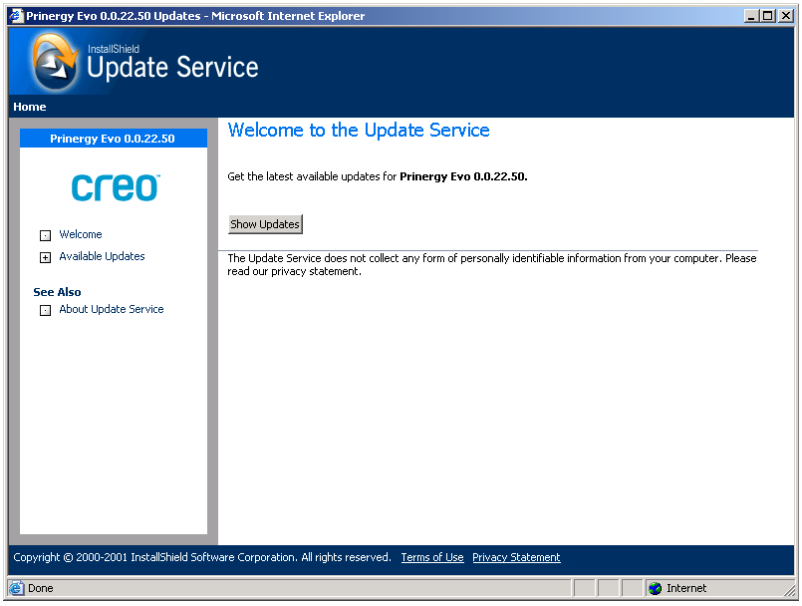
3. Click **Check Now.**

Important: If you are unable to access the Windows Update wizard, check your Internet browser and security settings. Your Internet browser security settings need to allow creo.com cookies. For more information, see *Unable to Download Updates via the Updates Tab* on page 113.

4. If the **Updates** tab message states that there is a new Prinergy Evo software update release, click **View Now.**

   The InstallShield Wizard window and the Update Service browser window appears.

5. In the Prinergy Evo <version#> Updates Internet browser window, click **Show Updates**.



6. In the **Latest Update** section, click **Learn More**. You have an option of either installing a full installer or a smaller update file. If you choose the update file, keep in mind that the Prinergy Evo system will be inactive during the update process.

7. In the Update Information Internet browser window, click **Begin the update process**.

8. In the eCentral logon window, in the **User Name** box, type your eCentral user name.

9. In the **Password** box, type your eCentral password.

10. Click **Go**.
11. In the Prinergy Evo <version #> browser window, click **Install**.
12. Follow the instructions in the Prinergy Evo Update installation wizard to download and automatically install the new software version or update. See *Installing Prinergy Evo Server Software* on page 25 for more information.
13. Once you have updated your Prinergy Evo Server software, you must remove and then install the Prinergy Evo Client software. See *Removing Prinergy Evo Client Software* on page 51, and *Connecting to, Installing, and Starting Prinergy Evo Client Software* on page 42.

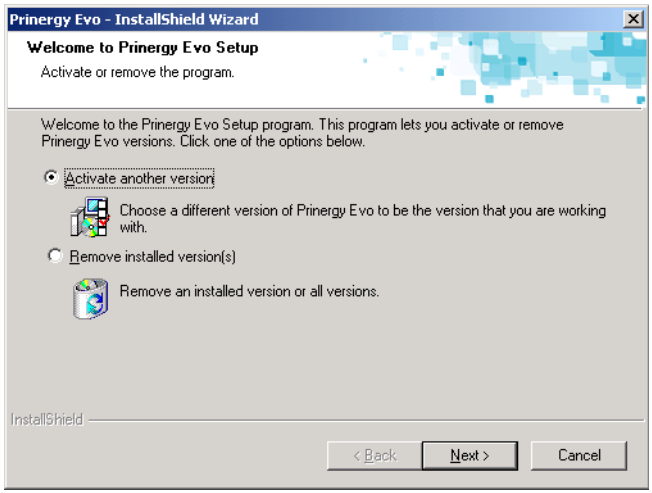
Changing the Active Software Version

The Prinergy Evo system enables you to install a number of different versions of Prinergy Evo on your server, enabling you to test one version before fully activating it, or enabling you to easily change between software versions.

The Prinergy Evo system does not migrate data from the current active system when you change the active version.

1. Stop the Prinergy Evo Client software.
2. Stop Prinergy Evo Server software.
3. From the Prinergy Evo Server desktop, select **Start** > **Programs** > **Prinergy Evo <version #>**> **Prinergy Evo Setup**.

   The Prinergy Evo InstallShield wizard appears.



4. In the InstallShield Wizard, select **Activate another version**.
5. Click **Next** and follow the remaining instructions in the wizard to change your active version.
6. Click **Finish** to activate the changes.
7. From the **Start** menu > **Programs**, click **Prinergy Evo <version #>** > **Prinergy Evo Administrator** to start the Prinergy Evo Server software.
8. Connect to, install, and start Prinergy Evo Client software. See *Connecting to, Installing, and Starting Prinergy Evo Client Software* on page 42.

Installing Fonts

The system supports both Western and Asian fonts. Prinergy Evo supports Creo CJK (Chinese, Japanese, and Korean) fonts and third-party fonts.

How to Install Creo CJK Font Bundles

If you purchase a license in Prinergy Evo to use one or more Creo CJK font bundles, you must install them on the Prinergy Evo server computer before you can use them. Creo CJK font bundles are on the Prinergy Evo DVD.

To install Creo CJK font bundles:

1. Make sure Prinergy Evo server software is installed.
2. Right-click the Prinergy Evo Administrator icon in the system tray and select Stop Prinergy Evo.
3. Insert the Prinergy Evo system software CD/DVD into the computer CD/DVD-ROM drive.

   The DVD start window appears.
4. Click Install CJK Font Bundles.
5. From the list of available font bundles, click the required option.

   Prinergy Evo automatically installs the selected CJK font bundle onto your server system.

How to Install Third-Party Fonts Properly

Font files must be arranged correctly in order to be installed properly on the Prinergy Evo server computer.

Fonts are supplied as:

- **Downloadable fonts**: Fonts that must be downloaded using the AppleTalk Font Downloader to install the font data into the required folders within Prinergy Evo. Japanese fonts are usually provided this way (the Creo font bundles are an exception). Some Japanese fonts are only licensed for use at 1200 dpi or less and are installed using the low-resolution version of the AppleTalk Font Downloader. After installation, the downloaded fonts are automatically found during refine or output.
- **Protected PostScript font files**: These are refined in Prinergy Evo. During refine, the PostScript font program installs the font data into the required folders within Prinergy Evo. After installation, they are automatically found during refine or output.
- **Unprotected font files, complex multi-file Asian fonts**: These are sets of font resource files that are manually copied into the required folders within Prinergy Evo.

- **Unprotected font files, single file fonts:** These are placed in a folder of your choice. No installation is necessary when the location of the files is specified using font search paths during refine. Alternatively, they can be installed by copying them into the **<your server>\Program Files\Creo\Prinergy <version>\static_data\common\fonts** folder within Prinergy Evo. After installation, they are found automatically during refine or output.

For proper installation of the font, create a font folder that contains the font file and arrange the font file following these guidelines:

- Depending on the font vendor, a font may include one or more files and folders.

  When installing CID fonts using unprotected font files, a folder named **Resource** is used to include other appropriate folders (such as **CMap**) that include the font files.

- We recommend that file and folder names are set in Latin characters.



Note: We highly recommend you use PostScript files and not unprotected font files since the setup is easier and faster and there is less room for error.

- If installing PostScript fonts, or if using the AppleTalk Font Downloader, copy the fonts to a shared folder on the Prinergy Evo server computer, for example, **JobData\Fonts** so that you can install the fonts from the Prinergy Evo client computer.

Installing Fonts Using the AppleTalk Font Downloader

Use the AppleTalk Font Downloader to install fonts except protected and unprotected fonts. For most fonts, use the high-resolution version of the downloader. Use the low-resolution downloader for fonts such as low-resolution Japanese fonts.

To install fonts using the AppleTalk Font Downloader:

1. From the Prinergy Evo server computer, select **Start** > **Programs** > **Prinergy Evo <version #>**> **AppleTalk Font Downloader (Low Resolution) or AppleTalk Font Downloader (High Resolution)**.

   The AppleTalk Font Downloader dialog box appears and creates an AppleTalk printer named **<Prinergy Evo Server name>_RIP**.

2. From the **File** menu, select **Open** to browse to the shared folder where you saved your font files.

   The AppleTalk Font Downloader installs the fonts on the Prinergy Evo server computer.

Installing Protected and Unprotected Fonts

There are typically two additional types of fonts: unprotected and protected fonts (PostScript fonts). Chinese fonts tend to fall under one of these two categories. To install unprotected fonts, copy the font files to specific folders on the Prinergy Evo server computer. To install protected fonts, copy the fonts to a shared folder on the Prinergy Evo server computer and then submit the font PostScript file to the Prinergy Evo client software.

Installing Unprotected Fonts

Use these instructions for installing complex, multi-file Asian fonts.

1. Copy all files in the font's **CID\CID** folder to **Program Files\Creo\Prinergy Evo\static_data\common\Resource\CID**.
2. Copy all files in the font's **CID\CMap** folder to **Program Files\Creo\Prinergy Evo\static_data\common\Resource\CMap**.
3. Copy all files in the font's **\CIDFont** folder to **Program Files\Creo\Prinergy Evo\static_data\common\Resource\CIDFont**.
4. For **Dyna_TWN** fonts only, also copy all files in the font's **\Fonts** folder to **Program Files\Creo\Prinergy Evo\static_data\common\Fonts**.

Installing Protected Fonts

In general, for protected font installation, follow the font vendor's instruction to uncompress the font source. After uncompressing the font source, a PostScript font file appears that is restricted to the Prinergy Evo server computer on which you uncompressed the font. Refine the PostScript files on Prinergy Evo Client software using the predefined font process template to install the font data in the necessary locations.

To install protected fonts:

1. In a shared folder on Prinergy Evo server computer, for example, **JobData\Fonts**, follow the font vendor's instructions to uncompress the font source.
2. In the Prinergy Evo Client software, from the **Configure** menu, select **Process Template Editor**.
3. In the Process Template Editor dialog box, from the **File** menu, select **Import Template**.
4. In the Select File to Import dialog box, browse to **Program Files\Creo\Prinergy Evo <version#>\static_data\ProcessTemplateServer** on the Prinergy Evo server computer.
5. Select **RefineToPDF-FontInstall.tpl.**
6. Click **Select**.
7. Check the Process Template Editor group to ensure the process template was imported.
8. Create a refine to PDF submission channel using the imported refine to PDF process template.



For more information on creating refine to PDF submission channels, see the Prinergy Evo Client online help.

9. From the shared **Fonts** folder mounted on the Prinergy Evo client computer, copy the protected font PostScript file (for example, **Hanyi.ps**) to the refine to PDF submission channel.

   Prinergy Evo refines the font PostScript file and installs the protected fonts on the Prinergy Evo server computer.

   No PDF file is created.

Using Low-Resolution Fonts in Prinergy Evo

When you're refining and embedding fonts that are licensed for low-resolution use only, in the **Normalize** section of the Refine to PDF process template, select the **Override Resolution at dpi** check box, then type the resolution limit of your fonts in the adjacent field.

This check box enables you to embed and output low-resolution fonts. For example, a Japanese low-resolution font uses 1200 dpi as its threshold. If the check box is cleared, then your fonts must be licensed for 2400 dpi or higher.

3

Installing Your Prinergy Evo Client Software

Connecting to, Installing, and Starting Prinergy Evo Client Software..42

Connecting to, Installing, and Starting the Prinergy Evo Client Software on Windows-Based Computers.....48

Defining Your Prinergy Evo System and Processing Parameters 49

Starting and Stopping Prinergy Evo Client Software.....49

Removing Prinergy Evo Client Software.....51

Using the Prinergy Evo Learning Package and Online Help.....53

Connecting to, Installing, and Starting Prinergy Evo Client Software

After you have installed and licensed your Prinergy Evo Server software, you can now install or update your Prinergy Evo Client software. For more information about installing and licensing your Prinergy Evo Server software, see *Installing Prinergy Evo Server Software* on page 25.

Follow these steps to install Prinergy Evo Client software:

1. Connect the Prinergy Evo client computer to shared folders on the Prinergy Evo server computer.

   This includes mounting or mapping the **PgyEvoInstll**, **JobData**, and **HotFolders** volumes.

2. Install the Prinergy Evo Client software.

3. Start the Prinergy Evo Client software. See *Starting and Stopping Prinergy Evo Client Software* on page 49.

Connecting the Prinergy Evo Client to Shared Server Folders on Macintosh Operating Systems

You need to connect the Mac OS 9.2.x client computer to the Prinergy Evo server computer via AppleShare®.

We recommend that you connect the Mac OS X 10.2 and higher client computer to the Prinergy Evo server computer via SMB. You can also connect via an AppleTalk connection but it might be slower than the SMB connection.

We recommend that you limit the length of shared folder names when mounting to a Prinergy Evo Client computer running Mac OS X via SMB. Use 12 characters or fewer with no spaces. Otherwise, you cannot select the shared folder and must type the path: **smb://<servername>/<sharename>.**

To connect the Prinergy Evo Mac OS 9.2.x client computers to shared server folders via AppleShare:

1. On the Prinergy Evo server computer and any file servers running Windows 2000 Server or Windows 2003 Server, make sure **File Server for Macintosh** is installed and started.



If you are mounting file server volumes on a Mac OS® 9.2.x client computer, **File Server for Macintosh** must be installed on your Prinergy Evo server computer and any other file servers running Windows operating systems. Otherwise, you will receive a `File unavailable to Server` error message when you try to access the mounted volume on your Prinergy Evo client computer.

2. On the Mac OS 9.2.x desktop, select **Chooser**.

   The Chooser dialog box appears.

3. Click the **AppleShare** icon.
4. If you have more than one AppleTalk zone, in the **AppleShare Zones** box, select the AppleTalk zone that the Prinergy Evo server computer is on.
5. In the **Select a file server** box, select the Prinergy Evo server computer name.



Note: You can also click **Server IP Address** and in the IP address dialog box, **IP Address** box, type the Prinergy Evo server IP address.

6. Click **OK**.

   The Connect to the file server "<name>" as dialog box appears.

7. In the **Name** box, type the user name that has rights to the Prinergy Evo server computer.
8. In the **Password** box, type the corresponding user name password.
9. Click **Connect**.

   The Select the items you want to use dialog box appears.

10. In the **Select the items you want to use:** box, select **HotFolders**, **PgyEvoInstll**, and **JobData.** These are the shared server volumes that you will mount on your Prinergy Evo client computer.

11. Click **OK**.

    The volumes are mounted.

12. Install the Prinergy Evo Client software. For more information, see *Installing Prinergy Evo Client Software on a Macintosh Computer* on page 45.

13. Start the Prinergy Evo Client software. See *Starting and Stopping Prinergy Evo Server Software* on page 30.

To connect Prinergy Evo Mac OS X Client computers to shared Server folders via SMB:

1. On the Mac OS X 10.2 or higher desktop, from the **Go** menu, select **Connect to Server**.

   The Connect to Server dialog box appears.

2. In the **Address** box, type the IP address or computer name of the Prinergy Evo server computer.

   For example,

   - To connect via SMB; type `smb://10.2.68.130`.
   - To connect via AppleTalk; type `afp://PgyEvoServer`.
   - If running Mac OS X 10.2, from the **Choose a server from the list or enter a server address** box, browse to the Prinergy Evo server computer.

3. From the list, select the shared folder you want to mount: **JobData**, **PgyEvoInstll**, **HotFolders.**

4. Click **Connect**.

   The SMB/CIFS Filesystem Authentication dialog box appears.

5. In the **Workgroup/Domain** box, type a workgroup or domain name.

6. In the **Username** box, type a user name.

7. In the **Password** box, type the password for the workgroup or domain and user name.

8. Click **OK**.

   The mounted Prinergy Evo server computer shared folder icon appears on your Macintosh desktop.

9. Install Prinergy Evo Client software. For more information, see *Installing Prinergy Evo Client Software on a Macintosh Computer* on page 45.
10. Start Prinergy Evo Client software. See *Starting and Stopping Prinergy Evo Client Software* on page 49.

Installing Prinergy Evo Client Software on a Macintosh Computer

You can install Prinergy Evo Client software from:

- The **PgyEvoInstll** shared folder on the Prinergy Evo server computer
- The Prinergy Evo DVD

To install the Prinergy Evo Client software from the PgyEvoInstll shared folder:

Use the same steps to install the Prinergy Evo Client software and Creo's plug-ins for Adobe Acrobat on both Mac OS 9.2.x and Mac OS X 10.2 or higher.

1. On the Macintosh desktop, double-click the **PgyEvoInstll** volume.

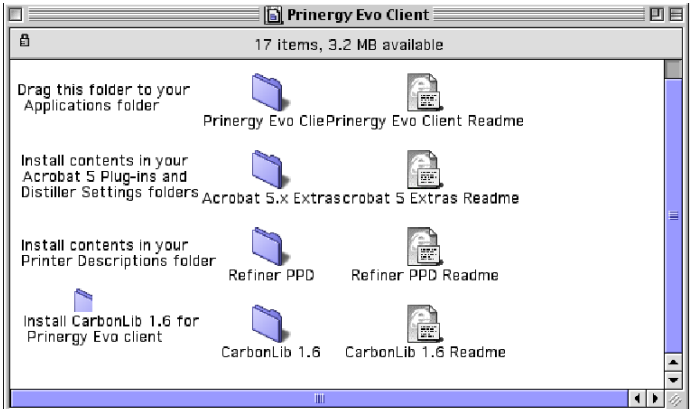
   The Prinergy Evo Client installation disk image appears.



   Important: On Macintosh computers, if you mount the Prinergy Evo Client installation disk image, and then disconnect the mounted volume, or if you try to remove the share and disk image at the same time, your Macintosh computer displays an error log that cannot be dismissed. You must reset your Macintosh.

2. In the Prinergy Evo installation window, drag the `PrinergyEvoClient<OS #>.img` file to the Macintosh desktop.
3. Double-click the **PrinergyEvoClient<OS #>.img** file.

   The Prinergy Evo Client window appears.



4. From the Prinergy Evo Client window, follow the instructions provided in the ReadMe files to install the Prinergy Evo Client software, plug-ins, Prinergy Refiner PPD, Virtual Proofing System software, and CarbonLib 1.6 (for Mac OS 9.2.x systems only).

Important: When printing PostScript from your desktop applications for submission to Prinergy Evo, we recommend you use the **Prinergy Refiner PPD**. See *Printing to a PostScript File from a Desktop Application* on page 81.

5. Make sure Prinergy Evo Server software is running. See *Starting and Stopping Prinergy Evo Server Software* on page 30.

6. Start Prinergy Evo Client. See *Starting and Stopping Prinergy Evo Client Software* on page 49.

To install the Prinergy Evo Macintosh Client software from the DVD:

1. Insert the DVD into the Prinergy Evo client computer DVD drive.

2. On the Macintosh desktop, double-click the **PgyEvoInstll** volume.

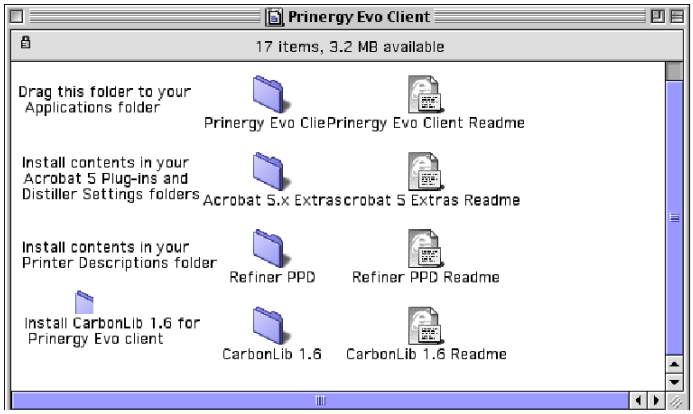
   The Prinergy Evo Client installation disk image appears.

Important: On Macintosh computers, if you mount the Prinergy Evo Client installation disk image, and then disconnect the mounted volume, or if you try to remove the share and disk image at the same time, your Macintosh computer displays an error log that cannot be dismissed. You must reset your Macintosh.

3. In the Prinergy Evo installation window, drag the `PrinergyEvoClient<OS #>.img` file to the Macintosh desktop.

4. Double-click the **PrinergyEvoClient<OS #>.img** file.

   The Prinergy Evo Client window appears.



5. From the Prinergy Evo Client window, follow the instructions provided in the ReadMe files to install the Prinergy Evo Client software, plug-ins, Prinergy Refiner PPD, Virtual Proofing System software, and CarbonLib 1.6 (for Mac OS 9.2.x systems only).



Important: When printing PostScript from your desktop applications for submission to Prinergy Evo, we recommend you use the **Prinergy Refiner PPD**. See *Printing to a PostScript File from a Desktop Application* on page 81.

6. Make sure Prinergy Evo Server software is running. See *Starting and Stopping Prinergy Evo Server Software* on page 30.

7. Start Prinergy Evo Client. See *Starting and Stopping Prinergy Evo Client Software* on page 49.

8. Mount the **HotFolders**, and **JobData** shared folders from your Prinergy Evo server computer before starting Prinergy Evo Client.

Connecting to, Installing, and Starting the Prinergy Evo Client Software on Windows-Based Computers

Prinergy Evo automatically installs the Prinergy Evo Client software on the Prinergy Evo server during the server installation.

To connect Prinergy Evo Windows-based computers to the Prinergy Evo server computer:

1. Map the Windows client to shared Prinergy Evo server computer folders via mapped drives. See *Connecting Prinergy Evo Windows-Based Clients to Shared Server Folders Via Mapped Drives* on page 48.
2. Install the Prinergy Evo Client software for Windows. See *Installing Prinergy Evo Client Software on Windows-Based Computers* on page 49.
3. Start Prinergy Evo Client. See *Starting and Stopping Prinergy Evo Client Software* on page 49.

Connecting Prinergy Evo Windows-Based Clients to Shared Server Folders Via Mapped Drives

1. From your Windows desktop, open Windows Explorer.
2. From the **Tool** menu, select **Map Network** drive.
3. The Map Network drive wizard dialog box appears.
4. Complete the wizard instructions to map to your **<Prinergy Evo server>/PgyEvoInstll** folder.
5. Repeat steps 2 to 4, except map to **PgyEvoConfig**, **HotFolder**, and **JobData** shared folders.

   Your Windows Explorer window displays the mapped shared folders.

Installing Prinergy Evo Client Software on Windows-Based Computers

1. On your Windows desktop, double-click the **PgyEvoInstll** shortcut to open the browser window.
2. Double-click **PrinergyEvoClientSetup.exe**.

   The InstallShield Wizard dialog box appears.
3. Click **Next** and follow the instructions in the wizard.
4. Click the **Install** button at the end of the wizard to install Prinergy Evo client.

To install Creo's plug-ins for Adobe Acrobat and the Refine PPD:

- From **Program Files/Prinergy Evo<version#>/Setup/Windows**, follow the instructions provided in the ReadMe files to install the Acrobat Plug-ins, the Virtual Proofing System, and the Prinergy Refine PPD.

Defining Your Prinergy Evo System and Processing Parameters

You define or configure your Prinergy Evo system and its processing parameters from the Prinergy Evo Client software.

For instructions on how to connect your Prinergy Evo system to a device, see *Connecting to a Device* on page 55.

For information on how to configure your Prinergy Evo system and its processing parameters, see the *Prinergy Evo Learning Guide*, and the Prinergy Evo Client online help.

Starting and Stopping Prinergy Evo Client Software

To start Prinergy Evo Client on a Macintosh computer:

1. On your Prinergy Evo client computer desktop, open the hard drive folder, and from the application folder, browse to and double-click **Prinergy Evo Client**.

   Prinergy Evo Client software starts.

2. In the Connect to a Prinergy Evo Server dialog box, use the **browse** buttons to select the Prinergy Evo Server to which you want to connect.

   Alternatively, type the IP address of the Prinergy Evo server computer.

   The Prinergy Evo Client software starts and can now communicate with the Server computer.

To start Prinergy Evo Client software on Windows-based computers:

1. On your Prinergy Evo client desktop, from the **Start** menu > **Programs** > **Prinergy Evo <version number>**> select **Prinergy Evo Client**.

   The Prinergy Evo Client software starts and can now communicate with the Prinergy Evo Server software.

2. In the Connect to a Prinergy Evo Server dialog box, use the **browse** buttons to select the Prinergy Evo server computer to which you want to connect.

   Alternatively, if you cannot find the Prinergy Evo server computer:

   a. Click **Other.**

   b. In the Prinergy Evo Server Address dialog box, type the Prinergy Evo server computer's TCP/IP address or network server name.

Stopping Prinergy Evo Client Software

How you stop Prinergy Evo Client software depends on your operating system.

To stop Prinergy Evo Client software on a computer running Mac OS X:

- From the Prinergy Evo Client, **Prinergy Evo** menu, select **Quit Prinergy Evo.**

To stop Prinergy Evo Client software on a computer running Mac OS 9.2.x:

- From the Prinergy Evo Client, **File** menu, select **Quit Prinergy Evo**.

To stop Prinergy Evo Client software on a Windows-based computer:

- From the Prinergy Evo Client, **File** menu, select **Exit.**

Removing Prinergy Evo Client Software

When removing or uninstalling the Prinergy Evo Client software, it is also recommended you remove Creo plug-ins for Adobe Acrobat.

The operating system on which you are running the Prinergy Evo Client software determines how you remove the software.

To remove Prinergy Evo Client software and Creo plug-ins for Adobe Acrobat from a client computer running Mac OS 9.2.x:

1. Close Prinergy Evo Client software and Adobe Acrobat.
2. Open the Finder window, and browse to your Prinergy Evo Client software and Adobe Acrobat plug-in folders.
3. Drag the folders onto the Trash.
4. From the Desktop **File** menu, select **Empty Trash**.

   Prinergy Evo Client and the Adobe Acrobat plug-ins are removed.

To remove Prinergy Evo Client software and Creo plug-ins for Adobe Acrobat from a client computer running Mac OS X 10.2 or higher:

1. Close Prinergy Evo Client software and Adobe Acrobat.
2. Open the Finder window, and browse to your Prinergy Evo Client software.
3. Drag the Prinergy Evo folder onto the Trash.
4. From **<harddisk>/Applications/Adobe 6.0 Professional** folder, select **Acrobat 6.0 Professional**.
5. Press **Control** plus click.
6. Select **Show Package Content** from the shortcut menu.

   The Acrobat 6.0 Professional Finder window appears.
7. From **Contents/Plug-ins/PrinergyEvo** folder, select the Creo plug-ins for Adobe Acrobat.
8. Drag the plug-in files onto the **Trash**.
9. From the Desktop **File** menu, select **Empty Trash**.

   Prinergy Evo Client and the Creo plug-ins for Adobe Acrobat are removed.

To remove Prinergy Evo Client software from a Windows-based client computer:

1. Close Prinergy Evo Client software.
2. From the **Start** menu, select **Programs > Prinergy Evo > Uninstall Prinergy Evo Client**.

   The Prinergy Evo Client InstallShield wizard appears.
3. Complete the instructions in the wizard dialog boxes.
4. Click **Finish**.

   Prinergy Evo Client software is removed.

To remove Creo plug-ins for Adobe Acrobat from Windows-based client computers:

1. Close Adobe Acrobat.
2. Open the Windows Explorer window, and browse to and select the Prinergy Evo plug-ins for Adobe Acrobat folders.
3. Press **Delete** to move the files to the Recycle bin.
4. On your desktop, double-click the **Recycle bin** icon.
5. Click **Empty Recycle bin**.

   The Creo plug-ins for Adobe Acrobat are removed.

Using the Prinergy Evo Learning Package and Online Help

The full Prinergy Evo Learning Package consists of the following tools. These three tools have been designed to be used in the following order:

- *Prinergy Evo Learning Paths*

  This document should be the first learning tool you use. Based on the type of role you fulfill in your job, and the type of Prinergy Evo configuration your business uses, your Prinergy Evo learning path will vary. This tool will help you determine which learning tools you need to focus on based on the type of job you do. Consult this document first to determine what your learning path should be.

- *Prinergy Evo Learning Guide and WBT*

  The Prinergy Evo Learning Guide provides an initial introduction to the product. The guide covers fundamental information about what Prinergy Evo is, and what it does. This is a good document for anyone who wants to become familiar with conceptual information about Prinergy Evo.

- *Prinergy Evo Task-Oriented Activities*

  Prinergy Evo Task-Oriented Activities provide a hands-on perspective of how to use the Prinergy Evo product. Embedded in this tool are multiple activities that demonstrate the various functions available in the Prinergy Evo product. Each activity is scenario-based, and includes sample files to use. This tool will provide the most realistic view of the product and will prepare you to start actively using Prinergy Evo.

The Prinergy Evo Client and Administrator online help systems contain both procedural and reference information about each dialog box and its options, as well as recommended workflows and tips.

In Prinergy Evo, you access the online help system from the **Help** menu. In the online help, you can navigate to topics via the navigation pane on the left side of the help window. You can click  in the Prinergy Evo dialog boxes to find specific help on a dialog box or options in the dialog box.

4 Connecting to a Device

Connecting the Prinergy Evo Server Computer to a Device 56

Configuring a Proofing Device.....56

Configuring an Output Device 60

Installing Harmony on a Prinergy Evo Server Computer 64

Publishing a Virtual Printer 66

Printing from a Windows-Based Computer to a Prinergy Evo AppleTalk Virtual Printer.....70

Publishing a LPR IP Virtual Printer 73

Adding a Prinergy Evo LPR IP Virtual Printer to a Mac OS X-Based Computer 75

Printing from a Windows-Based Computer to a Prinergy Evo LPR IP Virtual Printer.....77

Printing to a PostScript File from a Desktop Application.....81

Submitting Files from Prinergy Evo Client to a UNIX Server 83

Connecting the Prinergy Evo Server Computer to a Device

You can connect the Prinergy Evo server computer to the following types for input and output devices:

- AppleTalk and LPR virtual printers (input device)
- Proofing devices (output device)
- Imagesetters (output device)
- Platemakers (output device)

For information on required Prinergy Evo connectivity settings for specific devices, see the Prinergy Evo connectivity device page on eCentral.

Configuring a Proofing Device

You must configure your proofing devices before creating proofs in Prinergy Evo. Depending on your Prinergy Evo license options, you can have multiple proofing devices on your system.

Before You Start

Configure a proofing device only after you:

1. Connect the proofing device to a Prinergy Evo server computer.



See the proofing device manufacturers documentation for information on connecting specific proofing devices to Windows-based computers.

2. Install Harmony if you want to create a proof or plate with screening. If you are making continuous tone proofs or plates, you cannot use the Harmony calibration curves or screening options.

See *Installing Harmony on a Prinergy Evo Server Computer* on page 64.

How to Configure a Proofing Device

The general workflow:

1. From your Windows printer configuration dialog box (**Start** menu > **Settings** > **Printers** > **Add Printer**), configure the default media types and sizes for the proofing device.
2. Create proofing process templates.



For information on creating output PDF, PostScript, or Imposition process templates, see the Prinergy Evo Client online help.

3. Configure hot folders and a template palette, attaching the process template created in step 2.
4. Calibrate color for the proofing device (optional).
5. Using Harmony software, calibrate the dot gain for the proofing device if producing 1-bit screened proofs.



For information on how to calibrate the dot gain on devices, see the *Harmony User Guide*.

6. Output test pages.

To configure a proofing device for use with Prinergy Evo:

This procedure is specific to outputting PDF input files to a proofing device using an Output PDF process template. If you want to output imposition or PostScript input files to a proofing device, configure an Output Imposition or Output PS process template and attach it to a submission channel. See the Prinergy Evo Client online help for more information on creating process templates.

1. In Windows Server 2003, from your Windows printer configuration dialog box (**Start** menu > **Settings** > **Printers** > **Add Printer**), configure the default media types and sizes for the proofing device.



For information about configuring document settings, see the Windows Server 2003 documentation.

2. Start Prinergy Evo Server software. See *Starting and Stopping Prinergy Evo Server Software* on page 30.
3. Start Prinergy Evo Client software. See *Starting and Stopping Prinergy Evo Client Software* on page 49.

4. From the **Configure** menu, select **Process Template Editor.**

5. In the Process Template Editor dialog box, from the **File** menu, select **New Output PDF Template** to create an output PDF process template to output an uncalibrated page proof.



Note: Calibration settings are not available in the Process Template Editor until you set up the calibration curves in Harmony (see step 9). You do not need the calibration settings to be able to create a process template for an uncalibrated page proof.

   a. In the **Output To** list at the top of the dialog box, select an output format. Required.

   b. In the **Calibration and Screening** section, **Calibration Curve** list, select **%%None%%.**

   c. Set the remaining Calibration and Screening parameters as required.

   d. In the **Processed File Preferences** section, select the **Send Processed Files to** option.

   e. In the **Device Path** box, type the path to the device (**//<server name>/<printer name>**) or click **Browse** to browse to the device.



Note: You can only use **Browse** if the device is connected to Prinergy Evo server computer and *not* a network server.

   f. Set remaining parameters as required.

   g. From the **File** menu, select **Save** to save the process template.

6. Attach the process template either to a hot folder or to a template palette.

   For information about how to create hot folders or template palettes and attach a process template, see the Prinergy Evo Client online help.

7. Drag your PDF file onto the hot folder or template palette to output a proof of your file.

   Label this uncalibrated test proof so that you can compare it to calibrated proofs you will generate later.

   For information about how to output a proof, see the Prinergy Evo Client online help.

8. If required, calibrate color for the proofing device using color calibration software. See the documentation provided by your color calibration software manufacturer.
9. In Harmony, set up calibration curves for the proofing device that you are configuring if you are outputting 1-bit screened proofs. This step is not required for continuous tone proofs.

   You must set up calibration curves in Harmony in order for the calibration settings to be available in the Process Template Editor.

   For information about setting up calibration curves, see the Harmony documentation.
10. Repeat steps 5 a to g to create an output PDF process template to output a calibrated page proof, except at step 5 b, in the **Calibration and Screening** section, **Calibration Curve** list, select a **calibration curve setting**.

    Note that the calibration settings are now available to use in your process template.
11. Repeat steps 6 and 7 using the output PDF process template you created in step 10 to output a proof of your test file.

    Label this calibrated proof so that you can compare it to other proofs to help you configure the proofing device.
12. Compare the uncalibrated proof with the calibrated proof.

    If necessary, adjust your calibration curves in Harmony and continue creating new process templates and proofs until you are satisfied with the results.
13. Repeat steps 1 to 12 to configure each proofing device that you want to use with Prinergy Evo.

Configuring an Output Device

Before you can create plates or films, you must configure the output device you want to use with Prinergy Evo. Configuring an output device involves several procedures.

Before You Start

1. Connect your output device to the Prinergy Evo server computer. For information on connecting the output device, see the device manufacturer's documentation.
2. Install the output device control and connectivity software on the Prinergy Evo server computer connected to the output device.
3. If you want to output a process with screening, install Harmony. If you want to output a process with continuous tone, you don't need to install Harmony.

   See *Installing Harmony on a Prinergy Evo Server Computer* on page 64 for more information.

How to Configure an Output Device

The following procedure is for an imposed page-based workflow. If you are submitting an imposed flat PDF or PostScript files for output, create an Output PDF or Output PS process template and attach it to a submission channel.

The general workflow:

1. Create a shared PPD storage folder.

   See *Creating a Shared PPD Storage Folder* on page 62.

2. From the output device control software (for example, Print Console or PC Controller) create your media sizes (plate types).
3. Create PPD files and move them to the PPD storage folder.

   See your device control software documentation for information on how to create PPD files.

4. Install the PPD file onto the computer running Preps or other qualified imposition software.

To configure an output device for use with Prinergy Evo:

1. On the Prinergy Evo server computer connected to the output device, create a shared folder in which to store PPD and PPX files generated by the output device control software when you create plate types.

   PPD files contain information about the device such as plate size, resolution, line screen, and screen angle. PPX files are a supplement to PPD files. Preps uses these files when generating imposition plans.

   See *Creating a Shared PPD Storage Folder* on page 62.

2. In the output device control software (for example, Print Console or PC Controller), generate media types for Prinergy Evo.

   You must create new plate types in order for the media type settings to be available in the Process Template Editor dialog box.

   For information about creating media types, see the output device control software documentation.

3. In the output device connectivity software (for example, Print Console or CS Xpose), create PPD and PPX files and then copy them to the shared PPD folder.

4. See *Creating and Installing PPD Files for Prinergy Evo* on page 62.

5. In your imposition software, add the output device and set the device configuration if necessary.

   For instructions, see the imposition software documentation and the Prinergy Evo Client online help.

6. In your imposition software, create an imposition or layout plan for the plate that you want to output.

   For instructions, see the imposition software documentation, and the Prinergy Evo Client online help.

7. Create a process template group and output imposition process template for the output device.

   You must configure parameters such as resolution, media type, and screening.

   For information about creating process template groups and process templates, see the Prinergy Evo Client online help.

8. Test dot gain calibration by outputting uncalibrated and calibrated plates.

9. For instructions, see *Testing Calibration* on page 63.

Creating a Shared PPD Storage Folder

You must create a shared folder in which to store PPD and PPX files generated by your output device control or connectivity software (for example, Print Console, CS Xpose or Lotem Expose).



Note: This folder must be shared so the Prinergy Evo Client can access it.

See the *Prinergy Evo System Administrator Guide* for information on creating a shared folder.

Creating and Installing PPD Files for Prinergy Evo

Use the device control software connected to Prinergy Evo to generate PPD and PPX files. You must move these files to the shared PPD folder on the Prinergy Evo server computer, and on the Macintosh, the **System Folder/ Extensions/Printer Descriptions** folder in order for them to be accessible to the Prinergy Evo system.



Note: Each time you modify the output device control software—for example, create a new plate type—you must regenerate the PPD and PPX files and move them to the appropriate folder.

To create and install PPD and PPX files for Prinergy Evo:

1. In the output device control software (for example, Print Console or CS Xpose), define plate media types to use with Prinergy Evo.

   For information about creating plate types, see the device control software documentation.

2. In the output device control software (for example, Print Console or CS Xpose), generate a PPD and PPX file.

   If you are using Print Console, generate this PPD file in **Landscape** mode.

   For information about generating PPD files, see the device control software documentation.

3. Save the PPD file to the **PPD** storage folder that you created on the Prinergy Evo server computer connected to the output device.

For information about saving PPD files, see the control software documentation.

4. On the computer where you've installed your imposition software, for example, Preps, mount the PPD storage folder that you created on the Prinergy Evo server computer.
5. If your Preps software is on a Macintosh computer, copy the PPD and PPX files from the Prinergy Evo PPD storage folder to **/System Folder/Extensions/Printer Descriptions**, or copy the PPD and PPX file to the Preps PPD folder.
6. If your Preps software is on a Windows-based computer, copy the PPD and PPX file to the Preps PPD folder.

Testing Calibration

Confirm that your output device is correctly configured by outputting uncalibrated and calibrated test plates, and then comparing the results.

To test calibration:

1. On the Prinergy Evo server computer connected to the output device, start Prinergy Evo Server software.
2. Start Prinergy Evo Client software.
3. From the **Configure** menu, select **Process Template Editor**.
4. In the Process Template Editor dialog box, select the device-specific process template group.
5. From the **File** menu, select **Create New <output type> Template** to output an uncalibrated plate.

   For information about creating process templates, see the Prinergy Evo Client online help.



Note: Plate media types are not available in the Process Template Editor dialog box until you set up the plate types in your output device control software.

6. Using the process template that you created, create a submission channel—that is, a hot folder or Template Palette.
7. Output an uncalibrated plate from your test file.

   For information about outputting plates, see the Prinergy Evo Client online help.

8. If outputting 1-bit screened output, in Harmony, create calibration curves using the uncalibrated plate.



For information about using Harmony, see the Harmony documentation.

9. Create a process template to output a calibrated plate by choosing the calibration curves that you created in Harmony.
10. Using the process template that you created, output a calibrated plate from your test file.

    For information about outputting plates, see the Prinergy Evo Client online help.

11. Compare the uncalibrated plate with the calibrated plate.

If you do not have the desired results, repeat steps 8 through 11 until you are satisfied with the results.

Installing Harmony on a Prinergy Evo Server Computer

Harmony creates and edits calibration curves to manage dot gain for 1-bit screened output. These can be used to match the characteristics of a press sheet to a proof, plate, or printed sample.

Harmony is shipped as part of the Prinergy Evo system.

There are two parts to Harmony:

- Harmony database, which stores calibration curves
- Harmony application, which you use to edit curves in the database.

The Harmony software and database must always be installed and stored on the Prinergy Evo server computer. During Harmony installation, the location of the Harmony database is added to the Prinergy Evo server computer registry, so that the Printer JTP can then locate the database. The Harmony software can also be installed on any Windows-based computer as long as the computer can access the Prinergy Evo server computer and the Harmony database.

The following section contains information about installing Harmony on a Prinergy Evo server computer. The Harmony installer places the Harmony database on the Prinergy Evo server computer. It is recommended that you also install the Harmony software on the Prinergy Evo server computer.

To install Harmony software on a Prinergy Evo Server:

1. Insert the Prinergy Evo DVD containing Harmony software into the Prinergy Evo server computer's DVD drive.

   The Prinergy Evo Setup dialog box appears.

2. Click **Install Products**.

3. Click **Install Harmony.**

   The Welcome dialog box appears.

4. Click **Next**. The Setup Option dialog box appears.

5. Click **Next**. The Harmony Destination Path dialog box appears.

   Harmony is installed by default in **c:\Program Files\Harmony**.

6. Click **Next**. Setup begins copying files. Once complete, the Setup Complete dialog window appears.

7. Click **Finish**.

8. From your Prinergy Evo server computer, **<Prinergy Evo Server installed drive>\setup\HarmonySetup** folder, copy the **calcurve.hmy** and **Platesetter.PPD** files to where you installed the Harmony software The default location is: **<drive>\Program Files\Creo\Harmony**.

   If you do not install the **calcurve.hmy** and **Platesetter.PPD** files, Prinergy Evo's Process Template Editor will not have any default Harmony curves.

To perform a spot check to ensure Harmony has been correctly installed:

1. From the **Start** menu, start Creo Harmony.

   Harmony should start and no warning messages should appear.

2. Use **File > Import Curve** or create a **New Curve**.

3. On the Prinergy Evo client computer, start Prinergy Evo Client software.

4. From the **Configure** menu, select **Process Template Editor**.

5. In the Process Template Editor dialog box, double-click an output process template.

6. In the **Calibration & Screening** section, **Calibration Curve** list, make sure the new Harmony curve is available.

Publishing a Virtual Printer

If you want to print files from your desktop publishing application and have Prinergy Evo automatically refine to PDF (distill them into PDF files), trap, color manage, and preflight, so you have good known PDF files, configure a Refine to PDF virtual printer. If you want to print PostScript from your desktop publishing application and have Prinergy Evo automatically output the file to proof, film, or plate, configure an output PS virtual printer.



Important: Important: If you are going to print from a Windows-based computer via the Prinergy Evo virtual printer, this name must be in ASCII characters (for example, western language characters). If you create the name using UNICODE characters (for example, Chinese characters) and print from a Windows-based computer to Prinergy Evo, the file will not print. This is a limitation in the Windows operating system.

If you want to print PostScript files from your desktop publishing application and have Prinergy Evo automatically process and output them to a hot folder or to a device, you need to create an Output PS virtual printer.

Prinergy Evo supports two types of virtual printers:

- AppleTalk: See *Publishing an AppleTalk Virtual Printer* on page 66
- IP Printing: See *Publishing a LPR IP Virtual Printer* on page 73

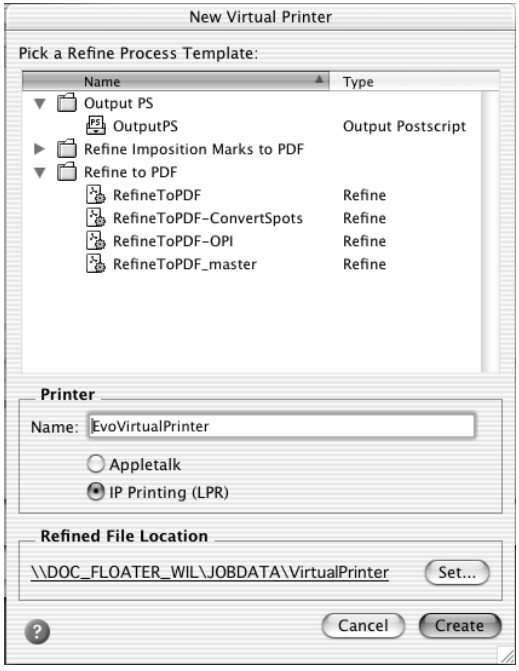
Publishing an AppleTalk Virtual Printer

1. From the **Configure** menu, select **Virtual Printer.**

   The Virtual Printer dialog box appears.

2. Click **New.**

   The New Virtual Printer dialog box appears.



3. In the **Pick a Process Template** list, select a refine to PDF or output PS process template.



See the Prinergy Evo Client online help for more information.

4. In the **Name** box, type the name of the virtual printer so that you can identify it from your AppleTalk Chooser or SMB Finder. For example, `RefineToPDF PrintQueue`. The **Name** box uses the selected process template name by default.

   To avoid file problems between your operating systems, do not use the following characters in your file or folder names.

   ? " / \ < > * | : % $ ( ) +

   ] [. … , ; ^ & { } # ' ~

5. Select the **AppleTalk** option.

6. Click **Set** to locate a folder to which to save the refined PDF file or output file.



Note: The folder location becomes the default folder location in the selected process template dialog box if you select the **Send Processed Files to Default Location** option in the **Processed File Preferences** section.

If you select the **Send Processed Files to:** check box in the **Processed File Preferences** section of the process template, this location overrides any location you set in the New Virtual Printer dialog box.

Therefore, if you want to output a file to a hot folder or directly to a device, select the **Send Processed Files to:** check box in the **Processed File Preferences** section of the process template and set the path to output to a hot folder or print queue. You can only submit directly to a print queue or device via an Output PS virtual printer.

The folder location displays in the **Default Output Location** box.

7. Click **Create**.

   Prinergy Evo creates the virtual printer.

8. On your computer, add the virtual printer.

   Adding an AppleTalk Virtual Printer on Your Computer

You can add the Prinergy Evo AppleTalk virtual printer on computers running Mac OS 9.2.x, Mac OS X or later, or Windows

To add the Prinergy Evo AppleTalk Virtual Printer using Adobe PS on a computer running Mac OS 9.2.x:

Before using this procedure, make sure you have downloaded and installed Adobe PS for Mac OS 9.2.*x*.

1. In your New Desktop Printer dialog box, **With** list, select a LaserWriter option.
2. In the **Create Desktop** list, select **Printer (AppleTalk)**.
3. Click **OK**.

   The Desktop Printer Utility dialog box appears.

4. In the **PostScript Printer Description (PPD) File** box, click **Change** and select the Prinergy PPD, which you installed as part of the Prinergy Evo Client software, from the list of available PPD files.

5. In the **AppleTalk Printer Selection** area, click **Change** and select the AppleTalk virtual printer you created.
6. Click **Create** to create the desktop virtual printer.
7. From your desktop publishing application (for example, QuarkXPress® software), print to the Prinergy Evo AppleTalk virtual printer. Select the printer you added to share Prinergy Evo's virtual printer ports.

To add the Prinergy Evo AppleTalk Virtual Printer on a computer running Mac OS X:

1. On the Mac OS X desktop, open the Print Center.
2. In the Print Center dialog box, click **Add**.

   The Printer List dialog box appears.
3. In the top list, select **AppleTalk**.
4. In the second list, select your Prinergy Evo network server.
5. In the **Name** column, select the Prinergy Evo AppleTalk virtual printer.
6. In the **Printer Model** box, browse for and select the Prinergy Refiner PPD you installed with the Prinergy Evo Client software. The default location is **<volume>/Library/Printers/PPDs/Contents/Resources/ <language> .lproj.**
7. Click **Add**.
8. From your desktop publishing software (for example, QuarkXPress), print to the Prinergy Evo AppleTalk virtual printer.

Printing from a Windows-Based Computer to a Prinergy Evo AppleTalk Virtual Printer

To print from a Windows-based computer to an AppleTalk virtual printer, you must:

1. Have Windows Server 2003 installed and **File Services for Macintosh** enabled. See your Windows Server 2003 documentation for more information.
2. Create a Prinergy Evo AppleTalk virtual printer.

   See *Publishing an AppleTalk Virtual Printer* on page 66.
3. Publish an AppleTalk print port to your Prinergy Evo server computer.

   See *Publishing an AppleTalk Print Port on Your Prinergy Evo Server Computer* on page 70.
4. Add an AdobePS virtual printer to your Windows-based computer.

   See *Creating an AdobePS Virtual Printer on Prinergy Evo Windows Clients* on page 82.

Publishing an AppleTalk Print Port on Your Prinergy Evo Server Computer

You want to publish the AppleTalk port as a shared virtual printer so that you can print directly from your desktop software applications on a Windows-based computer to the virtual printer.

1. On the Prinergy Evo server computer, select **Start** > **Settings** > **Printers** > **Add Printer**.
2. In the Add Printer wizard, Local or Network Printer dialog box, select the **Local Printer** option.
3. Clear the **Automatically detect and install my Plug and Play printer** check box. Click **Next**.
4. In the Select the Printer Port dialog box, select the **Create a New Port** option.
5. In the **Type** box, select **AppleTalk Printing Devices** and click **Next.**

6. In the Available AppleTalk Printing Devices dialog box, browse for and select a Prinergy Evo AppleTalk virtual printer.

   See *Publishing an AppleTalk Virtual Printer* on page 66, for more information on creating AppleTalk virtual printers.

7. In the Add Printer dialog box, select the default printer. Click **Next**.
8. In the Name your Printer dialog box, **Printer Name** box, type the name of the Prinergy Evo AppleTalk virtual printer. Click **Next**.
9. In the Printer Sharing dialog box, **Share as** box, type the share name for the AppleTalk virtual printer. For example, `Prinergy Evo AppleTalk Printer`. Click **Next**.
10. Follow the remaining instructions in the wizard to create the AppleTalk port. Click **Next** to move to the next dialog box in the wizard. Click **Back** to move to the previous dialog box.

Adding an AdobePS AppleTalk Printer to Your Windows-Based Computer

In order to print directly to PDF or PostScript from Windows desktop software to a Prinergy Evo server computer, you must create an AdobePS printer that is attached to a Prinergy Evo virtual printer—AppleTalk or LPR IP.

1. If you do not have an AdobePS printer, download the install software from the Downloads page at **http://www.adobe.com/**.
2. Double-click the AdobePS installation software file.



Note: You need to run the AdobePS installer each time you want to create an AdobePS printer.

3. Complete the AdobePS installation wizard:
   a. In the Printer Connection Type dialog box, select the **It is connected to your network (Network Printer)** option.
   b. In the Local Port Selection dialog box, select the Prinergy Evo virtual printer.
   c. In the Select Printer Model dialog box, click **Browse**.
   d. In the Browse for a Network Printer dialog box, locate and select **Prinergy Refiner PPD**. Default location: **<windows_directory>:\system32\spool\drivers\w32x86\3**.

e. In the Sharing dialog box, select **Shared**.

f. In the **Share Name** box, type a network share name.

g. In the Printer dialog box, **Printer Name** box, type a name for the virtual printer. Make sure it is a unique name from the network shared name and the virtual printer name.

h. Complete the remaining wizard dialog boxes as required.

i. Click **Install** to install the Prinergy Refiner PPD AdobePS virtual printer.

j. In the Printer Configuration dialog box, select **Yes** to configure your printer.

k. In the Prinergy Evo Refiner Properties dialog box, set the parameters as required.

l. Click **OK**.

m. In the Setup Complete dialog box, click **Finish**.

n. Click **Finish** again.

4. From your desktop software, print using the AdobePS virtual printer you have created. Do not print to file.

5. The virtual printer submits the file to Prinergy Evo, where it is automatically processed using the virtual printer's attached process template.

Publishing a LPR IP Virtual Printer

You can print from Macintosh or Windows-based client computers to Prinergy Evo LPR IP virtual printers.

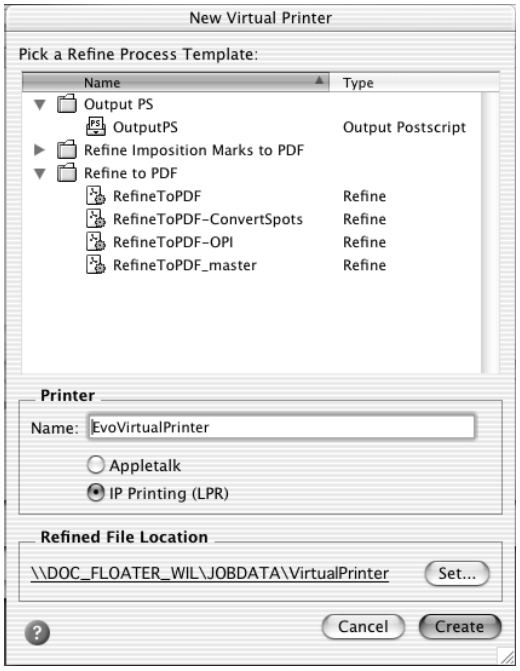
Publishing a LPR IP Virtual Printer

1. From the **Configure** menu, select **Virtual Printer**.

   The Virtual Printer dialog box appears.

2. Click **New**.

   The New Virtual Printer dialog box appears.



3. In the **Pick a Process Template** list, select a refine to PDF or output PS process template.



See the Prinergy Evo Client online help for more information.

4. In the **Name** box, type the name of the virtual printer so that you can identify it from your AppleTalk Chooser or SMB Finder. For example, `RefineToPDF PrintQueue`. The **Name** box uses the selected process template name by default.

   To avoid file problems between your operating systems, do not use the following characters in your file or folder names.

   ? " / \ < > * | : % $ ( ) +

   ] [. ... , ; ^ & { } # ' ~

5. Click **Set** to locate a folder to which to save the refined PDF file or output file.



   Note: The folder location becomes the default folder location in the selected process template dialog box if you select the **Send Processed Files to Default Location** option in the **Processed File Preferences** section.

   If you select the **Send Processed Files to:** check box in the **Processed File Preferences** section of the process template, this location overrides any location you set in the New Virtual Printer dialog box.

   Therefore, if you want to output a file to a hot folder or directly to a device, select the **Send Processed Files to:** check box in the **Processed File Preferences** section of the process template and set the path to output to a hot folder or print queue. You can only submit directly to a print queue or device via an Output PS virtual printer.

   The folder location displays in the **Default Output Location** box.

6. Click **Create**.

   Prinergy Evo creates the virtual printer.

   See *Adding the LPR IP Virtual Printer on a Mac OS X-Based Computer* on page 76.

If you want to print from a Windows-based computer, you must:

a. On the Prinergy Evo server computer, publish an LPR Port.

   See *Publishing a LPR Port on the Prinergy Evo Server Computer* on page 77.

b. On your Windows-based computer, add an AdobePS printer that uses the Prinergy Evo LPR Port.

See *Adding the LPR IP Virtual Printer on Your Windows-Based Computer* on page 79.

Adding a Prinergy Evo LPR IP Virtual Printer to a Mac OS X-Based Computer

To print from a computer running Mac OS X to a Prinergy Evo LPR IP virtual printer:

1. Create a LPR IP printer.

   See *Publishing a LPR IP Virtual Printer* on page 73.

2. Add the LPR IP print queue on your Macintosh computer.

   See *Adding the LPR IP Virtual Printer on a Mac OS X-Based Computer* on page 76.

3. From your desktop publishing application, for example, QuarkXPress, print to the Prinergy Evo LPR IP virtual printer.

   The LPR IP printer sends the input file to Prinergy Evo where it is processed according to the instructions in the attached process template.

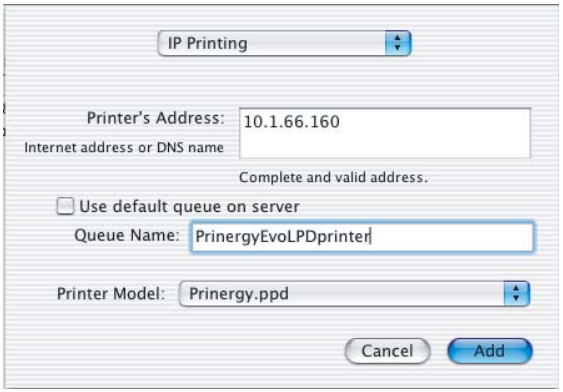
4. Prinergy Evo saves the final file in the location defined in the process template.



Note: Prinergy Evo does not support printing from computers running Mac OS 9.2.x to a Prinergy Evo LPR IP virtual printer. If printing from a computer running Mac OS 9.2.x, print to a Prinergy Evo AppleTalk virtual printer.

Adding the LPR IP Virtual Printer on a Mac OS X-Based Computer

1. On your Macintosh computer, open the Print Center.
2. In the Printer List dialog box, double-click **Add**.



3. In the Printer List dialog box, in the top list, select **IP Printing**.
4. In the **Printer's Address** box, type the Prinergy Evo Server IP address.
5. Clear the **Use default queue on server** check box.
6. In the **Queue Name** box, type the LPR IP queue name. It must exactly match the name you created in the Virtual Printer dialog box.
7. In the **Printer Model** list, select the Prinergy Refiner PPD you installed with the Prinergy Evo Client software. The default location is **<volume>/Library/Printers/PPDs/Contents/Resources/<language>.lproj.**
8. Click **Add** to add the LPR IP printer.
9. From your desktop publishing application (for example, QuarkXPress), print to the Prinergy Evo LPR IP virtual printer.

   The LPR IP virtual printer sends the input file to Prinergy Evo where it is processed according to the instructions in the attached process template.

   Prinergy Evo saves the final file in the location specified in the process template.

Printing from a Windows-Based Computer to a Prinergy Evo LPR IP Virtual Printer

If you want to print from a Windows-based computer, you must:

1. Create a Prinergy Evo LPR IP virtual printer.

   See *Adding the LPR IP Virtual Printer on a Mac OS X-Based Computer* on page 76.

   a. On the Prinergy Evo server computer, publish an LPR Port.

      See *Publishing a LPR Port on the Prinergy Evo Server Computer* on page 77.

   b. On your Windows-based computer, add an AdobePS printer that uses the Prinergy Evo LPR Port.

      See *Adding the LPR IP Virtual Printer on Your Windows-Based Computer* on page 79.

Publishing a LPR Port on the Prinergy Evo Server Computer

You want to publish the LPR port as a shared virtual printer so that you can print, using an AdobePS printer, from your desktop software applications on a Windows-based computer to the Prinergy Evo virtual printer.

1. On the Prinergy Evo server computer, select **Start** > **Settings** > **Printers** > **Add Printer**.
2. In the Add Printer wizard, Local or Network Printer dialog box, select the **Local Printer** option.
3. Clear the **Automatically detect and install my Plug and Play printer** check box. Click **Next**.
4. In the Select the Printer Port dialog box, select the **Create a New Port** option.
5. In the **Type** list, select **Standard TCP/IP Port** and click **Next**.
6. In the Standard TCP/IP Printer Port wizard dialog box, click **Next**.
7. In the Add Port dialog box, **Printer Name or IP Address** box, type the IP address of the Prinergy Evo server computer, or the Prinergy Evo server computer name.
8. In the **Port Name** box, type the LPR IP virtual printer name.

9. Click **Next**.



Important: The LDP IP print queue name must exactly match the LPR IP printer name.

10. In the Additional Port Information Required dialog box, select the **Custom** option.
11. Click **Settings**.
12. In the Configure Standard TCP/IP Port Monitor dialog box, **Protocol** area, select the **LPR** option.
13. In the **Queue Name** box, type the Prinergy Evo virtual printer name.
14. Set the remaining parameters as required.
15. Click **OK**.
16. Click **Next**.
17. Click **Finish**.
18. In the Add Printer dialog box, select **Generic/Text**. Click **Next**.
19. In the Name Your Printer dialog box, **Printer Name** box, type the name of the Prinergy Evo LPR virtual printer. Click **Next**.
20. In the Printer Sharing dialog box, **Share as** box, type the share name for the LPR printer. For example, `Prinergy Evo LPR Printer`. Click **Next**.
21. Follow the remaining instructions in the wizard to create the LPR port.

Adding the LPR IP Virtual Printer on Your Windows-Based Computer

In order to print directly to PDF or PostScript from Windows desktop software to a Prinergy Evo server computer, you must create an AdobePS printer that is attached to a Prinergy Evo virtual printer—AppleTalk or LPR IP.

1. If you do not have an AdobePS printer, download the install software from the Downloads page at **http://www.adobe.com/**.
2. Double-click the AdobePS installation software file.



Note: You need to run the AdobePS installer each time you want to create an AdobePS printer.

3. Complete the AdobePS installation wizard:
   a. In the Printer Connection Type dialog box, select the **It is connected to your network (Network Printer)** option.
   b. In the Local Port Selection dialog box, select the Prinergy Evo virtual printer.
   c. In the Select Printer Model dialog box, click **Browse**.
   d. In the Browse for a Network Printer dialog box, locate and select **Prinergy Refiner PPD**. Default location: **<windows_directory>:\system32\spool\drivers\w32x86\3**.
   e. In the Sharing dialog box, select **Shared**.

f. In the **Share Name** box, type a network share name.

g. In the Printer dialog box, **Printer Name** box, type a name for the virtual printer. Make sure it is a unique name from the network shared name and the virtual printer name.

h. Complete the remaining wizard dialog boxes as required.

i. Click **Install** to install the Prinergy Refiner PPD AdobePS virtual printer.

j. In the Printer Configuration dialog box, select **Yes** to configure your printer.

k. In the Prinergy Evo Refiner Properties dialog box, set the parameters as required.

l. Click **OK**.

m. In the Setup Complete dialog box, click **Finish**.

n. Click **Finish** again.

4. From your desktop software, print using the AdobePS virtual printer you have created. Do not print to file.

5. The virtual printer submits the file to Prinergy Evo, where it is automatically processed using the virtual printer's attached process template.

Printing to a PostScript File from a Desktop Application

To create good PostScript files for submission to Prinergy Evo, we recommend you use the **Prinergy Refiner PPD**, which you installed when you installed your Prinergy Evo Client software.

If printing to PostScript from a Macintosh desktop application, we recommend you set up your Macintosh printer (for example, AdobePS or LaserWriter), with the **Prinergy Refiner PPD** as the printer model or printer description.

If printing to PostScript from a Windows desktop application, we recommend you use an AdobePS virtual printer with the **Prinergy Refiner PPD**.

See *Creating an AdobePS Virtual Printer on Prinergy Evo Windows Clients* on page 82.

If you do not have a Prinergy Evo refine to PDF or output PostScript license, you must submit PDF files to Prinergy Evo for output to proof or plate.

To create good PDF files for output via Prinergy Evo using Acrobat Distiller:

1. From your desktop application, print to a PostScript file. We recommend you use the **Prinergy Refiner PPD** as the printer model or printer description when printing to PostScript.
2. In Acrobat Distiller, create a job options file.



See the Prinergy Evo Client online help for information on recommended Acrobat Distiller job option settings.

3. In Acrobat Distiller, distill the PostScript file to PDF using the job options file.



See your Acrobat Distiller documentation for information on distilling PostScript files to PDF.

Creating an AdobePS Virtual Printer on Prinergy Evo Windows Clients

If you do not have a Prinergy Evo refine to PDF or output PostScript license, you must submit PDF files into Prinergy Evo for output to proof or plate. If printing to PostScript from a Windows desktop application, we recommend you use an AdobePS virtual printer with the **Prinergy Refiner PPD.**

1. If you do not have AdobePS virtual printer, download the install software from the Downloads page at http://www.adobe.com/.
2. Double-click the AdobePS installation software file.



Note: You need to run the AdobePS installer each time you want to create an AdobePS virtual printer.

3. Complete the AdobePS installation wizard, clicking the **Next** button to move to the next wizard dialog box.
   a. In the Printer Connection Type dialog box, select the **It is directly connected to your computer (Local Printer)** option.
   b. In the Local Port dialog box, select **FILE.**
   c. In the Select Printer Model dialog box, click **Browse.**
   d. In the Browse for Printer dialog box, browse for and select **Prinergy Refiner PPD.** The default location is **<windows_directory>:\system32\spool\drivers\w32x86\3** .
   e. Complete the remaining wizard dialog boxes as required.
   f. Click **Install** to install the Prinergy Refiner PPD AdobePS virtual printer.

Submitting Files from Prinergy Evo Client to a UNIX Server

In order to submit files from Prinergy Evo Client software to a UNIX Server, you need to install and turn on Services for UNIX on your Prinergy Evo server computer. Once you have installed Services for UNIX, you must then turn off or set to manual TCP/IP Print Services, otherwise Prinergy Evo will prompt you with an error message that the Virtual Printers will not work properly.

To submit files from Prinergy Evo Client software to a UNIX Server:

1. On the UNIX Server computer, create a shared network folder or hot folder.

   See your UNIX operating system documentation for information on creating shared network folders.

2. Make sure Services for UNIX is installed and active on your Prinergy Evo server computer.

   See your Windows documentation for information on installing Services for UNIX.

   A Network File System portal appears in **Windows Explorer** > **My NetWork Places** > **Entire Network**.

3. In the Prinergy Evo Client software, from the **Configure** menu, select **Process Template Editor**.

4. In the Process Template Editor dialog box, select a process template group.

5. From the **File** menu, select **New <process template type>** to open the process template dialog box. For example, New Output PDF Template.

6. In the process template dialog box, **Processed File Preference** section, select **Send Processed File to**.

7. In the **Device Path** box, click **Browse**.

8. In the File Browse dialog box, select **Network**.

9. Double-click **Network File System**.

10. Select the UNIX Server and shared folder to which you want to submit processed files.

11. Click **Select <name of shared folder>**.

    The path to the UNIX server computer shared folder appears in the **Device Path** box.

12. Set the remaining parameters for the process template as required.
13. From the **File** menu, select Save to save the new process template.
14. Create a submission channel.
15. Submit the file to the submission channel for processing. Once Prinergy Evo has finished processing the file, it sends the file to the shared folder on the UNIX server computer.

A

Migrating Configuration Settings to Windows 2003 Server

Before You Begin 86
Migrating Settings Between Prinergy Evo Released Versions 90
Installing and Migrating Configuration Settings.....107

Before You Begin

Before you begin updating the Windows 2000 Server to a Windows 2003 Server operating system and migrating Prinergy Evo 1.1 configuration settings to run in a Prinergy Evo 1.2 system, make sure you have the software listed in Table 3 on page 87.

Creo sends the software listed in Table 3 with the Prinergy Evo system if you purchased your Prinergy Evo hardware from Creo. If you installed Prinergy Evo software on your own Windows 2000 Server computer, you are responsible for providing the required software.

The hardware platforms referred to in this chapter are the Dell PowerEdge 400 and Dell PowerEdge 2600, equivalent to the Prinergy Evo Performance Server and Prinergy Evo Premium Servers, respectively.



Important: BIOS and F8 boot options will not work with a USB keyboard.

Table 3: Required software to migrate from Windows 2000 Server, Prinergy Evo 1.1 to Windows 2003 Server, Prinergy Evo 1.2

Required	Description	Required for the Following Server Computers
Internet connection	If you want to update to Prinergy Evo 1.1 via the Prinergy Evo Administrator dialog box automatic update feature, the Prinergy Evo server computer must have an internet connection. This will enable you to access Creo's eCentral and download the software. See *Updating Your Prinergy Evo System* on page 32.	• Dell PowerEdge 400 or 700 • Dell PowerEdge 2600
Symantec Ghost 8.0 software installed on your Windows 2000 Server. **Note:** If you purchased a complete Prinergy Evo system (hardware and software) and a service contract, Creo supplies a copy of the Symantec Ghost 8.0 software. It is either on the production DVD that is shipped with complete Prinergy Evo systems, or is installed in a **Recovery** folder on the Prinergy Evo Server's data drive.	Creates a system backup of your Prinergy Evo 1.1 software configurations	• Dell PowerEdge 400 or 700 • Dell PowerEdge 2600

Required	Description	Required for the Following Server Computers
Windows 2003 Server CD **Note:** If the Prinergy Evo server computer was purchased from Creo, and you are now upgrading the computer to Windows 2003 Server, use the Creo-supplied Windows 2003 Server license key. You will not need to activate the Windows 2003 Server software. If you are upgrading a Windows 2000 Server that did not come from Creo, you must purchase your own copy of the Window 2003 Server (Standard Edition). You will be prompted to activate and register the operating system software.	Upgrades your Prinergy Evo server computer to run a Windows 2003 Server operating system	• Dell PowerEdge 400 or 700 • Dell PowerEdge 2600
Creo's Windows 2003 Server Resources CD **Note:** Available only if you have purchased a Creo service contract	Enables you to create floppy disks that start automatically	• Dell PowerEdge 400 or 700 • Dell PowerEdge 2600

Required	Description	Required for the Following Server Computers
Latest Windows 2003 Server compatible Server BIOS **Note:** If you did not purchase the Prinergy Evo server computer from Creo or do not have a Creo service contract, you can download this executable from http://www.Dell.com/.	Updates the Windows 2000 Server computer BIOS settings to be compatible with Windows 2003 Server.	• Dell PowerEdge 400 or 700 • Dell PowerEdge 2600
Latest Windows 2003 Server compatible Embedded Server Management (ESM) firmware Windows executable. **Note:** If you did not purchase the Prinergy Evo server computer from Creo, or do not have a Creo service contract, you can download this executable from http://www.Dell.com/.	Updates Windows 2000 Server Management firmware to enable remote hardware support.	• Dell PowerEdge 2600 only
Latest Windows 2003 Server compatible Server embedded RAID controller's firmware **Note:** If you did not purchase the Prinergy Evo server computer from Creo, or do not have a Creo service contract, you can download this executable from http://www.Dell.com/.	Updates Windows 2000 Server embedded RAID controller to be compatible with Windows 2003 Server.	• Dell PowerEdge 2600 only

Required	Description	Required for the Following Server Computers
Latest Windows 2003 Server compatible Server embedded RAID Controller's device driver **Note:** If you did not purchase the Prinergy Evo server computer from Creo, or do not have a Creo service contract, you can download this executable from http://www.Dell.com/.	Installs the PERC device driver for Windows 2003 Server.	• Dell PowerEdge 2600 only
Prinergy Evo 1.1 DVD Or: Via the Prinergy Evo Administrator dialog box, **Updates** tab, download the software from eCentral.	Installs Prinergy Evo 1.1 Server software and Client software.	• Dell PowerEdge 400 or 700 • Dell PowerEdge 2600

Migrating Settings Between Prinergy Evo Released Versions

If you are running Prinergy Evo 1.1 on a computer running Windows 2000 Server and updating the Prinergy Evo software to a later version of Prinergy Evo 1.2 on the same computer running Windows 2000 Server, Prinergy Evo automatically migrates all the Prinergy Evo settings during the installation of the newer released version. For more information on updating your Prinergy Evo Server software, see *Updating Your Prinergy Evo System* on page 32.

If you want to update Prinergy Evo 1.1 Server software running on Windows 2000 Server to Prinergy Evo 1.2 Server software running on Windows 2003 Server, you need to:

1. Set the **PrinergyEvoNetwork** and **PrinergyEvoLocal** services to **Manual**. See *Setting the Prinergy Evo Services to Manual* on page 93.
2. If you have pcAnywhere® software installed, from the **Start** menu, select **Settings** > **Control Panel** > **Add/Remove Software** to remove pcAnywhere software. See *Uninstalling pcAnywhere* on page 93.

3. If you have Dell OpenManager software installed, from the **Start** menu, select **Settings** > **Control Panel** > **Add/Remove Software** to remove Dell Open Manager (System Administrator and ArrayManager as well).
4. Create a system backup or ghost image of Prinergy Evo 1.1 software and configurations, and of any other programs running on the Prinergy Evo server computer that you want to migrate to Windows 2003 Server computer. Do not create a ghost image of the data drive as it could be very large. Creating a system backup or ghost image may take approximately one hour.



For information on creating a ghost image or backup, see your Symantec Ghost software documentation.

5. Upgrade the Windows 2000 Server BIOS and Firmware so that it is compatible for the Windows 2003 Server. See *Making Windows 2000 Server BIOS and Firmware Windows 2003 Server Compatible* on page 95.
6. Upgrade the RAID firmware and drivers so that they are compatible with the current Windows 2000 Server operating system. See *Making Windows 2000 RAID Firmware and Drivers Windows 2000 Server Compatible* on page 97.
7. Create another system backup or ghost image of the upgraded Prinergy Evo Server computer.
8. Collect the Windows 2003 compatible device drivers.
9. Update the Prinergy Evo server computer running Windows 2000 Server operating system to Windows 2003 Server operating system, making sure to select the default Perc4/Di RAID device driver settings. See *Installing the Windows 2003 Server Operating System* on page 100.
10. If the Prinergy Evo server computer is running CS Xpose 2.00.064 or earlier:
    a. Locate the **HFDaemon.exe.local** file in **Xpose/Version/bin**, and rename it to **HFDaemon.exe.local0**.
    b. Locate the **TIFFExpose.exe.local** file in **Xpose/Version/bin**, and rename it to **TIFFExpose.exe.local0**.

11. In an Internet browser window, open **http://v4.windowsupdate.microsoft.com/en/default.asp** and install all the latest critical updates and patches from the Microsoft Windows Update web page. See *Updating Prinergy Evo Server with the Latest Windows 2003 Updates* on page 105.
12. Restart the Prinergy Evo server computer.
13. If you are running a Dell computer, install the Dell OpenManager Application Suite (optional), and update the Array Manager. See **http://www.dell.com/** for more information about installing the Dell Open Manager Application.
14. Start Prinergy Evo 1.2 Administrator, any device control software (for example, CS Xpose, Print Console), Harmony, and Service Host and Client to make sure that the upgrade completed properly.
15. Check that your connected devices or network printers are still working properly. If not, then those devices or network printers may not be able to operate on a Windows 2003 Server.
16. Check the Prinergy Evo prerequisite settings and make sure that your system complies. See *Prerequisites for Prinergy Evo Installation* on page 9.
17. Set up your operating systems security settings for the Internet and group policies. See *Configuring Windows 2003 Server Operating System Settings* on page 102.
18. Install Prinergy Evo 1.1 Server software. See *Installing and Migrating Configuration Settings* on page 107.
19. Install Prinergy Evo 1.1 Client software on a client computer. See *Connecting to, Installing, and Starting the Prinergy Evo Client Software on Windows-Based Computers* on page 48.
20. Complete the Prinergy Evo Installation Test Procedure to make sure that the upgrade and installation completed properly.
21. Install Prinergy Evo Client software on any additional client computers.
22. Create a ghost image, or backup, of the Prinergy Evo 1.1 installation on the Windows 2003 Server operating system, using Symantec Ghost 8.0 software.

Setting the Prinergy Evo Services to Manual

In order to save time between restarting the Prinergy Evo Server during upgrade to Windows 2003 Server, reset Prinergy Evo Network and Prinergy Evo Local Services to start manually.

To reset Prinergy Evo Network and Prinergy Evo Local Services to manual:

1. On the server desktop, right-click **My Computer** and select **Manage** from the short-cut menu.

   The Computer Management dialog box appears.

2. In the **Tree** tab, click **Services and Applications**.
3. Click **Services**.
4. In the list of Services in the right-hand box, double-click **Prinergy Evo Network**.

   The Prinergy Evo Network Properties dialog box appears.

5. In the **Startup type** list, select **Manual**.
6. Click **OK**.
7. In the list of Services in the right-hand box, double-click **Prinergy Evo Local**.

   The Prinergy Evo Local Properties dialog box appears.

8. In the **Startup type** list, select **Manual**.
9. Click **OK**.

Uninstalling pcAnywhere

If your system has pcAnywhere installed, you must uninstall pcAnywhere from your Windows 2000 Sever. Otherwise, when you upgrade to Windows 2003 Server you may find that you have problems connecting remotely to your Windows 2003 Server via Terminal Services.

To uninstall pcAnywhere:

1. From the **Start** menu, select **Settings** > **Control Panel** > **Add/Remove Software.**

   The Add/Remove Software dialog box appears.

2. Select **pcAnywhere.**

3. Click **Remove.**

   The software is removed.

Making Windows 2000 Server BIOS and Firmware Windows 2003 Server Compatible

If your system does not have the current version of BIOS, you will need to update it.

To check a computer's BIOS and ESM versions:

1. Start Prinergy Evo server computer.
2. When prompted, press **F2**.
3. Check the version level of the different hardware components. The BIOS levels and Embedded Server Management Firmware (ESM) should be at the following levels for a Prinergy Evo server computer:

Dell PowerEdge 2600 Server computer	Dell PowerEdge 400 Server computer
BIOS A10 or higher	BIOS A06 or higher
ESM A32 or higher **Note:** A32 is the package number displayed on the Dell web site. The different ESM component (listed when the server is starting) revision numbers are: • Baseboard Management Controller Version 1.74. • Primary Backplane Version 1.01. • Peripheral bay backplane Version 1.01. • Sensor Data Records: SDR Ver. 0.33.	

4. If you do not have the latest versions, check the last known good listings posted on the computer hardware manufacturers' installation web pages (for example, http://www.dell.com/) for the current versions of BIOS, Embedded Server Management Firmware (ESM).



Note: Creo service representatives should check their internal resources for the most current version.

5. Depending on your hardware server, download the **2600 BIOS** or **400 BIOS** executable file to **<data_drive>:\BIOS_FW\xx00\BIOSxx\.**
6. Double-click the **2600 BIOS Axx.exe** file or **400 BIOS Axx.exe** file.
7. When prompted, insert a blank floppy disk into the floppy disk drive to create the BIOS floppy disk.

   If updating to A11, the system does not ask for a floppy disk. The system prompts you to restart your computer.



Note: Creo service representatives should check the instruction for their internal resources as those instructions may differ slightly.

8. Restart the server.

   The server automatically starts with the Flash BIOS Update Program—version Axx prompt.
9. Follow the instructions displayed in the window by pressing any key to continue.
10. Press **Y** to accept the prompt to replace the earlier revision BIOS with Axx BIOS.

    The BIOS flash starts.



WARNING: Do *not* disrupt the BIOS flash until it completely finishes.

11. Press any key to reboot the server. Verify that the new revision of BIOS Axx is shown during the startup screen.
12. If during this startup process, the system complains that the ESM version is outdated, then flash a new version of ESM.

Flashing the System ESM

If your system does not have the current version of ESM, you need to update it.

To update the ESM:

The Windows executable file for ESM A32 is ESM-WIN-A32.exe

1. Download the **ESM-WIN-A32.exe** executable file while Prinergy Evo Server is still running Windows 2000 Server.
2. Double-click **ESM-WIN-A32.exe**.
3. At the installation prompt, click **Install**.

   The ESM update starts.
4. Follow instructions in the wizard to complete the update.

Making Windows 2000 RAID Firmware and Drivers Windows 2000 Server Compatible

If the Prinergy Evo server computer contains RAIDs, you need to make sure that you have installed the RAID firmware and device drivers compatible for the current Windows 2000 Server computer.



Note: You only need to update the RAID controller firmware if running an Dell PowerEdge 2600 or equivalent computer.

To check a computer's RAID controller firmware and device controller versions:

1. Start the Prinergy Evo server computer.
2. When prompted, press **F2**.
3. Check the version level of the different hardware components. The RAID controller firmware should be at the following level for a Prinergy Evo Windows 2000 Server computer:

Dell PowerEdge 2600 Server computer	Current Windows 2000 Server Version
RAID firmware	**PERC 4/Di FW2.48**

4. From the desktop, right-click **My Computers**, and select **Manage** from the short-cut menu.

   The Computer Manager dialog box appears.

5. In the **Tree** tab, browse to **System Tools**, and select **Device Manager.**

6. In the **SCSI & RAID controllers** area, check the version level of the RAID device controller. It should be at the following level:

Dell PowerEdge 2600 Server computer	Current Windows 2000 Server Version
Device driver	**2600 PERC 4di driver v 5.46.0.0**

7. If you do not have the latest versions, check the last known good listings posted on the computer hardware manufacturers installation web pages (for example, http://www.dell.com/) for the current versions of Backplane controller firmware, and PERC RAID controller.



Note: Creo service representatives should check their internal resources for the most current version.

To update the RAID Controller's firmware:

1. Download the **PERC 4/Di FW2.48.exe** executable file.
2. Double-click the **PERC 4/Di FW2.48** file.
3. When prompted, insert a blank floppy disk into the floppy disk drive to create the Windows 2000 compatible server embedded RAID controller firmware floppy disk.



Note: You may need two blank floppy disks.

4. Restart the server with the floppy disk in the floppy disk drive.

   The server automatically starts with the Windows 2000 RAID controller firmware Update Program version 2.48 prompt.

5. Follow the instructions displayed on the screen by pressing any key to continue.

6. Press **Y** to accept the prompt to replace lower revision PERC RAID controller firmware with version 2.48.

   The update starts.



WARNING: DO NOT disrupt the update until it completely finishes.

7. Press any key to restart the server. Verify that the new version of Windows 2000 Server and Windows 2003 Server embedded RAID controller firmware (version 2.48) appears in the startup screen.

To update the RAID device drivers:

1. Run the **2600 PERC 4di driver v 5.46.0.0** compressed driver to decompress it and specify a directory on the server's local drive.
2. From the Desktop, right-click **My Computer**, and select **Manage** from the short-cut menu.

   The Computer Management dialog box appears.
3. In the **Tree** tab, select **Device Manager**.
4. In the right-hand box, right-click the **SCSI / Dell PERC** and select **Properties** from the short-cut menu.

   The Drivers Properties dialog box appears.
5. In the **Driver** tab, select **Update Driver**.

   The Hardware Update wizard appears.
6. In the Hardware Update wizard dialog box, select **Install from a list or specific location (Advanced)**.
7. In the Please choose your search and installation options dialog box, select **Don't Search, I will choose the driver to install**.
8. Click **<Have Disk...>**.

   The Install from Disk dialog box appears.
9. Click Browse to locate the directory specified in step 1.
10. Select **OEMSETUP.INF**.
11. Click **Open**.

12. Click **OK**.

    The Select the device driver you want to install for this Hardware dialog box appears.

13. In the **Model** section, select **Dell PERC4/Di RAID on Motherboard driver**.

14. Click **Finish**.

15. Click **Yes** to restart the computer.

Installing the Windows 2003 Server Operating System

Before you upgrade to Windows 2003 Server operating system, make sure you have created a ghost of the Prinergy Evo 1.1 software and configuration settings. Upgrading may take approximately 30 minutes to one hour.



WARNING: Do not reboot with the Windows 2003 Server CD in the CD /ROM drive. Windows 2003 Server will automatically begin a new clean install of Windows 2003 Server.

To install Windows 2003 Server operating system:

1. On the Prinergy Evo server computer, place the Windows 2003 Server CD into the CD-ROM drive.

   The Windows 2003 Server Installation wizard automatically appears.

2. In the Welcome to Microsoft (R) Windows (R) Server 2003 dialog box, click **Check server compatibility**.

3. Click **Check my system automatically**.

4. Click **Next**.

5. In the Microsoft Windows Upgrade Authorization dialog box, select **Yes, download the updated Setup files (Recommended)**.

6. Click **Next**.

   In the Report System Compatibility dialog box, Fax Services appears.

7. Click **Finish** to complete the Server compatibility check.

8. Click **Back**.

   The Install Windows 2003, Standard Edition dialog box appears.

9. In the Welcome to Windows Setup dialog box, **Installation Type** area, select **Install Windows 2003 Server, standard edition.**
10. Click **Next.**
11. In the Licensing dialog box, select **I accept this agreement** and click **Next.**
12. In the Your Product Key dialog box, **Product Key** box, type the license key from the Windows 2003 Server CD.



Note: If your Prinergy Evo server computer was shipped from Creo, with Windows 2000 Server and Prinergy Evo installed, and you are now upgrading the computer to Windows 2003 Server, use the Creo-supplied Windows 2003 Server License key. You will not have to register the Windows 2003 Server software. If you are upgrading a Windows 2000 Server that did not come from Creo, you will be prompted to activate and register the operating system software.

13. Follow the remaining instructions in the installation wizard to install Windows 2003 Server.



WARNING: Do not restart the computer with the Windows 2003 Server CD in the CD-ROM drive. Otherwise, Windows 2003 Server will automatically begin a new clean install of Windows 2003 Server.

Windows 2003 Server automatically restarts the computer once the upgrade installation is finished.

14. Once the computer has restarted, Creo recommends you run the Windows 2003 Server operating system in Classic mode.

Configuring Windows 2003 Server Operating System Settings

On the Windows 2003 Server operating system, you need to set up the required operating systems settings for Internet access and group policies.

Defining your Internet security settings

To define your Internet browser security settings you need to:

- Set the Internet security to medium-low
- Set creo.com as trusted site
- Set **http://www.creo.com/** as the home page (optional)

To set your Internet browser security to medium-low:

1. Open your Internet Explorer browser window.
2. From **Tools** menu, select **Internet Options**.

   The Internet Options dialog box appears.
3. In the **Security** tab, click **Custom Levels**.

   The Security Setting dialog box appears.
4. In the **Reset to** box, select **Medium-low**.

To set creo.com as a trusted site:

1. Open your Internet Explorer browser window.
2. From **Tools** menu, select **Internet Options**.
3. In the Internet Options dialog box, **Security** tab, select the **Trusted Sites** icon.
4. Click **Default Level**, if available.
5. Click **Sites**.
6. In the Trusted Sites dialog box, in the **Add this Web Site to the zone** box, type ***.creo.com**.
7. Clear the **Require server verification (https:) for all sites in this zone** check box.
8. Click **Add**.
9. Click **OK**.
10. In the **Privacy** tab, click **Default**, if available.

11. Click **OK**.
12. Click **OK**.

To set the Internet browser home page:

1. Open your Internet Explorer browser window.
2. From **Tools** menu, select **Internet Options**.

   The Internet Options dialog box appears.
3. In the **General** tab, **Home Page** area, **Address** box, type: **http://www.creo.com**.
4. Click **OK**.

Defining Group Policy

You define group policy from the Group Policy Editor dialog box.

To define group policy security settings:

1. From the **Start** menu, click **Run**.

   The Run dialog box appears.
2. In the **Open** box, type **GPEdit.MSC**.
3. Click **OK**.

   The Group Policy dialog box appears.
4. In the **Tree** tab, browse to **Computer Configuration/Windows Settings/Security Settings/Local Policies/Security Options**.
5. In the right section, double-click **Shutdown: Allow system to be shut down without having to log on**.

   The Shutdown: Allow system to be shut down without having to log on Properties dialog box appears.
6. In the **Local Security** tab, select **Disabled**.
7. In the **Tree** tab, browse to **Computer Configuration/Administrative Templates/System**.
8. In the right-hand section, double-click **Display Shutdown Event Tracker**.

   The Display Shutdown Event Tracker Properties dialog box appears.

9. Select **Disabled.**
10. In the **Tree** tab, browse to **Computer Configuration/Administrative Templates/Printers.**
11. In the right-hand section, double-click **Disallow installation of printers using kernel-mode drivers.**

    The Disallow installation of printers using kernel-mode drivers Properties dialog box appears.
12. Select **Enabled.**
13. In the **Tree** tab, browse to **Computer Configuration/Administrative Templates/Windows Components/Terminal Services.**
14. In the right-hand section, double-click **Sets rules for remote control of Terminal Services.**

    The Sets rules for remote control of Terminal Services dialog box appears.
15. Select **Disabled.**
16. In the **Options** list, select **Full Control with user's permission.**

Enabling Services for Macintosh Clear Text Authentication

After defining security settings for the Prinergy Evo Windows 2003 Server computer, enable the SFM clear text authentication.

To enable SFM clear text authentication:

1. Right-click **My Computers**, and select **Manage** from the short-cut menu.

   The Computer Manager dialog box appears.
2. In the **Tree** tab, right-click **Shared Folders**, and select **Configure File Server for Macintosh** from the short-cut menu.

   The File Server for Macintosh Properties dialog box appears.
3. In the **Enable Authentication** list, select **Apple Clear Text or Microsoft.**
4. Click **OK.**

Updating Prinergy Evo Server with the Latest Windows 2003 Updates

Once you have installed Windows 2003 Server software, update the server computer with any Microsoft Windows Updates available.

To update the Windows 2003 Server settings:

1. Open Internet Explorer.
2. From the **Tools** menu, select **Windows Update**.

   The Welcome to Windows Updates window appears.
3. Click **Scan for Updates**.

   The Pick Updates to Install window appears.
4. Select all **Updates**.
5. Click **Install** to install all updates.
6. Click **Finish** to restart the server computer.

Update the Windows 2003 Server RAID Firmware and Drivers

If the Windows 2003 Server computer contains RAIDs, update the RAID firmware and drivers.



Note: You only need to update the RAID controller firmware if you are running a Dell PowerEdge 2600 or equivalent computer that has older versions of firmware than **PERC 4di-pe2600-248-A14** and **2600 PERC 4di driver v 6.41.2.32**.

To update the RAID controller's firmware:

1. Download the **PERC 4di-pe2600-248-A14** executable file.
2. Double-click the **PERC 4di-pe2600-248-A14.exe** file.
3. When prompted, insert a blank floppy disk into the floppy disk drive to create the Windows 2000 Server embedded RAID controller firmware floppy disk.
4. Restart the server.

   The server automatically starts with the Windows 2000 Server RAID controller firmware Update Program—Version 2.48 prompt.
5. Follow the instructions displayed on the screen by pressing any key to continue.

6. Press **Y** to accept the prompt to replace lower revision PERC RAID controller firmware with version 2.48.

   The update starts.



WARNING: *Do not* disrupt the update until it completely finishes.

7. Press any key to restart the server. Verify that the new version Windows 2003 Server embedded RAID controller firmware (version 2.48) appears during start up.

To update the RAID device driver:

1. Run the **2600 PERC 4di driver v 6.41.2.32** compressed driver to decompress it and specify a directory on your server's local drive.
2. From the Desktop, right-click **My Computer**, and select **Manage** from the shortcut menu.

   The Computer Management dialog box appears.
3. In the **Tree** tab, select **Device Manager.**
4. In the right-hand box, right-click the **SCSI / Dell PERC** and select **Properties** from the short-cut menu.

   The Device Driver Properties dialog box appears.
5. In the **Driver** tab, select **Update Driver.**

   The Upgrade Device Driver wizard appears.
6. Follow the instructions in the wizard, clicking **Next** to move forward and **Back** to move back.
7. In the Install Hardware Device Drivers wizard dialog box, select **Search for a suitable driver for my device (Recommended).**
8. In the Locate a Specific Driver wizard dialog box, select **Specify a location.**
9. Click **Browse** to locate the folder for the driver you just decompressed and select **OEMSETUP.INF.**
10. Click **OK.**
11. If the listed driver directory is different than the one you specified, then select the **Install one of the other Drivers** check box.

12. In the directory of the decompressed driver updates you created, select the driver.
13. Click **Finish**.
14. Restart the computer.

Installing and Migrating Configuration Settings

To install Prinergy Evo 1.2 and migrate Prinergy Evo 1.1 configuration settings to Prinergy Evo, see *Installing Prinergy Evo Server Software* on page 25.

During installation or update of Prinergy Evo 1.1, the installation wizard prompts you to select an existing version from which to automatically migrate the configuration settings.

B

Troubleshooting

Reporting Problems to Creo 110

Saving and Restoring Your Prinergy Evo System Configurations 110

Unable to Open Prinergy Evo Client Online Help from a Windows-Based Client Computer 110

Error Messages Appear When Opening the Client Online Help on Windows-Based Server Computers.....111

Unable to Download Updates via the Updates Tab 113

Recovering Your Prinergy Evo System 114

Other Troubleshooting Resources 117

Reporting Problems to Creo

The Prinergy Evo Administrator dialog box, via the **Tools** tab, **Report Errors**, Prinergy Evo Error Reporter dialog box, enables you to capture the Prinergy Evo system history and error log files into a single compressed file. Alternatively, you can also capture system and history error logs from the Prinergy Evo Client, **System** menu. You can send this file to your Creo service representative for troubleshooting purposes.



See the Prinergy Evo Administrator online help for more information.

Saving and Restoring Your Prinergy Evo System Configurations

The Prinergy Evo Administrator enables you to save and restore your Prinergy Evo configuration settings so if something happens to your system you can restore your previously known good settings.



See the Prinergy Evo Administrator online help for more information.

Unable to Open Prinergy Evo Client Online Help from a Windows-Based Client Computer

After installing Prinergy Evo Client software on a computer running a Windows operating system, the online help will not open, with a HTTP 502 Proxy error message.

The computer's Internet browser probably has a proxy server enabled in the **Tools** > **Internet Options**. The Prinergy Evo Client software does not look at these settings (that is, it never uses a proxy), nor could it access the proxy server.

To enable the Prinergy Evo Client online help:

1. In the Internet browser window, from the **Tools** menu, select **Internet Options.**
2. In the Internet Options dialog box, select **Connections.**
3. In the **Connections** tab, click **LAN Settings**.

4. In the Local Area Network Settings dialog box, clear the options in the **Proxy server** area.

Error Messages Appear When Opening the Client Online Help on Windows-Based Server Computers

If running Prinergy Evo Client software on a Windows-based server computer, you may the following error messages when accessing the online help. These error messages are due to the Internet security settings on the Windows Server computer.

Can't Access the Prinergy Evo Server Web Server

`Content from the Web site listed below is being blocked by the Internet Explorer Enhanced Security Configuration` error message appears when trying to access the Prinergy Evo Client online help. Windows-based server computer Internet security settings does not recognize the Prinergy Evo server software's web server as a trusted site even though the online help sits on the Prinergy Evo server computer and is installed during the installation. This error message may appear even if you are running the Prinergy Evo Client software from the Prinergy Evo server computer.

To solve this problem:

1. In the Internet Explorer error message dialog box, click **Add** to add the Prinergy Evo client web server as a trusted site.

   The Trusted sites dialog box appears.

2. In **Add this Web site to the zone** box, click **Add** to add the http:// address of the Prinergy Evo server computer as a trusted site.

3. Click **Close**.

Windows 2003 Server Security Settings Prohibit Active X Controls

If you are running Prinergy Evo Client on a Windows 2003 Server computer, and you have not installed Macromedia Flash Player, and Internet Explorer's Internet security settings are set to High, you may receive the following error message: `Your current security settings prohibit running Active X controls on this page.`

To solve this problem:

1. In the Internet Explorer browser windows, **Tools** menu, select **Internet Options**.

   The Internet Options dialog box appears.

2. In the **Security** tab, select **Trusted Sites**.

3. Click **Sites**.

   The Trusted Sites dialog box appears.

4. In the **Add this Web site to the zone** box, type **http://macromedia.com/**. Do *not* type www.marcomedia.com.

5. Click **Add**.

   In the **Web sites** list, **http://macromedia.com/** appears.

6. Alternatively, you can change your Internet security settings to medium if you do not want to add Macromedia as a trusted site.

Error Message Prompting You to Install Macromedia Flash Player Appears

An error message prompting you to install Macromedia Flash Player appears when you try to access the Prinergy Evo Client online help from the Prinergy Evo Client software

This error message can appear if:

- The Macromedia Flash Player is not installed
- If you are running the Prinergy Evo Client software on a Windows 2003 Server computer and the Internet Explorer's Trusted sites, security levels for **Run ActiveX controls and plug-ins** and **Script ActiveX controls marked safe for scripting** are set to Disabled.

To fix this problem:

1. In the Internet Explorer browser windows, **Tools** menu, select **Internet Options**.

   The Internet Options dialog box appears.

2. In the **Security** tab, select **Trusted Sites**.
3. Click **Sites**.

   The Trusted Sites dialog box appears.

4. Click **Custom Level**.

   The Security Settings dialog box appears.

5. In the **Run Active X controls and plugin** area, select **Enabled**.
6. In the **Script Active X controls and plugins** area, select **Enabled**.
7. Alternatively in the **Reset custom settings** area, **Reset to** box, select Medium.
8. Click **Reset**.

Unable to Download Updates via the Updates Tab

You can automatically update the Prinergy Evo software via the Prinergy Evo Administrator dialog box, **Updates** tab.

In order to automatically update your software you need to:

- Have a registered user name and account to eCentral.
- Ensure ***.creo.com** and **updates.installshield.com** are listed as trusted sites in your internet browser.



For more information on automatically updating Prinergy Evo software, see the Prinergy Evo Administrator online help.

If you are unable to access the Windows Update wizard, check your internet browser and security settings. Your Internet browser security settings need to allow creo.com cookies.

1. Open your Internet Explorer browser window.
2. From **Tools** menu, select **Internet Options**.

3. In the Internet Options dialog box, **Security** tab, select the **Trusted Sites** icon.
4. Click **Default Level**, if available.
5. Click **Sites.**
6. In the Trusted Sites dialog box, in the **Add this Web Site to the zone** box, type ***.creo.com** and **updates.installshield.com**.
7. Clear the **Require server verification (https:) for all sites in this zone** check box.
8. Click **Add.**
9. Click **OK.**
10. In the **Privacy** tab, click **Default**, if available.
11. Click **OK.**
12. Click **OK.**

Recovering Your Prinergy Evo System

If you are having system problems, the following describes the escalation steps recommended to recover your Prinergy Evo system and to start processing files again. Each step described is an incremental step on top of the previous step.

For example, if you find that your system problem is not solved in step 1, complete step 2. If you find your system problem is solved in step 2, then do not complete the remaining steps, and so on.

1. Restart Prinergy Evo Server software.



See the Prinergy Evo Administrator online help for more information on restarting Prinergy Evo.

2. If you are still having system problems, shut down Prinergy Evo Server software and restart your Prinergy Evo server computer.
   a. Stop Prinergy Evo Server software.
   b. Once Prinergy Evo Server software has stopped, from the **Start** menu, select **Shutdown**.
   c. In the Shutdown dialog box, **What do you want your computer to do** box, select **Restart**.

      Note: Prinergy Evo server computer automatically restarts.
3. Save your Prinergy Evo system configuration settings. See *Saving and Restoring Your Prinergy Evo System Configurations* on page 110.
4. If you are still having system problems, one or more of your data files has been corrupted. The Prinergy Evo Administrator dialog box, **Tools** tab, **Reset Evo** button provides several ways to reset your Prinergy Evo system to a known, stable state.
   a. In the **How severe should this reset of Prinergy Evo be?** list, select **Discard all incomplete processes**.
   b. Click **Restore Now**.
5. If discarding all incomplete processes does not fix Prinergy Evo:
   a. Select **Discard all processes, active, queued, and historical**.
   b. Click **Restore Now**.
6. Save your Prinergy Evo system configuration settings to a network location. See *Saving and Restoring Your Prinergy Evo System Configurations* on page 110.

7. If discarding all processes, active, queued, and historical, does not fix Prinergy Evo, restore your Prinergy Evo system back to factory configurations and restore your saved system configurations.
   a. In the **How severe should this reset of Prinergy Evo be?** list, select **Restore Factory settings**.
   b. Click **Restore Now**.
   c. Once the factory settings are restored, the system is started. If you would like to restore a previously saved configuration, from the **System** tab, click **Stop** to stop Prinergy Evo.
   d. From the **Save/Restore** tab, click **Restore** to restore your previously saved system configurations. You must have previously saved your system configurations via the **Save/Restore** tab in Prinergy Evo Administrator dialog box.



For more information about saving and restoring your system configurations, see the Prinergy Evo Administrator online help.

8. If after resetting your Prinergy Evo system back to factory settings, and restoring your saved configurations, the problem persists, one or more of your system files has been corrupted. You must re-install your Prinergy Evo system. See *Reinstalling Prinergy Evo* on page 116 for more information.
9. If your Prinergy Evo system problem persists, contact your Creo service representative.

Reinstalling Prinergy Evo

Reinstall the Prinergy Evo software if one or more of your system files have been corrupted.

1. Make sure that any saved configuration files are saved outside of the main Prinergy Evo server computer folder.



For more information about saving your Prinergy Evo system configurations, see the Prinergy Evo Administrator online help.

2. Remove Prinergy Evo Server and Client software. For more information, see See the *Prinergy Evo Installation Guide* for more information.*Removing Prinergy Evo Server Software* on page 31 and *Removing Prinergy Evo Client Software* on page 51.
3. Using eCentral or the Prinergy Evo installation DVD, install the Prinergy Evo Server software and then Prinergy Evo Client software. See the *Prinergy Evo Installation Guide* for more information.
4. Start Prinergy Evo.
5. Restore your previously saved system configurations.
6. If you are still experiencing problems with your Prinergy Evo system, contact your Creo service representative.

Other Troubleshooting Resources

For additional troubleshooting resources, access Creo's eCentral Self Support Knowledge base web site (**http://www.creo.com**), where you can search for solutions to problems based on the product software and search keywords.

Glossary

action detail	Details of a recorded action displayed in the history log. Details can include date and time an action or process is performed, file names, and status.
Administrator	See *Prinergy Evo Administrator*.
Adobe Acrobat	A desktop application that lets you create and edit documents in Adobe's Portable Document Format (PDF).
client software	Software that makes a request of server software in order to complete a task.
color database	The color database contains such spot color information as process color recipes and ink parameters necessary for trapping. You create and maintain entries in the color database through the Color Database Editor.
Color Database Editor	The application that allows you to add and maintain global entries in the color database. Open the Color Database Editor from the **Configure** menu.
color match (verb)	To keep color consistency when converting one color space to another—for example, from RGB to CMYK. Prinergy Evo uses ICC profiles to map to L*a*b, a device independent color space. Prinergy Evo also uses ICC DeviceLink profiles without converting to L*a*b. An ICC target is used to map to a device space when a file is ready for output. This maintains color consistency between the color model and output devices.
Color Matching	The JTP (job ticket processor) that handles color matching in Prinergy Evo.
color mapping	Reduces the number of spot colors in the input files to the number of colors to be output by mapping the excess colors to other spot or process colors. Also, merges separations together that have different names but which are really the same color, such as PANTONE 485 C, PANTONE 485 CV, and PANTONE 485 CVC.

crop	Remove portions of a printed piece, photograph, plate, or digital image to cut it down to desired size or omit unnecessary detail. In Prinergy Evo, images are cropped automatically during the image optimization part of the Refine to PDF process to remove information that is not visible. Image cropping reduces file size.
CT/LW	A file format in which contone images (CT) are separated from the line work (LW). A third file (called the layout file) is used to position the CT images within the line work.
digital master	A PDF file created by Prinergy Evo from an input file is a digital master because it is a complete, reliable entity. Only page description information is contained in the PDF page. Proofs, film, and plates can be made from the same PDF file by selecting an appropriate output process template.
dot gain	On halftone output, the absolute percentage change in the actual (physical dot gain) and perceived (optical dot gain) size of a halftone dot as it goes through the halftone reproduction process. For example, five percent dot gain means that 5/100 more light is being absorbed, regardless of the tint that is being measured. In other words, five percent dot gain on a one percent tint means an effective dot area of six percent; five percent dot gain on a 50 percent tint means an effective dot area of 55 percent.
downsample	Reduce the resolution of an image. Frequently downsampling is done when the resolution is greater than is needed and the additional resolution does not enhance image quality. Downsampling reduces file size. In Prinergy Evo, downsampling takes place during the image optimization part of the refine to PDF process; downsampling values are set in the **Optimize** section of the refine to PDF process template.
element	Any item within a job, including a page, page set, signature, or input file.
fat PostScript	PostScript files that include high-resolution images. Compare to *thin PostScript*.
file reference	A reference created when an input file or imposition plan is added to a Prinergy Evo input file process.

file server	A computer that is connected to the Prinergy Evo system via the network, but is not running any Prinergy Evo software components. It is used to store folders or input files.
Font Converter	An application used to convert font files into PFA (PostScript Font ASCII) format. Store fonts converted using a qualified font converter on a global location on the Prinergy Evo server computer so that they are available to all jobs being processed by the Render JTP(s) on that server.
hot folder	A folder that is monitored for incoming files as a trigger for an automatic operation. The application that processes the files checks the folder location on a regular basis, then automatically processes files found there.
ICC (International Color Consortium) profile	A color space description that acts as a standard for accurate reproduction of colors across different platforms, devices, and applications.
image optimization	A step in the refine to PDF process that reduces the size of images in the input file by cropping and downsampling.
imposition	A means of arranging a number of pages on the front and back of a press sheet to ensure correct order after the printed sheet is folded.
imposition plan	A file containing an electronic description of the marks, geometry, and layout of page positions for one or more signatures. It typically does not contain page content. An imposition plan is created by preparing an imposition with blank pages using an imposition software, such as Preps, and saving it as a PDF job ticket.
imposition proof	The output of sheets, surfaces, or separations to a proofing device. The printing of the proof is initiated from Prinergy Evo by selecting the element, and then selecting an output process template. Also called signature proof.
input file	A file that contains page content. For example, a input file can be created by printing a customer's application file, such as a QuarkXPress file, to a PostScript file.
Job Definition Format (JDF)	An XML file that contains descriptions of device-specific settings and describes the desired output style for one or more pages from PDF files. See also *job ticket*.

job ticket	Job tickets provide information to Prinergy Evo so it knows how to execute a process. An output job ticket, for example, includes information about layout (imposition), PDF files, and device-specific settings. An output process template, created in the Process Template Editor, is like a template of device-specific settings. When you select elements and choose an output process template, file and layout information is added to the selected process template to build a complete job ticket.
job ticket processor (JTP)	A software program that performs a specific processing step to help process a job ticket. JTPs are configured using Prinergy Evo.
layering	The ability to assign two or more PDF pages to the same page position in a page set. Layering is typically used with versioning. Layering is supported in QuarkXPress and Preps 4.2.2 and later.
loose page proof	The output of a Output PDF page or pages to a proofing device (like a laser printer or color printer), or Virtual Proofing System software.
low resolution	Refers to images or data that are downsampled versions of full-resolution originals. In Prinergy Evo, the term low resolution can also be used to describe one of two types of renderers.
normalize	A step in the refining process that creates a one-page PDF file for each page in the input file. Options in the normalize process are default page size, OPI, and font handling.
OPI	Open Prepress Interface. An extension to PostScript that automatically replaces low-resolution placeholder images with high-resolution images. You can optionally initiate OPI during the Refine to PDF process by setting the appropriate OPI options in a process template.
optimization	See *image optimization*.
output	There are five types of output: PDF pages, imposed output, TIFF output, CEPS output, and flat PostScript output. Each of these output types corresponds to a process template type in the Process Template Editor: **Output PDF**, **Imposition Output**, **Output TIFF**, **CEPS Output**, and **Output PS**.

Output Imposition process template	Contains processing instructions to render and output an unpopulated PJTF or JDF file with refined PDF pages, to imposed N_up proof or plate. See *process template*.
Output PDF process template	Contains processing instructions to render and output a refined or distilled imposed, flat, 1-up, PDF file to proof or plate. See *process template*.
page geometry	Settings to define offsets, trim sizes, rotations, scaling, and bleeds for each page.
page proof	See *loose page proof*.
PDF	Portable Document Format. PDF is a reliable file format for storing line art, images, and text (including all required fonts) for pages. PDF files do not contain device-specific settings such as imaging resolution or duplex options.
Portable Document Format	See *PDF*.
Populated Job Ticket Format (PJTF)	Adobe's Populated Job Ticket Format (PJTF) contains descriptions of device-specific settings and describes the desired output style for one or more pages from PDF files. See also *job ticket*.
PostScript	A page description programming language developed by Adobe Systems Incorporated. It is used to describe type and visual elements so that they can be output on devices with PostScript interpreters.
press sheet	A piece of paper printed from either a sheet-fed or web-fed press that becomes part of a signature. For a web-fed press, the press sheet is the size of the roll width by the cutoff length.
Prinergy Evo Administrator	The application for system administration tasks such as starting and stopping Prinergy Evo, adding licenses, updating the software, and monitoring the server.
Prinergy Evo client computer	A computer that is running Prinergy Evo Client software; it is not running any Prinergy Evo Server software components. A Prinergy Evo client computer can be a Macintosh or Windows-based computer.

Prinergy Evo Client software	The client software that provides the main user interface to the Prinergy Evo system. From Prinergy Evo, you can manage the workflow for each input file. Within Prinergy Evo, you can access the Queue Manager, Process Template Editor, Font Converters, Adobe Acrobat, and Color Editor Database.
Prinergy Evo server computer	The server computer in a Prinergy Evo system. It contains all Prinergy Evo Server software components. There is only one Prinergy Evo server computer in a Prinergy Evo system.
Prinergy Evo Server software	The server side of the Prinergy Evo system. The Prinergy Evo server software coordinates requests from Prinergy Evo Client software and the device. It is made up of a number of components, including Prinergy Evo Administrator.
Prinergy Evo system	A system of networked computers that includes at least one server computer running Windows 2000 Server, or Windows 2003 Server and Prinergy Evo Server software. The Prinergy Evo system also contains at least one computer running Macintosh or Windows operating system and Prinergy Evo Client software. A Prinergy Evo system may also include any number of additional client computer (five clients per license).
process	An action that is initiated by a process template, for example, Refine to PDF and output. All other interactions with Prinergy Evo are called actions. A process requires one or more entities on which the process will operate—input files, PDF pages, signatures, surfaces, or separations—and a process template that specifies how the process will operate on the entities.
process template	A file containing a collection of options and parameters that tells Prinergy Evo how to perform a process. Because settings are predefined, using process templates provides consistent results. Process templates are created using the Process Template Editor.
Process Template Editor	The tool used to create, modify, and manage process templates. The Process Template Editor is accessed from the **Configure** menu.
process template group	A way of organizing process templates. Process template groups are created and maintained through the Process Template Editor. These groups are used to organize process templates.

Process Viewer	The window through which you view and manage queued and active processes.
rasterize	To convert vector data to pixel data.
recorded actions	Actions (including processes) the system performs that are displayed in the history log, such as submitting files, refining to PDF, and initiating output.
Refine to PDF	A Prinergy Evo process that can include, depending on your license, normalizing, color conversion, and trapping. Input files are processed by the refiner according to parameters set in the selected Refine to PDF process template.
Refined PDF pages	When the system refines an input file, it can create a single PDF file or a PDF file for each page in the input file. The resulting PDF files are sometimes referred to as refined pages.
refiner	The software component that performs the refining process. How the refiner behaves is specified by the selected Refine to PDF process template. See also *Refine to PDF*.
renderer	The software component that rasterizes and screens PDF input files.
RIP	Raster image processor. A software application that converts PostScript data into raster (bitmap) data. PDF workflow, as it is applied in Prinergy Evo, uses a two-phase RIP process: interpretation and rendering. Interpretation happens as part of the Refine to PDF process when the input file is normalized to PDF. Rendering, which converts the PDF file to raster data, happens as part of the output process.
run list	A term from Preps software for the collection of pages that makes up a signature. If you are using Preps to generate your imposition plans, each page in the Preps run list corresponds to a page position on a Prinergy page set.
separation	Refers to a color layer of one surface.
server computer	See *Prinergy Evo server computer*.
server software	In a client/server architecture, such as Prinergy Evo, server software (such as Prinergy Evo Server software) carries out requests made by client software (such as Prinergy Evo Client software), then sends relevant information back to the client software.

sheet	Both surfaces of one printed press sheet.
signature	One or more sheets folded to form a section of a book or pamphlet. Also called form.
signature proof	See *imposition proof*.
soft proof	A proof displayed on the monitor using soft-proofing software such as Adobe Acrobat or Virtual Proofing System software.
software process	A Prinergy Evo Server software component that performs a specific task.
Spot Color Handling	The section of the refine to PDF process template where color handling parameters are defined
surface	The set of separations that prints on one side of a press sheet. Surface sides are usually described as front and back, A and B, or 1 and 2.
system	See *Prinergy Evo system*.
system administration client	See *Prinergy Evo Administrator*.
thin PostScript	PostScript files that contain OPI references to high-resolution images, but no actual image data. Compare to *fat PostScript*.
thumbnail	A very low-resolution sample image of a page or signature displayed.
trap (verb)	A printing technique in which adjacent printed colors are slightly overlapped to ensure that white space does not appear between the colors. Trapping parameters can be specified in the original application program or in the refine to PDF process template.
TrapEditor	A Creo plug-in for Adobe Acrobat that lets you view and edit traps in your PDF files. The Trap Editor is not a standard Prinergy Evo component. It must be purchased separately.
trapper	The Prinergy Evo software component that provides trapping services (Trapper JTP).
TrapViewer	A Creo plug-in for Adobe Acrobat that lets you view traps and separations in your PDF files. The TrapViewer is a standard component of all Prinergy Evo systems.
versioning	A Prinergy Evo input file created in QuarkXPress or Preps software using the layering feature.

volume (Prinergy Evo)	A shared folder on a Prinergy Evo server computer. Mounting a volume (Macintosh) or mapping a drive (Windows) does not affect what appears in the Prinergy Evo Client.
workstation	See *Prinergy Evo client computer*.

Index

A

active versions
  changing, 34
additional resources, 53
administrative group
  and Prinergy Evo, 26
administrative privileges, 42, 48
administrator rights
  and Prinergy Evo server, 26
Adobe Acrobat, 13
Adobe Job Ticket, 5
AdobePS printer, 71, 79, 81, 82
AIX, 83
AppleTalk connections, 42
AppleTalk Font Downloader, 37
AppleTalk print ports
  and Windows, 70
AppleTalk virtual printers
  adding to Mac OS, 68, 69
  adding to Windows, 70
  publishing, 66, 73
AppleTalk virutal printers
  publishing, 67

B

BIOS upgrade, 95
Brisque, 83

C

calibrating
  output device, 63
calibration, 13
CD
  Windows 2000 Server Resources, 88
  Windows 2003 Server, 88
character limitations, 7
Chinese fonts, 35
  installing, 38, 39
CID fonts, 36
CJK fonts, 35
client online help, 10, 12
client software
  installing, 24, 42, 45
  installing on Mac OS, 45, 46
  installing on Windows, 48, 49
  removing installation, 51
  starting, 42, 49
  stopping, 49
  updating, 32
  updating via eCentral, 32
client software installation, 45
client/server
  connecting via shared folders, 42, 48
  hardware requirements, 9
  software requirements, 9
client/server software
  prerequisites, 9
  updating, 32
client/server system
  account settings, 17
  Prinergy Evo, 2
  shared folders, 17
client/server systems
  connecting via SMB, 44
  install workflow, 24
  installing server, 25
  key concepts, 3
  workflow, 3
complex multi-file Asian fonts, 36
configuring, 56
connecting via AppleTalk, 42
connecting via SMB, 42
connections
  internet, 10
  LAN, 9
cookies
  creo.com, 113

D

data storage, 28
DCS input files, 5
default storage locations, 28
Dell PowerEdge, 86
devices
  connecting to, 56
documentation, 53
domains, 9
dongle, 29
downloadable fonts, 36
DTP
  printing from, 71, 79, 81, 82
DVD
  installing client software, 46
  installing from, 25
  Prinergy Evo 1.1, 90
  server installation, 26
DVD installation, 25

E

eCentral
  installing from, 25
  software download, 29
  software installation, 29
  update software, 32
EPS input files, 5
ESM
  upgrading, 97

F

file names
  limitations, 7
File Server for Macintosh
  installing, 11
File Services for Macintosh, 9
files
  input formats, 5
  naming, 7
  output types, 6
  submitting to Unix, 83
Firmware
  updating, 105
  upgrading, 97
Firmware upgrade, 95
Flash Player, 10, 12
flashing, 97
folder names
  limitations, 7
folders
  font, 36
  naming, 7
  network

folders, 3
recommendations, 17
fonts
and AppleTalk Font Downloader, 37
CID, 36
CJK, 35
complex multi-file Asian, 36
downloadable, 36
installing, 35, 37
installing Chinese fonts, 38, 39
PostScript, 38, 39
protected, 36
recommdations, 36
single file, 36
unprotected, 36
using low-resolution, 40

G

geometry
previewing, 13
Geometry Editor plug-in, 14
glossary, 119

H

hardware requirements, 9
Harmony
configuring a proofing device, 59
configuring an output device, 63
described, 64
installing, 64
required software, 13
help documentation, 53
hot folders, 28

I

imagesetters
configuring, 56, 60
connecting to, 56
imposition layouts, 13
input file formats, 5
installations
installing software, 25
removing software, 31, 51
installing
defined, 25
internet browser security, 113
internet connections, 10

J

Japanese fonts, 35
JDF, 5
job data folders, 28
JobData folders, 17

K

Korean fonts, 35

L

LAN connections
File Services for Macintosh, 9
prerequisites, 9
layout
previewing, 13
license keys, 27, 28
adding and managing, 30
limitations
characters, 7
low-resolution fonts, using, 40
LPD IP print ports
and Windows, 77
LPD IP virtual printers
publishing, 73

M

Mac OS, 2, 45
and client softaware installation, 45
Mac OS 9.2.x
adding AppleTalk virtual printers, 68
client software installation, 45, 46
Mac OS X
adding AppleTalk virtual printers, 69
adding LPD IP virtual printers, 75, 76
and client software installation, 42
client software installation, 45, 46
using SMB, 44
Macintosh
operating system, 2
starting client software, 49
stopping client software, 49
TCP/IP services, 10
Macintosh operating systems, 45
Macromedia, 10, 12
mapping drives, 48
mapping folders, 42
migration
before you begin, 86
from Prinergy Evo 1.0 to 1.1, 107
general workflow, 90
prerequisite software, 87
mounted volume recommendations, 17
mounted volumes, 3
mounting volumes, 42

N

network directories, 3
Network File System, 83

O

obtaining, 28
online help, 53
operating systems, 45
output devices
configuring, 60, 61
connecting to, 61
testing calibration, 63
output files
raster formats, 6
vector formats, 6

P

PC Anywhere
removing, 93
PDF, 2
and prepress workflow, 2
AppleTalk virtual printers, 66, 67, 68, 69, 70, 73, 77
LPD IP virtual printers, 73, 75, 76, 77
printing to, 71, 79, 81, 82
virtual printers, 66
PDF 1.4
transparency, 6
PDF input files, 5
PDF-based prepress workflow, 2

performance servers, 86
PgyEvoInstall folder
installing client software, 45
PJTF, 5
PlateExpose, 83
platemakers
configuring, 56, 60
connecting to, 56
plugging in, 29
plug-ins
Geometry Editor, 14
Trapper, 14
View Accelerator, 14
PostScript fonts, 36
PostScript input files, 5
PPD file
creating for Prinergy, 62
described, 61
storing, 62
PPD storage folder, creating, 62
PPX file
creating for Prinergy, 62
described, 61
storing, 62
premium servers, 86
Preps, 13
imposition layouts, 13
prerequisites
connecting to output devices, 60
connecting to proofers, 56
software, 13
system and software, 9
previewing, 13
Prinergy Evo
definition, 2
introduction, 3
Prinergy Evo Administrator, 30
Prinergy Evo Administrator dialog box
and accessing update software, 32
Prinergy Evo client
installing client software, 42
Mac OS X, 44
starting client software, 42
Prinergy Evo client computer
connecting to server, 42
mounting volumes, 42
Prinergy Evo Network service account, 26
Prinergy Evo server account, 26
Prinergy Evo server software
installing, 25
Prinergy Evo Services
setting to manual, 93
Prinergy Evo system
recovery, 114
reinstall, 116
Print Center
adding LPD IP virtual printers, 76
Print Console
generating PPD and PPX files, 62
print ports
AppleTalk, 70
LPD IP, 77
printers
virtual, 71, 79, 81, 82
printers. *See* proofing devices
printing
via AppleTalk virtual printers, 66, 73
via AppleTalk virutal printers, 67
via virtual printers, 66
via virutal printers, 66
privileges
read/write, 26
Process Plan Editor
configuring a proofing device, 58
proofers, 56
configuring, 57
connecting to, 56
connecting to workflow, 56
prerequisites, 56
proofing devices, configuring, 56
protected fonts, 38, 39

R

RAID
updating, 105
upgrading, 97
upgrading device controllers, 99
Recovering Prinergy Evo system, 114
Refine to PDF
via AppleTalk virtual printers, 66, 67, 68, 69, 70, 73
via LPD IP virtual printers, 73, 75, 76, 77
virtual printers, 66
reinstalling Prinergy Evo, 116
version, 26
remote support
ServiceWire, 14
Terminal Services, 14
requirements
hardware and software, 9

S

security settings, 102, 103, 104
self study guide, 53
server
eCentral installation, 25
installing, 25
re-install, 26
starting, 27
server installation, 25, 26
and license keys, 27
automatic start, 27
initial installation, 25
via DVD, 26
via eCentral, 29
server software
installing, 24
manually stopping, 31
removing installation, 31
starting, 30
starting from system tray, 31
stopping, 30
updating, 32
servers
performance, 86
service account, 26
Services for Macintosh
enabling, 104
Services for Unix, 10, 12, 83
ServiceWire, 14
shared folders, 17
and data storage, 28
connecting, 42, 48
Shockwave, 10
signatures
content, 13
single file fonts, 36
SMB
connecting client/server, 44
SMB connections, 42
software
installing, 25

PC Anywhere, 93
Prinergy Evo 1.1, 90
Symantec Ghost, 87
updating, 113
Windows 2000 Server Resources, 88
Windows 2003 compatible ESM Firmware, 89
Windows 2003 compatible Server BIOS, 89
Windows 2003 compatible Server embedded RAID controller's firmware, 89
Windows 2003 Server, 88
software downloads, 10
software requirements, 9
software updates
and licensing, 30
software versions
changing, 32
changing active version, 34
saving, 32
testing, 34
Symantec Ghost, 87

T

TCP/IP Print services
Off, 9
Terminal Services, 14
and PC Anywhere, 93
testing software versions, 34
training, 53
Trapper plug-in, 14
Turning, 10

U

uncalibrated loose page proof, 58
uninstalls, 31, 51
Unix, 83
unprotected fonts, 36, 38
Update Service, 32
Update wizard, 113
Updates tab, 113
updating
defined, 25
updating software, 25, 32
using eCentral, 32
upgrading
and licensing, 30
USB Super Pro Key, 29
user accounts, 9
user groups, 9

V

versions
active, 34
dormant, 34
testing, 34
View Accelerator plug-in, 14
virtual printers, 66
adding, 68, 69, 70, 73
adding to Mac OS X, 75, 76
adding to Windows, 77
AdobePS printer, 82
and direct printing, 71, 79
and Prinergy Refiner PPD, 81
AppleTalk, 66, 67, 73
publishing AppleTalk Print Ports, 70
publishing LPD IP Print Ports, 77
Virtual Proofing System, 13
volumes
mounted, 3
mounting, 42

W

web based training, 10
Windows, 2
adding LPD IP virtual printers, 77
client software installation, 48, 49
publishing AppleTalk print ports, 70
publishing LPD IP print ports, 77
Windows 2000 Server
Firmware compatibility, 97
RAID compatibility, 97
Windows 2000 Server Resources CD, 88
Windows 2003 compatible ESM Firmware
firmware
ESM, 89
Windows 2003 compatible Server BIOS, 89
Windows 2003 compatible Server embedded RAID Controller's device driver, 90
Windows 2003 compatible Server embedded RAID controller's firmware, 89
Windows 2003 Server
defining group policy security, 103
Internet home pages, 103
internet security settings, 102
security settings, 102
Service for Macintosh, 104
trusted sites, 102
updating to, 100
Windows 2003 Server CD, 88
Windows computers
adding AppleTalk virtual printers, 70
Windows Terminal Services, 14
workflows
installation, 24

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