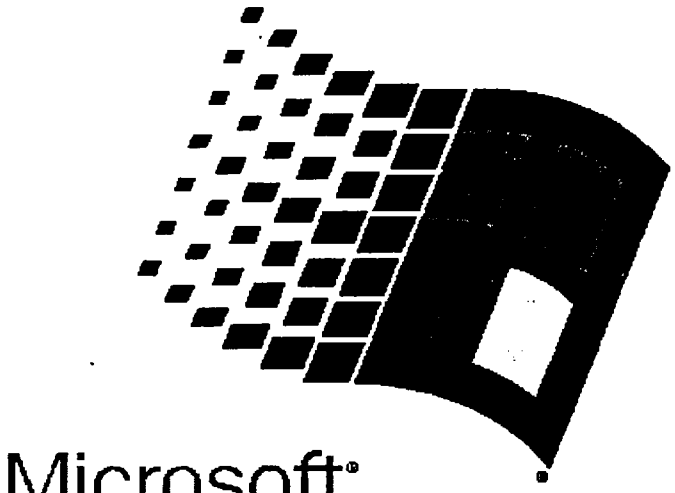
Microsoft



Microsoft Windows 95

OEM Preinstallation Kit (OPK)

OEM Service Release 2

User's Guide

August 1996

Microsoft Confidential

GOVERNMENT EXHIBIT
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CHAPTER 1

OPK Requirements and Restrictions

This chapter contains information about the requirements and restrictions that your OEM license agreement stipulates. This release of the OEM Preinstallation Toolkit includes the OEM Preinstallation wizard, which you can use to configure your new computers. The wizard is designed to help you comply with the terms of your license agreement. In the tables in this chapter you will see the following abbreviations.

This character in the left column	Specifies this
W	Requirements and restrictions with which the wizard helps you comply
P	Requirements and restrictions with which the product helps you comply
I	Requirements and restrictions with which the Installer of the product at the OEM facility helps you comply

Note
Microsoft reserves the right to change the requirements and restrictions in this chapter at any time without notice.

List of Requirements

The requirements in the following table are described in greater detail later in this document. To comply with the terms of your OEM license agreement, you *must do* the following:

Wizard, Product, or Installer of the Product at the OEM Facility Helps with Compliance	Requirements
W & I	Include an OEMINFO.INI file in the PC:\WINDOWS\SYSTEM directory.
W & I	Add your company name after the Manufacturer= field in PC:\WINDOWS\SYSTEM\OEMINFO.INI.
W & I	Add your company-specific information in the [Support Information] section in OEMINFO.INI. You may want to include your Internet addresses also. (See page 94.) **Note:** Do not list Microsoft or a Microsoft phone number for support information, either electronically on the preinstalled computer or in printed materials distributed with computer, unless explicitly permitted to do so by Microsoft.
W & I	You must always display the Microsoft preloaded favorites in the Favorites page of the Internet Explorer. These are loaded by default during the preinstallation process. If you choose to preload any URLs or Internet Explorer folders, you are not allowed to place these at a level higher than the **XXX Recommended Sites** folder (where XXX is your manufacturer name). XXX Recommended Sites is a folder automatically created for you by the OEM preinstallation wizard.
P & I	You must always display the online Microsoft Certificate of Authenticity, Microsoft End User License Agreement, and the Username/Company screens during user setup of Windows 95.
I	If you preinstall applications on the Windows 95 preinstalled PC, you must remove all left-over executables left by that program that will automatically start a process on a subsequent user boot, unless the executable is necessary to support a hardware device found on that PC.
P & I	On Windows 95 preinstalled PCs, you must display the Windows 95 desktop interface to the customer. For a for a picture of the Windows desktop, see Appendix A, "Glossary."
I	If you ship your target PCs with a Microsoft Windows 95 system CD or Microsoft Windows 95 setup disks, you must remove SETUP.EXE, DOSSETUP.BIN, and WINSETUP.BIN from the target PC's hard disk before shipping the PC to the end user. The Microsoft Create System Disk utility (MSCSD.EXE) *can* be shipped with systems that include a Microsoft Windows 95 system CD or setup disks *if* these three files are not included and the MSCSD00.INI file is not shipped on the system.

I	If you ship a CD-ROM drive with a Windows 95 computer and you plan to provide a Windows 95 CD boot disk as backup media, you must provide real-mode CD drivers on the Windows 95 CD boot floppy and modify DRVCOPY.INF to include the real mode CD-driver you create with the MKCDBOOT.BAT utility during the preinstall process. This is critical; otherwise, your customers will be unable to reinstall Windows 95 from their CD if their hard disk crashes because they will not be able to access their CD-ROM drive without these drivers.

List of Restrictions

To comply with the terms of your OEM license agreement, you must conform to the following restrictions:

Wizard, Product, or Installer of the Product at the OEM Facility Helps with Compliance	Restrictions
I	Do not modify in any way, or delete any aspect of the Product software (including, without limitation, any features, shortcuts, icons, "wizards", folders (including sub-folders) or programs of Product software) acquired through the Delivery Service Partner Program, except if and as specifically permitted below.
I	Do not modify or obscure, in any way, the sequence or appearance of any screens displayed by the Product software as delivered by Microsoft from the time the target computer completes BIOS processing after being switched on by the end user and transfers control to the Product software loaded from the hard disk ("End User Boot") until the time that the "Welcome to Windows 95" program has been run and closed by the end user and the computer displays the Product software "desktop" screen.
I	Except as provided below, do not display any content (including visual displays or sound) from End User Boot through and including the time that the target computer has displayed the Desktop Screen.
I	Do not modify or obscure, in any way, the appearance of the Desktop Screen (including without limitation, the addition or modification of background wallpaper bitmaps displayed upon End User Boot). You may, however, add icons or folders to the Desktop Screen provided that any such icons are the same size and substantially similar shape as icons included on the Desktop Screen as delivered by Microsoft and that any such folders are the same size, shape and appearance as folders included on the Desktop Screen as delivered by Microsoft.
I	Do not use any portion of Product software to enable any programs or other content to run or appear prior to End User Boot.

I	Do not configure any programs (including without limitation any "shells", "screen savers" or "welcome" scripts), "wizards" or other content to be enabled, run or initialized automatically (i.e. without requiring a deliberate act of the end user) from an icon or folder on the Desktop Screen or from the "Start" Menu of the Desktop Screen or otherwise. By way of example only, do not populate with any programs or other content the Product software "Start-up" directory (i.e., "Windows\Start Menu\Programs\StartUp" folder for Windows 95, or "%windir%\profiles\<user(s)>\Start Menu\Programs\Startup" folder for Windows NT Workstation) or (2) populate the boot.ini, config.sys, autoexec.bat, win.ini, system.ini, system.dat or user.dat files in any manner which will cause any program or content to run or load automatically upon End User Boot, except for device drivers necessary to support preinstalled or preconfigured hardware devices (e.g., network cards, printers, etc.).
I	Do not modify or add content to any directories installed by the Product software, except as permitted in the OPK for preinstallation of applications by COMPANY.
I	Do not preinstall Windows 95 using any other method except the OEM Preinstallation Kit (OPK).
W & I	Do not remove, replace, or modify the Startup Screen Logo except using either the OEM Preinstallation wizard or the OEMSTAMP tools provided with this kit. Do not make any other changes to the Startup Screen Logo. See Appendix A, "Glossary," for a picture of this screen.
I	Do not remove, replace, or modify any other Product Logos or Trademarks (as noted in your OEM License Agreement) included in the Windows 95 product.
W & I	For every preinstalled Windows 95 system that you ship, you are required to ship backup media. The associated restrictions are as follows: • Floppies and CDs that are shipped as Windows 95 backup media must be purchased from an authorized replicator. • If you ship a CD as Windows 95 backup media, you cannot also ship floppies as Windows 95 backup media or a companion CD of Windows backup media, nor can you use MSCSD or a different tool to allow the users to create a set of floppies as Windows 95 backup media. • If you ship floppies as Windows 95 backup media, you cannot also ship a CD as Windows 95 backup media or a companion CD of Windows backup media, nor can you use MSCSD or a different tool to allow the users to create a set of floppies as Windows 95 backup media. • If you allow the users to create a set of floppies as Windows 95 backup media by using MSCSD or a different tool, you cannot also ship a CD as Windows 95 backup media, floppies as Windows 95 backup media , or a companion CD of Windows backup media. • If you ship a backup CD of a preinstalled hard disk, you must ship a companion CD of Windows 95 backup media. The companion CD is disabled—it cannot boot or install Windows 95. It is used to add files only (such as additional drivers or other components). • If you choose to have the end users create their own set of backup floppy disks using a tool other than MSCSD, you cannot have MSCSD create a full Windows 95 disk set.

I & W	Do not replace, remove, or supersede the Microsoft Welcome to Windows 95 dialog box (WELCOME.EXE). See Appendix A, "Glossary," for a picture of this dialog box. This application includes What's New, Online registration, Tip of the Day, and The Tour. The Welcome to Windows 95 dialog must appear on the desktop automatically for the first user session. You are allowed to add tips to "Tip of Day", but not to remove any of the existing Microsoft provided tips.
W & I	Do not replace the mouse tutorial or the line that calls it in OPKINPUT.INF.
I	Do not modify the default Start page or Search page for the Internet Explorer.
I	Do not modify the online Microsoft End User License Agreement without express written permission from Microsoft. You are allowed to replace the term "PC Manufacturer" with your company name or modify the agreement to comply with local law concerns without written permission from Microsoft.
I	Do not append any text to the Microsoft End User License Agreement without express written permission from Microsoft.
P & I	Do not ship the tools included in the OPK on a non-Microsoft operating system.
I	Do not redistribute any documentation files included with the OPK without express written permission from Microsoft.
I	Do not modify the Microsoft supplied INF files in the PC:\WINDOWS\INF directory. You can modify these files if you need to change a text string or add new device information, but you must not comment out or remove sections of the INF files in the PC:\WINDOWS\INF directory. If you do, the end user will not be able to properly detect new devices they add to their computer. If you want to use a separate set of INF files for detection during setup, see the documentation on HWDETECT.EXE and the DetectionINFs setting. You can modify .INF files; however, if you do, you risk having problems with future product releases. When each new product release is installed, the existing .INF files are replaced automatically. There is no version checking in Plug and Play (PnP) architecture. For an example of why you might want to modify an .INF file, see page 89.
I & P	Do not ship the tools we have defined as "OEM Factory-only tools" to the end user. These files have been modified to remove their version stamping and several have features that could be damaging to an end-user system if they are not used properly. These tools are distinguished by the letter "O" in front of them, and include OATTRIB.EXE, OFORMAT.COM, OXCOPY.EXE, and OFDISK.EXE.
I & P	Do not ship the tool SETINI.EXE to an end user. This tool is used by the OPK batch files you run in OEM engineering. The tool PARSINI.EXE has all the functionality of SETINI.EXE (and more), and can be shipped to an end user.
I	Do not ship the tool GENINST.EXE to an end user. This tool is used to test INFs independently of setup, and is not an end-user tool. To process an INF, the OEM should use the [INFInstall] section of PISETUP.INF, or the [Install] section of MSBATCH.INF.
I	Do not ship dual-installed systems (defined here as an older version of MS-DOS and Windows *and* Windows 95 on the same computer) without express written permission from Microsoft. This permission takes the form of a separate legal agreement.

I	If you ship to countries where more than one language is spoken, you may want to ship the computer with the capability of letting the user select the language (multilingual install). If this is the case, you must ship a manual containing all of the languages you preinstall (*one* cover, *one* Certificate of Authenticity, and *one* manual with all of the preinstall languages). Consult your authorized replicator for more information on using this method.
I	Do not ship an encrypted version of Windows 95 on the hard disk to an end user without express written permission from Microsoft. End users must be capable of immediately booting into Windows 95 without the use of an encryption key.
I	Do not modify the Windows 95 retail disks or CDs you purchase from authorized replicators unless you receive explicit written permission from Microsoft in the form of a legal contract.
I	Do not use MSCSD.EXE to create a set of Microsoft Windows 95 setup disks for shipment with your computers. MSCSD can be used by the end user to create a full set of Windows 95 disks. MSCSD is an end-user tool for creating these disks. If you want to include Microsoft Windows 95 setup disks with your target PCs, you must purchase them from an authorized replicator. You can, however, use MSCSD with your own MSCSDxx.INI files to create utility disks or driver disks for the end user.
I	If you use MSCSD to create a backup of the CD boot floppy, you must still ship a boot floppy with the computer.
I & W	Do not remove any of the standard Windows 95 preinstalled component software from your Windows 95 preinstalled computer, except as specified below. Windows 95 users expect a consistent behavior from all new computers, including all of the standard utilities and features. Exceptions: You do not need to preinstall the DMI Management Service layer (this component is available only through maintenance mode setup). You can delete WOWKIT.EXE (WOW! From Compuserve) and CS3KIT.EXE (Compuserve) from the Ref:\LANG\ENG\CABS directory to reduce the size of preinstall. Stub executables are installed that look first in the CABS directory and then at the backup media you ship, thus if you remove these files from the hard drive the user will still be able to setup these components. If the hardware is available on the computer you ship, the following software components should be installed: <u>Network card</u> Net Watcher <u>Sound card</u> Audio Compression Sound Recorder Volume Control Sample Sounds Utopia/Musica/Jungle/Robotz sound schemes

	CD-ROM drive CD Player These software components are installed only if the hardware associated with them is present. Specifically, they are controlled by the selections you make on the Configure Legacy Class Detection screen of the OPK Preinstallation wizard. For information about adding these components during an Express install, see page 25. For information about adding these components during a Custom install, see page 39. For a specific list of Windows 95 components, see Appendix E. **Important** Regardless of whether you ship a legacy or a PnP version of any of the devices listed above (network, sound card, and so on), you must turn on detection for at least one device within the class being shipped to ensure that the software components associated with that device are installed also. For example, if you ship an Intel EtherExpress Pro 10 PnP net card, you must turn on detection for any legacy net device (for example, a 3COM EtherLink 16 legacy net card) to ensure that the network components (Desktop Management, System Management Infrastructure, DMI Management Service layer, and Net Watcher) are installed. Detection of a legacy device that does not exist has no impact on the functionality of a PnP device that does exist. The distinction being made here is that the Configure Legacy Class Detection screen of the wizard controls the behavior of two activities: 1. Detection of legacy devices 2. Installation of software components associated with hardware For computers with advanced audio capabilities (for example, sound card), install Sound Recorder, Volume Control, Audio Compression, Sample Sounds, Utopia Sound Scheme, Musica Sound Scheme, Jungle Sound Scheme, and Robotz Sound Scheme.

Backup CD Policy

Microsoft licenses OEM customers with the right to preinstall software on PC hard disks and to acquire software on media as provided by Microsoft-approved deliverables through authorized replicators. No OEM has the right to place Microsoft Intellectual Property on any form of media without the express written consent of the Microsoft Corporation.

In the case of the Windows 95 OPK, OEMs are allowed to put Windows 95 on a hard disk using the methods described in this kit. They are allowed also to create a CD boot disk for the Windows 95 CD using the **MKCDBOOT** utility.

Creation of CD Backup Images for Microsoft Software Products Preinstalled on a Hard Disk

Microsoft will consider OEM requests to create backup images on CD for Microsoft applications products preinstalled on a hard disk. Only authorized replicators are allowed to reproduce the backup CDs. The backup CD must be clearly labeled with the OEM's name, indicating that it is supported only by the OEM, not for resale, and provided for backup purposes only. If the OEM ships a backup CD of a preinstalled hard disk, they are required to ship a companion CD of Windows backup media that they purchase from an authorized replicator. The companion CD is disabled- it cannot boot or install Windows 95. It is used to add files only (such as additional drivers or other components).

By default, however, Microsoft does not permit the creation of custom backup images for Windows 95, MS-DOS, or any previous version of Windows.