

### Overview

Insight Manager 7, the core of the ProLiant Essentials Foundation Pack, maximizes system uptime, reduces total cost of ownership, and provides powerful monitoring and control of your HP ProLiant Servers. ProLiant Essentials products such as the HP Insight Management Agents, Remote Insight Lights-Out Edition, integrated Lights-Out, and ProLiant Performance Analyzer all plug in to Insight Manager 7, providing a consistent user experience that reduces training costs and enabling IT staff to accomplish multiple management tasks quickly and efficiently.

HP understands that server downtime equates to lost revenue and lost workforce productivity. With Insight Manager 7, we help you isolate and resolve potential problems before they result in downtime. Insight Manager 7 will e-mail or page your staff when it detects problems, and color-coded status icons point the way to systems that require attentions. With the new Performance Management Pack, HP also helps identify and resolve performance bottlenecks ensuring that IT assets are providing the best possible end-user experience to customers and employees alike.

HP also recognizes that the cost associated with maintaining an IT infrastructure does not stop with the purchase of server hardware and applications. Insight Manager 7 Version Control and inventory reporting allow system administrators to update server BIOS, drivers, and agents as well as create detailed inventory reports from without leaving their desk. And customers with access to the Remote Insight Lights-Out Edition or integrated Lights-Out are just one-click away from full remote control of their ProLiant servers whether they are across the hall or across the globe.

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### Models

Insight Manager 7 Service Pack 2 is currently available on the HP website and as a part of the ProLiant Essentials Foundation Pack. In summer of 2003, Insight Manager 7 SP2 will ship with enhanced Version Control capabilities enabled by version 2.0 of the Version Control Repository Manager and Version Control Agent. New capabilities include the ability to automatically retrieve software updates from the HP website, automatically read software components from the SmartStart CD, and pre-configure ProLiant Support Packs for distribution. The ProLiant Essentials Foundation Pack ships with all ProLiant servers. For additional information on Insight Manager 7, visit <http://www.hp.com/servers/manage>.

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### What's New

Insight Manager 7 SP2 now ships with version 2.0 of the Version Control Repository Manager and Version Control Agent. These new version control components offer the following enhancements:

- Simplified population of the Version Control Repository with ProLiant software and firmware updates.
- The Version Control Repository Manager automatically detects servers in your environment and downloads appropriate system software updates automatically from the HP website. Administrators may then choose which updates to deploy to their servers.
- The Version Control Repository Manager delivers a wizard-based upload of ProLiant Support Packs from the SmartStart CD, removing the need to search through complex directory structures to find the software you need.
- Log management capabilities ensure that deployment and configuration logs are maintained at a manageable size.
- Simple pre-configuration of software components.
- Software components settings can be configured through the Version Control Repository Manager prior to deployment, ensuring consistent software configurations across all managed servers.
- Integrated support for pre-configuration eliminates the need to use separate tools for configuration and deployment of ProLiant software components.
- Improved 'look and feel' for the Version Control Repository Manager 2.0 and Version Control Agent 2.0.
- Wizards for: component configuration, software download settings, system software baseline configuration.
- Enhanced UI based on ProLiant Essentials user interface guidelines delivers a consistent user experience across all management software.
- Newly available Version Control Agent for Linux extends Insight Manager 7's version control capabilities to ProLiant servers running Linux.

### Overview

#### Key Differentiators

- Provides one-click access to comprehensive server health, configuration, and server inventory information displayed through the System Management Homepage.
- Version Control allows systems administrators to easily identify and update servers running out-of-date BIOS, drivers, and agents.
- Ships with new performance management and bottleneck analysis capabilities provided through the ProLiant Essentials Performance Management Pack.  
**NOTE:** The ProLiant Essentials Performance Management Pack is built on the Performance Management Pack software.
- Favorites (Hierarchical Views) allow systems administrators to easily monitor groups of servers by geography, business unit, or server role.
- Facilitates version control and remote update of bios, drivers, and management agents across groups of ProLiant servers.
- Leverages Windows® NT®/2000 security infrastructure for user administration and authentication as well as industry standard SSL for data privacy.
- Blade server visual locator provides visual representation of ProLiant BL e-Class Servers and server enclosures.
- Reporting engine makes comprehensive inventory reports available in seconds. Reports may be exported to CSV for easy viewing in off-the-shelf reporting packages or Microsoft® Office applications.
- Discovery filters provide granular control over the discovery process, allowing systems administrators to prevent Insight Manager 7 from discovering unwanted device types.
- Dell/IBM server management refresh: Provides enhanced management of Dell and IBM systems by through simple registration of SNMP MIBs (MIBs available on Management CD) and intelligent discovery and launch of Dell Server Administrator and the IBM Director agents.
- Provides enhanced management of HP Netervers, including the ability to create detailed inventory reports as well as launch Instant Tootools and the Tootools Remote Control Card.

#### Features

- Browser-based access to management functionality.
- Comprehensive fault management of ProLiant Servers and Evo or Deskpro desktops, portables, and workstations.
- Pre-failure alerts for CPU, memory, and disk. Items under warranty will qualify for replacement, even if they have not failed.
- Notification of important alerts via e-mail or pager.
- Version control and remote update of bios, drivers, and agents across groups of ProLiant Servers.
- Blade Server Visual Locator simplifies management of ultra-dense blade server environments.
- Comprehensive inventory reports deliver instant access to inventory data captured in the Insight Manager 7 database.
- Discovery filters provide granular control over the types of devices discovered by Insight Manager 7.
- Integration with Windows NT and Windows 2000 security infrastructure for simplified user management and strong authentication.
- SSL encryption of management data for enhanced data privacy.
- Easy installation on an Evo or Deskpro desktop or ProLiant server.
- Integrated, proactive software download from hp.com removes the need to search for and manually download software updates.
- Automated uploading of ProLiant Support Packs from the SmartStart CD or other media simplifies copying ProLiant software into the repository.
- Integrated pre-configuration support for software components simplifies pre-installation setup.
- Customer-defined policies for managing software distribution logs.
- Interactive version control menus guide customers through activities such as the creation of custom software baselines and software pre-configuration.
- Version Control Agent for Linux extends Insight Manager 7's version control capabilities to ProLiant servers running Linux.

#### Benefits

- Reduce the risk of costly downtime and diminished worker productivity with pre-failure alerting. Catch potential problems before they result in an unplanned system outage.
- Increase system stability and reduce troubleshooting complexity with version control and system software update capabilities.
- Remote update capabilities also reduce labor and travel cost.
- Remove the headache of annual inventory reconciliation with new inventory reporting.
- Use the Performance Management Pack to ensure IT assets are delivering the best possible user experience by quickly identifying and resolving potential performance bottlenecks.
- Protect investment in HP Netserver hardware through Insight Manager 7 Netserver management enhancements.
- Manage Dell and IBM servers through the Insight Manager 7 console. No need to learn multiple management tools.
- Increase mobility by accessing the management server from any system running Microsoft Internet Explorer, and by configuring e-mail and pager notification for alerts.
- Realize day one return on investment with tools that are easy to set up and use

### Technical Specifications

#### Minimum Hardware and Software Requirements for Insight Manager 7

Hardware and Software	Minimum Requirements
<b>Hardware</b>	ProLiant Servers, Evo or Deskpro Desktops or Professional Workstations with 400 MHz Pentium II Processor or greater
<b>System Memory</b>	Base Operating System recommended configuration with additional 128 MB of RAM with Microsoft SQL Server or MSDE on same server Base Operating System recommended configuration with additional 64 MB of RAM with Microsoft SQL Server or MSDE running on a remote system
<b>Disk Space</b>	100 MB on the Microsoft Windows system drive 110 MB for Insight Manager 7 software 300 MB for the database and database log 15 MB for the Version Control Repository Manager (does not include disk space required to store software components in the repository)
<b>Server Operating System</b>	Microsoft Windows NT Server 4.0 Retail with Service Pack 6a or greater Microsoft Windows NT Server 4.0 Enterprise with Service Pack 6a or greater Microsoft Windows NT Server 4.0 International, with Service Pack 6a or greater Microsoft Windows 2000 Server with Service Pack 2 or greater Microsoft Windows 2000 Advanced Server with Service Pack 2 or greater Microsoft Windows 2000 Professional with Service Pack 2 or greater Microsoft Windows 2000 International – International English, French, German, Spanish, and Japanese (latest service pack available for each language) Windows XP Professional with Service Pack 1 or greater Windows Server 2003 Standard Edition Windows Server 2003 Enterprise Edition Windows Server 2003 International – International English, French, German, Spanish, and Japanese
<b>Server Software</b>	TCP/IP installed SNMP services installed and active Microsoft Data Engine (MSDE) with Service Pack 2, 3, or later or Microsoft SQL Server 7.0 with Service Pack 2, 3, or later or Microsoft SQL Server 2000 with Service Pack 1, 2, or later

#### Minimum Requirements for Version Control Agents

Hardware and Software	Minimum Requirements
<b>Hardware</b>	ProLiant 300/500/700 Series Servers
<b>System Memory</b>	15 MB for the Version Control Agent
<b>Server Operating System</b>	Windows Server 2003 - Standard Edition, Web Edition, Enterprise Edition, Small Business Server Linux - Red Hat Advanced Server v2.1, Red Hat Professional v8.0, Red Hat Professional v7.3, United Linux v1.0, SuSe v7.0
<b>Server Software</b>	SNMP services installed and active

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