

**
My legacy hardware is now
as secure as my newest PCs.*



Software Assurance Benefit

Windows Fundamentals for Legacy PCs

** My* Software Assurance
More benefits / Maximum value

Get the most out of your older hardware

Older computers are expensive to maintain and represent an inherent security risk. They often have problems that lead to lost productivity and are a drain on your IT resources. While it is more cost-effective in the long run to replace legacy PCs, buying new hardware for a department or your entire business is not always a financially viable option.

Microsoft® Windows® Fundamentals for Legacy PCs improves the total cost of ownership by extending the life of older hardware with improvements to security and manageability. It reduces the strain on IT, improves end-user productivity, and closes security gaps.

My strategy: lay a foundation for the future

Windows Fundamentals for Legacy PCs is based on Windows XP Embedded SP2. By implementing Windows Fundamentals for Legacy PCs, you are upgraded to the security and stability of the Windows XP platform, easing the transition to Windows Vista Enterprise when your PCs are eventually refreshed.

Your IT department can also increase desktop manageability by using functionality from the Windows XP platform such as Group Policy Objects and automated deployment of patches.

Additionally, new capabilities of Windows Fundamentals, such as Windows Managed Desktop Service, allows added security such as:

- Automated Login
- Disk Protection
- Desktop Customization

Users can also run Web browsers, terminal emulation software, security software, and other light workloads locally (see "Supported Workloads" below). All other applications will run on a server and will be accessed using the Remote Desktop Client or Citrix's ICA client.

Contents:

01
STRATEGY

02
BENEFITS

05
ACTIVATION
.....
MICROSOFT
PARTNERS
.....
FAQs

My benefits package: secure and manageable

Your goal is to decrease the total cost of ownership of your older PCs. Windows Fundamentals for Legacy PCs makes it possible, with the added security benefits so important today. You'll extend the life of your PCs while making them a highly manageable part of your day-to-day workloads and software upgrade plans. Benefits include:

Reduce the cost of owning legacy PCs

- Repurpose older hardware as terminal services clients
- Move line-of-business and productivity applications to the server
- Run a fully supported Windows operating system
- Install only the components your organization requires minimizing on-disk footprint
- Reduce help desk calls by delivering the same end-user experience to your entire organization

Improve the manageability of legacy PCs

- Use the latest management tools with legacy hardware
- Bring old PCs into your well-managed environment
- Reduce the number of operating systems your organization must support

Improve the security of legacy PCs

- Use the latest security tools with legacy hardware
- Lock down your desktops
- Reduce the attack surface of all of your PCs

Bridge the gap between hardware updates with software

Security Features

NEW Windows Managed Desktop:

- Implemented as a new Windows Service
- Managed using Group Policy Objects
- Protects your shared PCs and network from malicious users with Automatic Logon
 - Is enforced at each boot, reboot, logoff
 - Forces an administrator-defined user profile restricting access to critical system resources including the Control Panel, the Registry Editor, and other system utilities
 - Limits activities of distrusted users
 - Can be overridden by Administrator
- Prevents any changes to core operating system during session with Disk Protection
 - All changes are saved to separate partition on the hard drive
 - All changes are discarded upon reboot and the operating system returns to initial install state
- Allows access only to applications and utilities each user requires with Desktop Customization
 - Has a profile-based start menu customization
 - Is enforced at each logon
 - Has predefined profiles: full, partial, and locked
 - Fully customizable by Administrator
 - All security enhancements from Windows XP Professional Service Pack 2

Manageability Features

Servicing

- Windows XP Professional SP2 updates apply as released by Microsoft, no special packaging required
- All Microsoft update services are available (e.g. Automatic Update, Windows Update, etc.)

Management Tools

- Microsoft Management Console (MMC)
- Windows Management Infrastructure (WMI)
- Active Directory
- Group Policy (GPO)

Deployment Methods

- Remote Installation Service (RIS)
 - Interactive mode
 - Unattended mode (has some limitations)
- Systems Management Server with OS Deployment Pack
- Third party software distribution products

Supported Workloads

- Microsoft Remote Desktop Client, Citrix's ICA Client
- Security software
- Management software (including back-up and recovery)
- Terminal emulation software
- Web browsers
- Media players
- Instant messaging clients
- Document viewers (e.g. Office, Acrobat)
- .NET Framework
- Third-party Java Virtual Machine

Additional Operating System Features

- Windows XP shell and start menu
- Accessibility features
- Local and network printing
- Windows Image Acquisition (WIA)
- Basic Control Panel
- Security Center
- Wireless networking (802.11)
- VPN support
- Multilingual User Interface (MUI)

Supported Hardware

Minimum configuration

- Pentium 133 MHz processor
- 64 MB RAM
- 800x600 capable graphics card
- 10 Mbps network interface card

Typical legacy PC configuration

- Pentium II 233 MHz processor or higher
- 128 MB RAM
- 1024x768 capable graphics card
- 100 Mbps network interface card
- AC'97 compatible sound card



My participation: activate in a few easy steps

Every desktop with Software Assurance coverage of the Windows desktop operating system has rights to install and run Windows Fundamentals for Legacy PCs. Simply download Windows Fundamentals for Legacy PCs from the Download section of the Microsoft Volume Licensing System (MVLS) site.

Available in 2006

Windows Fundamentals for Legacy PCs is targeted to release to customers by Q3 (July—September) of 2006. Customers may be able to participate in the beta program between now and the release. Please contact your Account Manager or Microsoft partner for more details.

To activate your Windows Fundamentals for Legacy PCs benefit:

1. Visit Microsoft Volume Licensing Services at <https://licensing.microsoft.com>
2. Go to the **Products Download** page
3. Search and select the **SA Windows Fundamentals for Legacy PCs** benefit
4. Download Windows Fundamentals for Legacy PCs

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Frequently asked questions:

Q: I have been running Office 97 on my legacy PCs. Will it run on WinFLP?

A: No productivity applications are allowed to run on WinFLP. By moving Office to your server, you will be able to upgrade your legacy PC users to Office 2003 and allow them to connect via remote desktop technology.

Q: I have a line-of-business application that was designed for Windows 98, that I still need to run locally. Is this allowed?

A: No. WinFLP is not a full-fledged, general purpose operating system like Windows XP or Windows 98. WinFLP is designed to run a few, specific applications really well—and no more.

Q: How do I get support for WinFLP?

A: WinFLP is a fully supported operating system, so support is provided through the normal Microsoft support channels.



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