



Universal Management Agent

G10L-9937-0

**Installation Guide for  
Universal Management Agent Plus**





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**Note**

Before using this information and the product it supports, be sure to read the information in Appendix A, "Notices and Trademarks" on page 11.

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## About This Guide

This guide is intended for network administrators and users who will be installing Universal Management Agent Plus. This guide contains:

- Software prerequisites
- An overview of the various applications contained in the Product
- Installation instructions
- Instruction for modifying the EZ Admin SETUP95.INI and SETUPNT.INI files to change the default settings for installation
- Instructions for modifying the SMART Reaction SETUP.ISS file to implement a silent installation

After installing the program, refer to the integrated help system for operating instructions.

Additional information about the Universal Management Agent program and Universal Management Agent Plus is available at the UMA Web site:

<http://www.ibm.com/pc/us/desktop/uma>

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## Chapter 1. Overview

IBM Universal Management Agent Plus extends the base functions of the Universal Management Agent (UMA) program by adding applications and updating the interface and help system for seamless integration. You must already have the UMA program installed before you install Universal Management Agent Plus.

Because of licensing considerations, Universal Management Agent Plus can be installed and used only on certain models. For a complete list of these models, see the UMA Web site at:

<http://www.ibm.com/pc/us/desktop/uma>

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## Program Description

Universal Management Agent Plus consists of the following programs:

- **EZ Admin:** With the EZ Admin program, you can make modifications to the Windows NT, Windows 95, and Windows 98 interface, thereby restricting access to certain features. The program is designed to reduce the administrative overhead associated with end-user induced problems. By hiding or disabling operating system features or limiting end-user access to specific programs, the administrator can prevent an end user from:
  - Incorrectly modifying selected Control Panel features and the Registry
  - Using software other than that defined by the administrator

You can change the default settings of EZ Admin prior to installation by modifying the SETUP95.INI file (for Windows 95 and Windows 98) or the SETUPNT.INI file (for Windows NT). For more information, see Chapter 3, "Changing the EZ Admin Default Installation Settings" on page 7. After the EZ Admin program has been installed, you can change the settings through the UMA interface.

**Note:** If you use the EZ Admin program to limit access to applications, it is possible to leave the computer in a state where it is configured incorrectly and the user cannot access the EZ Admin program to correct the problem. For example, if someone checks the "Only run specified Windows applications" check box, but does not list any applications in the "Application name" field, the user will not have access to any application programs, including the EZ Admin program. If this condition occurs, you can fix the problem by having someone with UMA Administrator privileges access UMA from a remote location and use EZ Admin to correct the problem.

- **System Updates:** The System Updates program automatically gathers the model and serial number for the selected computer and uses the information to obtain the latest device drivers, files, and information about your computer from the IBM Web site. You can also connect to the IBM technical support Web site through a separate Internet window and create a profile for you and your IBM Personal Computer models. IBM uses the profile to build a customized Web site that provides information specifically for the models you include in the profile. When you submit the profile, you are assigned a user ID and password that you can use to log on to the customized Web site.

**Note:** You must have Internet access to use the System Updates features.

- **PC Doctor:** You can use the PC Doctor diagnostics program to run diagnostic tests against major computer components. You can run these tests locally from the computer that has the UMA program installed or remotely through the Internet or your intranet by accessing the computer that has the UMA program installed.

- **SMART Reaction:** SMART Reaction is a full-function, file backup and mirroring program for Windows NT Server, Windows NT Workstation, Windows 95, and Windows 98 environments. You can use SMART Reaction in several ways:
  - To perform an automated backup or mirror operation in response to a SMART Alert (also known as a PFA Alert) by assigning SMART Reaction to the Events, Alarms, & Responses (EAR) SMART Alert system event. (See the EAR help system for details about assigning responses to emails and alarms).
  - To perform a routine scheduled backup or mirror operation by creating and scheduling a backup event as a user alarm through EAR.
  - To perform automated, continuous mirroring.
  - To perform a manual backup or mirror operation initiated by the user.

**Note:** You must have SMART Reaction Manager installed on your network before you can use SMART Reaction Client. During the installation of the SMART Reaction Client program in UMA Plus, you will be prompted for the name of the computer that has SMART Reaction Manager installed. For more information about SMART Reaction Manager, go to the IBM SMART Reaction Web site:

<http://www.ibm.com/pc/us/desktop/sr>

- **CoSession Remote:** You can use CoSession Remote to access and take remote control of a second computer, using the UMA Internet/Intranet connection established through either a modem or network. Using CoSession's remote control capabilities, a network administrator can do the following:
  - Run diagnostics.
  - Reconfigure the system.
  - Download and apply software upgrades to quickly diagnose and repair a UMA client PC.

You can perform these features on any UMA client PC that has the UMA Plus plug-in installed. Any authorized user can gain access from any remotely connected PC.

The Universal Management Agent Plus programs are installed within the UMA program interface. After installation they are located under the following existing UMA components.

*Figure 1. Program Directory for Universal Management Agent Plus Components*

Program Name	Location
EZ Admin	Advanced Management Tools
System Updates	Advanced Management Tools
PC Doctor	Configuration and Diagnostics
SMART Reaction	System Monitors→ Events, Alarms, & Responses→ Backup
CoSession Remote	Advanced Management Tools

## Silent Installation Option

The silent installation option allows a user to install UMA Plus without being present to enter information during the installation. By modifying the SETUP.ISS file for SMART Reaction in UMA Plus to include the SMART Reaction Manager's name, you can run the entire installation by typing the path to the SETUP.EXE file, and adding [space]-s to the path (for example, C:\TEMP\UMAPLUS\SETUP.EXE -s) For information on how to modify the SMART Reaction SETUP.ISS file, see Chapter 4, "Changing the SMART Reaction Setup File for Silent Installation" on page 10



**Note:** You cannot perform an unattended installation from a CD. You must copy all UMA files from the CD onto the hard disk of the local computer or onto a shared drive on the network.

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## Chapter 2. Installing Universal Management Agent Plus

**Before you begin:** Ensure that the UMA program has been installed and is functioning correctly. If you need to install the UMA program, or get help to make it work correctly, go to the UMA Web site at:

<http://www.ibm.com/pc/us/desktop/uma>

**Note:** When the UMA Plus installation starts to install the SMART Reaction Client Program, you will be prompted to type the SMART Reaction Manager's name. Contact your network administrator for the name of the computer on which SMART Reaction Manager resides. If you do not intend to use SMART Reaction Client, enter any value for the SMART Reaction Manager name to continue with the installation. The UMA Plus installation will not continue unless some value has been entered for the SMART Reaction Manager name.

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### Installing the UMA Plus Program from the World Wide Web

To install UMA Plus from the World Wide Web:

1. Download the Universal Management Agent Plus self-extracting file, UMAPLUSINST.EXE, from the following World Wide Web address and place it in its own folder:  
<http://www.ibm.com/pc/us/desktop/uma>
2. Run the self-extracting file, UMAPLUSINST.EXE, to unpack the files. When prompted, enter the path to the folder where you want the installation files to be copied. This step creates the installation files, including SETUP.EXE, which you will use in a later step.
3. If you want to modify the default EZ Admin settings, modify the SETUP95.INI file (for Windows 95) or the SETUPNT.INI file (for Windows NT) as described in Chapter 3, "Changing the EZ Admin Default Installation Settings" on page 7.
4. If you want to perform a silent installation, modify the SETUP.ISS file for SMART Reaction to include the SMART Reaction Manager's name. See Chapter 4, "Changing the SMART Reaction Setup File for Silent Installation" on page 10 for details.
5. Close all open windows and programs.
6. From the Windows Desktop, click on **Start**, and then click on **Run**.
7. Type the path to the SETUP.EXE file you unpacked earlier (for example, C:\TEMP\UMAPLUS\SETUP.EXE), and then click on **OK**. If you want to perform the installation using the silent installation method, type [space]-S after typing SETUP.EXE (for example, C:\TEMP\UMAPLUS\SETUP.EXE -S). For more information about silent installation, see "Silent Installation Option" on page 2.
8. The installation wizard is displayed. Follow the instructions on the screen to select a folder where the Universal Management Agent Plus program will be installed.
9. When the installation is complete, shut down and restart the operating system. The Universal Management Agent Plus programs are ready to run.

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### Installing the UMA Plus Program from CD-ROM

To install the IBM Universal Management Agent Plus Program from the *Software Selections* CD:

1. Insert the *Software Selections* CD into the CD-ROM drive.
2. From the Windows desktop, click on the **Start** button.
3. Click on **Run**.

4. Type `d:\SOFTSEL` (where *d* is the letter assigned to your CD-ROM drive.) Then click on **OK**. The title screen appears.
5. Click on **Install Software**. The install window appears.
6. Scroll down the install window until Universal Management Agent Plus appears, then click on the check box next to it.
7. Click on the **Install** button at the bottom-right of the screen. The Software Selections Install Progress window appears.
8. Check to make sure that Universal Management Agent Plus is the only program to be installed, then click on **Install**. The program installation screen appears.
9. Follow the instructions on the screen. When the installation is complete, shut down and restart the operating system. The UMA Plus program is ready to run.

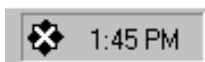
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## Installing the UMA Plus Program from the Hard Disk

To install the IBM Universal Management Agent Plus Program from your computer's hard drive, use the preinstalled utility program:

1. If you want to modify the default EZ Admin settings, modify the SETUP95.INI file (for Windows 95) or the SETUPNT.INI file (for Windows NT) as described in Chapter 3, "Changing the EZ Admin Default Installation Settings" on page 7.
2. If you want to perform a silent installation, modify the SETUP.ISS file for SMART Reaction to include the SMART Reaction Manager's name. See Chapter 4, "Changing the SMART Reaction Setup File for Silent Installation" on page 10 for details.
3. Double-click on the **Start IBM Welcome** icon.
4. In the IBM Welcome Center window, click on **Customize your system software** in the left frame.
5. In the screen that appears to the right, scroll down the window to the bottom. Then, click on **Run the Software Selection program from the hard drive**.
6. Click on **Install Software**. The install window appears.
7. Scroll down the install window until Universal Management Agent Plus appears, then click on the check box next to it.
8. Click on the **Install** button at the bottom-right of the screen. The Software Selections Install Progress window appears.
9. Check to make sure that Universal Management Agent Plus is the only program to be installed, then click on **Install**. The program installation screen appears.
10. Follow the instructions on the screen. When the installation is complete, shut down and restart the operating system. The UMA Plus program is ready to run.

**Note:** After installing Universal Management Agent Plus, the SMART Reaction program starts automatically each time you start your computer, if a valid SMART Reaction Manager name was provided during installation. On computers running Windows NT, the SMART Reaction program starts in the minimized mode, placing the following icon in the System Tray, as documented in the help system.



However, on computers running Windows 95 or Windows 98, the SMART Reaction Control and Status window appears. **Do not close the Control and Status window; minimize it.** Closing the Control and Status Window disables the SMART Reaction program. Also, do not make any SMART Reaction configuration changes through the Control and Status window; use the SMART Reaction interface accessible through the Universal Management Agent.

To minimize the Control and Status window, click on the minimize button in the title bar. When SMART Reaction Client is minimized, the icon remains in the System Tray to show that it is active.

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## Chapter 3. Changing the EZ Admin Default Installation Settings

The network administrator can change the default settings of the EZ Admin program by editing the SETUP95.INI file (for Windows 95 and Windows 98) or the SETUPNT.INI file (for Windows NT) before installing Universal Management Agent Plus for IBM PCs. You need to distribute the modified .INI file to the UMA Client computers for the changes to be implemented.

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### Sample SETUP95.INI and SETUPNT.INI Files

The following figure shows sample SETUP95.INI and SETUPNT.INI files for the EZ Admin program. The samples show the default settings.

Figure 2. SETUP95.INI & SETUPNT.INI files

---

SETUP95.INI	SETUPNT.INI
[EZ Admin Explorer]	[EZ Admin Explorer]
NoRun=0	NoRun=0
NoSetTaskbar=0	NoSetTaskbar=0
NoNetHood=0	NoNetHood=0
NoSaveSettings=0	NoSaveSettings=0
RestrictRun=0	RestrictRun=0
[EZ Admin Network]	[EZ Admin Network]
NoNetSetup=0	NoEntireNetwork=0
NoNetSetupIDPage=0	[EZ Admin System]
NoNetSetupSecurityPage=0	NoDispSettingsPage=0
NoEntireNetwork=0	DisableRegistryTools=0
[EZ Admin System]	[EZ Admin RestrictRun]
NoDispSettingsPage=0	1="Rstrserv.exe" ;IMPORTANT:Do not delete this entry. The application listed here ;has to be included for EZAdmin to work properly in Windows NT
NoSecCPL=0	
NoPwdPage=0	
NoAdminPage=0	
NoProfilePage=0	
NoDevMgrPage=0	
NoConfigPage=0	
NoFileSysPage=0	
NoVirtMemPage=0	
DisableRegistryTools=0	
[EZ Admin RestrictRun]	
1=""	
[EZ Admin WinOldApp]	
Disabled=0	

---

### SETUP95.INI and SETUPNT.INI Values

The following table provides a description of each acceptable value for the parameters in the SETUP95.INI file for Windows 95 and Windows 98, and in the SETUPNT.INI file for Windows NT.

Figure 3 (Page 1 of 3). EZ Admin Values for SETUP95.INI for SETUPNT.INI

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Section	Parameter	Value
EZ Admin Explorer	NoRun	1: Disables the Run command from the Start Menu. 0: Enables the Run command from the Start Menu

Figure 3 (Page 2 of 3). EZ Admin Values for SETUP95.INI for SETUPNT.INI

Section	Parameter	Value
	NoSetTaskbar	1: Disables the Start Menu→Settings→Taskbar selection. 0: Enables the Start Menu→Settings→Taskbar selection.
	NoNetHood	1: Hides Network Neighborhood. 0: Makes Network Neighborhood accessible.
	NoSaveSettings	This setting overrides the Windows 95 and Windows NT default of saving changes to system-level programs (such as Control Panel or Explorer) when the end user logs off or shuts down the operating system. 1: Disables the "Save Settings on Exit" option. This results in the same set of settings each time the user logs on. 0: Enables the "Save Settings on Exit" option.
	RestrictRun	This setting works in conjunction with the EZ Admin RestrictRun section of the .INI file. <b>Do not set this value to 1 unless you add applications to the list in the EZ Admin RestrictRun section.</b> 1: Limits end user access to only those programs listed in the EZ Admin RestrictRun section of this .INI file. 0: Gives the end user access to all installed programs.
EZ AdminNetwork	NoNetSetup (Windows 95 and Windows 98 only)	1: Disables access to the Network control panel. 0: Enables access to the Network control panel.
	NoNetSetupIDPage (Windows 95 and Windows 98 only)	1: Hides the Identification page of the Network control panel. 0: Makes the Identification page accessible in the Network control panel.
	NoNetSetupSecurityPage (Windows 95 and Windows 98 only)	1: Hides the Security page of the Network control panel. 0: Makes the Security page accessible in the Network control panel.
	NoEntireNetwork	1: Hides the Entire Network icon in the Network Neighborhood. 0: Makes the Entire Network icon accessible in the Network Neighborhood.
EZ Admin System	NoDispSettingsPage	1: Hides the Settings page of the Display control panel. 0: Makes the Settings page accessible in the Display control panel.
	NoSecCPL (Windows 95 and Windows 98 only)	1: Disables the Passwords control panel. 0: Enables the Passwords control panel.
	NoPwdPage (Windows 95 and Windows 98 only)	1: Hides the Change Password page of the Password control panel. 0: Makes the Change Password page accessible in the Password control panel.
	NoAdminPage (Windows 95 and Windows 98 only)	1: Hides the Remote Administration page of the Password control panel. 0: Makes the Remote Administration page accessible in the Password control panel.
	NoProfilePage (Windows 95 and Windows 98 only)	1: Hides the User Profiles page of the Password control panel. 0: Makes the User Profiles page accessible in the Password control panel.
	NoDevMgrPage (Windows 95 and Windows 98 only)	1: Hides the Device Manager page of the System control panel. 0: Makes the Device Manager page accessible in the System control panel.

Figure 3 (Page 3 of 3). EZ Admin Values for SETUP95.INI for SETUPNT.INI

Section	Parameter	Value
	NoConfigPage (Windows 95 and Windows 98 only)	1: Hides the Hardware Profiles page of the System control panel. 0: Makes the Hardware Profiles page accessible in the System control panel.
	NoFileSysPage (Windows 95 and Windows 98 only)	1: Hides the File System button on the Performance page of the System control panel. 0: Makes the File System button visible on the Performance page of the System control panel.
	NoVirtMemPage (Windows 95 and Windows 98 only)	1: Hides the Virtual Memory button on the Performance page of the System control panel. 0: Makes the Virtual Memory button visible on the Performance page in the System control panel.
	DisableRegistryTools	1: Disables all forms of access to the REGEDIT.EXE and REGEDT32.EXE programs, including access from a command prompt, the Run option in the Start menu, an icon, Explorer, and File Manager. 0: Enables access to the REGEDIT.EXE and REGEDT32.EXE programs.
EZ Admin RestrictRun		<p>For Windows 98:</p> <p>This section defines a limited set of applications that an end user can access. File-name entries in this section are valid only if the value in the RestrictRun entry of EZ Admin Explorer section is set to 1. The file-name entries in this section define the specific programs that an end user is able to access. File-name entries in this section are numeric values followed by an equal sign and the complete program name (file name and extension) within quotation marks. The numeric values must be in ascending order. Examples:</p> <p>For Windows 95 and Windows 98:</p> <p>1="File_Name.Extension" 2="File_Name.Extension" x="File_name.Extension"</p> <p>If the value in the RestrictRun entry of EZ Admin Explorer section is set to 0, set the entry in this section to 1="".</p> <p>For Windows NT:</p> <p>1="Rstrserv.exe" 2="File_Name.Extension" 3="File_Name.Extension" x="File_name.Extension"</p> <p>For Windows NT: Do not delete the first entry (1="Rstrserv.exe"). This application must be included for EZ Admin to work properly in Windows NT.</p>
EZ Admin WinOldApp (Windows 95 and Windows 98 only)		<p>"Disabled=1": Disables the command prompt.</p> <p>Blank (no entry): Enables the command prompt.</p>

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## Chapter 4. Changing the SMART Reaction Setup File for Silent Installation

In order to perform a silent installation, you must modify the SETUP.ISS file found in the folder where the self-extracting file UMAPLUSINST.EXE was unpacked.

**Note:** Make sure you modify the SETUP.ISS file that looks like the example below. Do not use the SETUP.ISS file that is in the CoSession folder within the UMA Plus folder. That file is for installing CoSession Remote for UMA and should not be modified.

*Figure 4. SETUP.ISS file for SMART Reaction*

```
[InstallShield Silent]
Version=v3.00.000
File=Response File

[Application]
Name=IBM Universal Management Agent Plus
Version=1.0
Company=IBM

[DlgOrder]
Dlg0=Welcome-0
Count=3
Dlg1=MessageBox-0
Dlg2=SdFinishReboot-0

[Welcome-0]
Result=1

[MessageBox-0]
Result=1

[SdFinishReboot-0]
Result=1
BootOption=1

[SMART Reaction]
Manager=
```

To modify the SETUP.ISS file:

1. Type the SMART Reaction Manager name after the equal sign in the last line of the file, (Manager= ). For example, if the SMART Reaction Manager's computer is named DOVETAIL, the SETUP.ISS file should read

```
Manager=DOVETAIL
```

To find out the name of the SMART Reaction Manager, contact your network administrator.

2. Save the file in its original location, and proceed with Chapter 2, "Installing Universal Management Agent Plus" on page 4.



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This appendix contains legal notices and trademark acknowledgements.

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