

Overview

Transform your data center into best run server infrastructure with HP Insight Control suite - time-smart management software that delivers deep insight, precise control, and ongoing optimization for your ProLiant infrastructure. With the Insight Control suite, you can expect to realize the following management benefits:

- Enhanced infrastructure stability and reduced incidence of unplanned downtime
- Reduced time and cost associated with infrastructure roll-out, change, and update
- Optimized utilization of data center power and cooling facilities
- Efficient use of scarce IT talent.

Delivered on DVD media, the Insight Control suite uses an integrated installer to deploy and configure HP Systems Insight Manager (HP SIM) and essential infrastructure management software rapidly and consistently, reducing manual installation procedures and speeding time to production. These solutions deliver complete lifecycle management for HP ProLiant and BladeSystem infrastructure. HP Insight Control suite brings a single, consistent management environment for rapid deployment of the operating system and hardware configuration. In addition, Insight Control suite provides health and performance monitoring, power management, vulnerability scanning and patch management, performance analysis, lights-out remote control management, and virtual machine management for the HP ProLiant ML/DL 300-700 series servers and BladeSystem infrastructure.

HP Insight Control suite includes one year of 24 x 7 HP Software Technical Support and Update Service ensuring rapid access to HP support staff and proactive delivery of software updates. For more information about this service, please visit:

<http://www.hp.com/services/insight>.

A license entitlement certificate is delivered in place of a license activation key. The license entitlement certificate is delivered via physical shipment for existing product numbers (with the exception of tracking licenses) and via e-mail for the new electronic license product numbers. The license entitlement certificate contains information needed to redeem license activation key(s) online or via fax. This new electronic redemption process allows for easier license management and better service and support tracking. For more information, please visit: <http://www.hp.com/go/ICe-license>.

What's New

- HP Insight Control suite 3.10 is an updated version to provide support for new HP servers. They include
 - HP ProLiant BL680c G5, BL465c G5, BL 460c G6, BL490c G6, BL 280c G6, BL 495c G5, and BL 685c G6 servers and xw46c Blade Workstation
 - HP ProLiant DL 380G6, DL 370 G6, and DL 360 G6
 - HP ProLiant ML 350 G6 and ML370 G6
- HP Insight Control Environment has been rebranded to HP Insight Control suite. Name changes in documentation, GUI and Insight Software Installer will be in the fall release.
- Updated components include HP System Insight Manager (HP SIM) 5.3.1, HP Insight Rapid Deployment software (RDP) 3.83, HP Insight Virtual Machine Manager software (VMM) 3.6.1, HP Insight Performance Manager module 5.2. The updates are for new platform support and minor bug fixes.
- HP SIM has enhanced
 - monitor and manage HP Virtual Connect 8Gb Fibre Channel Module (24-port) and HP 1/10Gb-F VC Module switches
 - Providers support
 - Support for HP Insight Management WBEM Providers v2.3 as well as Linux providers
 - HP SIM 5.3 Update 1 will pre-enable support for SLES11 and RHEL5 U3
- HP VMM has been enhanced to better handle larger virtual disks during transport operations on VMware ESXi Server 3.5.0 and Hyper-V
- HP RDP offers deployment support for VMware ESX 3.5 Update 3, Microsoft Hyper-V Server 2008 and Red Hat Enterprise Linux 5.3
- The c-Class enclosure skus bundled with ICE is updated due to the enclosure updates.

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At A Glance

Insight Control suite (ICE) includes several essential infrastructure management modules, including:

- HP Systems Insight Manager software
- HP iLO Advanced (in the case of standalone ICE licenses) or HP iLO Advanced for BladeSystem (in the case of ICE licenses bundled with a c-Class enclosure)
- HP Insight Power Manager software
- HP Insight Rapid Deployment software
- HP Insight Performance Manager module
- HP Insight Vulnerability and Patch Manager module
- HP Insight Virtual Machine Manager software

With the purchase of ICE, including upgrades from iLO Advanced or RDP to ICE, 1 year of 24x7 Technical Support and Updates (TS&U) is included unless it is a tracking license, based on an Activation Key Agreement signed before July 2007 specifically excluding 1 year of TS&U.

When ordering ICE, customers will receive a printed license entitlement certificate via physical shipment. The license entitlement certificate must be redeemed online or via fax in order to obtain the license activation key(s).

NOTE: The integrated installer will recognize and use or upgrade existing installations of HP SIM and RDP and can be used to update components to the latest revision supplied on the Insight Software DVDs. The Insight Software DVD #1 in the Insight Software Media Kit contains the Insight Control suite.

NOTE: The Insight Control Environment for BladeSystem suite is no longer being sold as standalone software. You can continue to purchase Insight Control Environment for BladeSystem with the c-Class enclosure as before. For standalone software, you can purchase the Insight Control suite starting January 26, 2009. The discontinuation date for all Insight Control Environment for BladeSystem standalone licenses is April 30, 2009. The standalone Insight Control suite license will license HP ProLiant ML, DL and BL servers.

NOTE: The discontinuation date for HP Insight Rapid Deployment software to Insight Control Environment for BladeSystem upgrade options is April 30, 2009. HP Insight Rapid Deployment software upgrade to Insight Control suite is available starting January 26, 2009.

Models

HP Insight Control suite (ICE)	NOTE: HP Insight Control suite supports HP ProLiant ML/DL 300, 500, 700 series and BladeSystem infrastructure. NOTE: Power management capability will not function for HP ProLiant DL 785 G5 servers.	
	HP ICE License, including 1 year of 24x7 Technical Support and Updates, Electronic NOTE: This part number can be purchased as a single license or as multiple licenses with a single activation key. NOTE: Electronic LTUs are only available through limited points of sales; if not available, order a printed license entitlement certificate (xxxxx-B21) instead.	T9074BAE
	HP Insight Control suite, No Media, 1-Server License including 1 year of 24x7 Technical Support and Updates	452148-B22
	HP Insight Control suite, No Media, Flexible-Quantity License including 1 year of 24x7 Technical Support and Updates NOTE: This part number can be used to purchase multiple licenses with a single activation key.	452149-B22
	HP Insight Control suite, No Media, 10-Server License including 1 year of 24x7 Technical Support and Updates	452676-B22

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<p>HP Insight Control suite, Tracking License including 1 year of 24x7 Technical Support and Updates</p> <p>NOTE: For use with signed and implemented Activation Key Agreements (AKA) only. Purchase of this part number entitles the customer to deploy additional licenses of the product under the terms of the existing Activation Key Agreement. No physical components or license keys are delivered in conjunction with the purchase of this part number. For more information on Activation Key Agreements please visit: http://h18013.www1.hp.com/products/servers/proliantessentials/license/options.html</p>	452150-B21
<p>HP Insight Control suite, Tracking License without 1 year of 24x7 Technical Support and Updates.</p> <p>NOTE: Tracking licenses may only be purchased by customers that have implemented an activation key agreement (AKA) with HP. Only customers that have implemented an AKA agreement prior to July 9, 2007 should purchase tracking licenses without 24 x 7 support.</p>	436278-B21
<p>HP Insight Software Media Kit</p> <p>NOTE: Insight Software DVD media without licenses. Contains HP Systems Insight Manager and essentials management software products and components licensed by Insight Control suites. Uses an integrated installer to perform quick and accurate software installation and updates.</p> <p>NOTE: HP Insight Control Management Software Media Kit supports HP ProLiant ML/DL 300, 500 and 700 series and HP ProLiant BL servers.</p>	436222-B21

HP iLO Advanced upgrade to Insight Control suite

<p>HP iLO Advanced Pack Upgrade to Insight Control suite Flexible-Quantity, Electronic License including one year of 24x7 support</p> <p>NOTE: For use in environments where iLO Advanced is already installed and licensed. This part number can be purchased as flexible quantity licenses with a single activation key.</p> <p>NOTE: The HP iLO Advanced Upgrade License supports HP ProLiant ML/DL 300, 500 and 700 series servers.</p> <p>NOTE: Electronic LTUs are only available through limited points of sales; if not available, order a printed license entitlement certificate (xxxxx-B21) instead.</p>	T9404AAE
<p>HP iLO Advanced upgrade to Insight Control suite No Media, 1-Server License including one year of 24x7 support</p> <p>NOTE: For use in environments where iLO Advanced Pack is already installed and licensed.</p> <p>NOTE: The HP iLO Advanced Upgrade License supports HP ProLiant ML/DL 300, 500 and 700 series servers and BladeSystem infrastructure.</p>	506503-B21
<p>HP iLO Advanced upgrade to Insight Control suite, No Media, Flexible-Quantity License including one year of 24x7 support.</p> <p>NOTE: For use in environments where iLO Advanced is already installed and licensed. This part number can be used to purchase multiple licenses with a single activation key.</p> <p>NOTE: The HP iLO Advanced Upgrade License supports HP ProLiant ML/DL 300, 500 and 700 series servers and BladeSystem Infrastructure.</p>	464063-B21
<p>HP iLO Advanced upgrade to Insight Control suite No Media, Tracking License including one year of 24x7 support</p> <p>NOTE: For use with signed and implemented Activation Key Agreements (AKA) only. Purchase of this part number entitles the customer to deploy additional licenses of the product under the terms of the existing Activation Key Agreement. No physical components or license keys are delivered in conjunction with the purchase of this part</p>	492315-B21

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number. For more information on Activation Key Agreements please visit:
<http://h18013.www1.hp.com/products/servers/proliantessentials/license/options.html>
NOTE: The HP iLO Advanced Upgrade License supports HP ProLiant ML/DL 300, 500 and 700 series and BladeSystem infrastructure.

HP Insight Rapid Deployment software upgrade to Insight Control suite

HP RDP upgrade to Insight Control suite, License including 1 year of 24x7 Technical Support and Updates Electronic	T9101ABE
NOTE: For use in environments where RDP is already installed and licensed. This part number can be purchased as a single license or as multiple licenses with a single activation key. NOTE: Electronic LTUs are only available through limited points of sales; if not available, order a printed license entitlement certificate (xxxxx-B21) instead. NOTE: This option does not include RDP licenses.	
HP RDP upgrade to Insight Control suite, No Media, 1-Server License including 1 year of 24x7 Technical Support and Updates	453485-B22
NOTE: For use in environments where RDP is already installed and licensed on ProLiant ML, DL or BL servers. NOTE: This option does not include RDP licenses.	
HP RDP upgrade to Insight Control suite, No Media, Flexible-Quantity License including 1 year of 24x7 Technical Support and Updates	436753-B23
NOTE: For use in environments where RDP is already installed and licensed on ProLiant ML, DL or BL servers. This part number can be used to purchase multiple licenses with a single activation key. NOTE: This option does not include RDP licenses.	
HP RDP upgrade to Insight Control suite, No Media, 8-Server License including 1 year of 24x7 Technical Support and Updates	436751-B23
NOTE: For use in environments where RDP is already installed and licensed on ProLiant ML, DL or BL servers. NOTE: This option does not include RDP licenses.	

Standard Features

Single Media and Simplified Licensing

Delivered on Insight Software DVD #1 for simplified installation and licensing. HP Insight Control suite contains HP SIM and key essentials management software that provide total control, maximum flexibility and tangible savings from your investment in HP ProLiant and HP BladeSystem infrastructure.

HP Insight Control suite includes a single activation key for licensing Insight Performance Manager module, Insight Power Manager software, Insight Vulnerability and Patch Manager module and Insight Virtual Machine Manager software. Separate license keys are provided for iLO Advanced and HP Insight Rapid Deployment software.

Integrated Installer

The Insight Software DVD integrated installer provides a streamlined, automated process to deploy and configure HP SIM and essential management software more consistently and rapidly, with less manual intervention.

The integrated installer includes a wizard-based interface that presents a series of configuration questions. Once the configuration questions have been completed, each of the selected components will be deployed as a single process.

The HP Insight Software Advisor (formerly named HP Insight Control Management Advisor) also checks to ensure that the host central management server meets all installation pre-requisites prior to initiating the installation process. Once the installation has completed, use the Insight Software Update Utility to check for available software updates.

Unified Infrastructure Management

HP Insight Control suite, based on HP Systems Insight Manager (HP SIM), provides a unified, secure and extensible platform to centrally manage servers, storage and other infrastructure devices across heterogeneous operating system environments.

HP SIM provides core management services that include device discovery and identification, event views, health monitoring, inventory data collection, software version control and reporting. HP SIM is built on industry standards and is extensible with value-added essential management software as well as custom application and scripts to meet individual management needs.

Lights-Out Remote Management

HP Insight Control suite, through iLO Advanced, provide comprehensive lights-out remote management capabilities for ProLiant servers, including high-performance virtual KVM for routine and emergency remote administration, remote access to server power control and event logs, virtual media for simple deployment and update of remote servers, and single server power measurement and regulation.

With the latest versions of the iLO Advanced, HP now helps distributed IT teams effectively collaborate to solve complex IT problems. The new shared console capability allows up to four team members to view and share control of a single virtual KVM session. In addition "console replay" captures and saves screen video to enable review of failure sequences and easily document complex configuration administrative tasks.

Standard Features

Optimize Power Confidently

HP Insight Control suite delivers precise power and thermal measurement and reporting for HP ProLiant ML/DL 300 and 500 series and HP ProLiant BladeSystem Infrastructure. ICE includes dynamic power capping and power management alerts for HP ProLiant and BladeSystem infrastructure. These capabilities increase the number of servers that can be deployed per circuit by as much as 36%. Dynamic power capping for single servers allows you to safely reclaim unused power and cooling capacity by limiting power usage without risk or performance degradation or circuit over-subscription. Dynamics power capping for BladeSystem enclosures delivers additional savings by allowing an enclosure level power budget to be dynamically shared across multiple ProLiant BL servers. Power management alerts help you optimize dynamic power capping settings by informing you when power caps have been reached at the server or enclosure level.

The Insight Power Manager function is supported on a select group of ProLiant servers that ship with the iLO2 management processor. For more information on supported server, please reference the Insight Power Manager QuickSpecs at:

http://h18000.www1.hp.com/products/quickspecs/12623_div/12623_div.html

NOTE: The power management capability will not function for HP ProLiant DL785 G5 servers.

Proactive Performance Monitoring and Bottleneck Analysis

HP Insight Control suite leverages the Insight Performance Manager module (PMP) to detect impending bottleneck conditions on HP ProLiant servers, HP Integrity servers and HP shared storage. PMP provides proactive notification of building bottleneck conditions, and vital information to help debug and remediate existing performance issues.

Performance data is presented through an interactive graphical interface and can also be logged to a database for later analysis or reporting. PMP includes configurable settings to define monitoring frequency and proactive notification through HP Systems Insight Manager.

Rapid Server Deployment

HP Insight Control suite delivers a complete deployment solution for HP ProLiant servers through HP Insight Rapid Deployment software (RDP). The process includes server hardware configuration, image or script-based installation of OS and applications, and installation of HP ProLiant Support Pack drivers.

With Insight Control suite in place, server deployments become faster, are more consistent, and less prone to human error.

Consolidated Vulnerability Assessment and Patching

HP Insight Control suite incorporates the Insight Vulnerability and Patch Manager module (VPM) which integrates and simplifies the assessment and resolution of vulnerabilities in operating system for Windows and Linux platforms from within HP Systems Manager.

Powered by STAT® Scanner, the Insight Vulnerability and Patch Manager module automates the scan and detection of security vulnerabilities and provides actionable advice for problem resolution. It also facilitates automated patch deployment, selecting the appropriate patches based on the results of security scans.

VPM automatically downloads patches directly from vendor sources at customer-defined intervals. Updates can be downloaded directly into the patch repository or, in instances where firewall policies prevent http and ftp downloads, acquired outside the data center and manually imported.

Standard Features

Unified Virtual and Physical Systems Management

Included with HP Insight Control suite, the Insight Virtual Machine Manager software (VMM) delivers unified management and control of VMware®, Microsoft®, and Citrix virtual machines. Capabilities include association of virtual machines with their physical hosts in HP SIM; monitoring performance for easy identification of VMs or host servers reaching high CPU, memory or disk utilization levels; moving VMs between host servers, including initiating live moves (on supported platforms; requires VMotion for VMware VMs); and rapid recovery capabilities that enable restoration of VMs on any available host. Additionally, VMM offers the ability to evacuate virtual machines from VMware ESX host servers upon receipt of hardware predictive hardware failure alerts by initiating moves using VMware DRS and VMotion. This reduces downtime by relocating the VMs before the host server fails.

With unified management of physical and virtual resources, systems administrators now have the ability extend existing processes to the management of their virtualized infrastructure while leveraging best in class technology for virtual machine deployment, monitoring, and control.

Supported Product

Hardware Support

HP Server Hardware Platforms

HP Insight Control suite supports management of all HP ProLiant ML/DL 300, 500 and 700 series servers and BladeSystem infrastructure. HP Insight Control Environment for BladeSystem standalone software will be discontinued on April 30, 2009 (only very limited ordering is possible) and obsolete (no more ordering allowed) on July 31, 2009. Customer can continue to purchase the Insight Control suite for BladeSystem as part of the c-Class enclosure.

There may be minor discrepancies in hardware support between different software components, so customers are encouraged to consult the detailed Insight Control suite Support Matrix or individual QuickSpecs for the products listed in the "Included Products" section for specifics on platform support.

To enable the power management capabilities of HP Insight Control, target servers must have an embedded power meter. For a list of systems that support power management, please consult the Insight Control suite Support Matrix at:

<http://bizsupport.austin.hp.com/bc/docs/support/SupportManual/c00700722/c00700722.pdf>

The central management server hardware hosting Insight Control suite must meet the following minimum requirements.

Component	Specification
Server	HP ProLiant ML/DL 300, 500 or 700 series servers or HP ProLiant c-Class or p-Class blade servers NOTE: Power management capability will not function for HP ProLiant DL785 G5 servers.
Memory	At least 2 GB RAM (4 GB RAM recommended)
Processor	At least 1.6 GHz (2 GHz or higher recommended)
Disk Space	At least 5 GB for the Insight management software. More disk space is required for operating system files, logs, and patch database.
File Structure	New Technology File System (NTFS)
DVD drive	Local or mapped DVD drive required

Software Support

The central management server hosting the Insight Control suite must meet the following minimum OS, service, and database requirements

Component	Specification
Operating System	Microsoft Windows Server® 2008 Standard Edition 32-bit or 64-bit (in 32-bit emulation mode) Microsoft Windows Server 2008 Enterprise Edition 32-bit or 64-bit (in 32-bit emulation mode) Microsoft Windows Server 2003, Standard Edition SP2 (32-bit only) Windows Server 2003, Enterprise Edition SP2 (32-bit only) Windows Server 2003 R2, Standard Edition SP2 (32-bit only) Windows Server 2003 R2, Enterprise Edition SP2 (32-bit only) NOTE: For a list of supported target systems and operating systems, please consult the Insight Control suite Support Matrix at: http://bizsupport.austin.hp.com/bc/docs/support/SupportManual/c00700722/c00700722.pdf
Services	.Net 1.1 Framework .NET 2.0 Framework SNMP Internet Protocol Version 6 (IPv6) TCP/IP with DNS installed so that system names resolve to an IP addresses. It is necessary that IP addresses resolve to system names. Windows Automated Installation Kit (WAIK) 1.1

Supported Product

Database	Microsoft SQL Server 2008 Microsoft SQL Server 2005 SP2 Microsoft SQL Server 2005 Express Edition SP2*
Other Software	Microsoft Internet Explorer 6.0 SP1 or 7.0 Adobe® Acrobat® Reader Mozilla Firefox 2.0 or 3.0 (not supported by all components)
Virtualization	VMware ESX 3.0.1, 3.0.2, 3.0.3 or 3.5 Update 1 or later (supported installation platform)

*SQL Server 2005 Express Edition supports 500 systems and 5,000 events.

Service and Support, HP Care Pack, and Warranty Information

Warranty

HP will replace defective delivery media replacement for a period of 90 days following the date of purchase.

HP Software Support

HP offers a number of software support services, many of which are provided to customers at no additional charge.

Software Technical Support and Update Service

The Insight Control suite includes one year of 24 x 7 HP Software Technical Support and Update Service. This service provides access to HP technical resources for assistance in resolving software implementation or operations problems. The service also provides access to software updates and reference manuals either in electronic form or on physical media as they are made available from HP. With this service, Insight Control and essential infrastructure management software customers will benefit from expedited problem resolution as well as proactive notification and delivery of software updates. For more information about this service, see: <http://www.hp.com/services/insight>.

After HP processes your support registration, you will receive a Service Agreement Identifier (SAID). In order to receive the software updates that you are entitled to, you must use your SAID and access the Software Update Manager (SUM) at the HP IT Resource Center (ITRC) home page: <http://www.itrc.hp.com>

Join the Discussion

The HP Support Forum is a community-based, user-supported tool for HP customers to participate in discussions amongst the customer community about HP products. For discussions related to Insight Control and ProLiant Essentials software, see the "Management Software and System Tools" area.

Software and Drivers Download Pages

Provides latest software and drivers for your ProLiant products.

Management Security (<http://www.hp.com/servers/manage/security>)

HP is proactive in its approach to the quality and security of all its management software. Be sure to check this website often for the latest down loadable security updates.

Obtain the latest SmartStart Release (<http://www.hp.com/servers/smartstart>)

The SmartStart, Management, and Firmware CDs are now freely available for download following a simple registration from the SmartStart web site. If you wish to receive physical kits with each release, you can order single release kits from the SmartStart web site. To receive proactive notification when SmartStart releases are available, subscribe to Subscriber's Choice at: <http://www.hp.com/go/subscriberschoice>.

For support questions in the U.S. that are not covered in any of the above services, please call 1-800-HP-INVENT (1-800-474-6836). (When prompted, say "Insight Manager.") HP Worldwide numbers for HP SIM, Insight Control Environment, and essential infrastructure management software are available at: <http://www.hp.com/country/us/en/wwcontact.html>.

Service and Support, HP Care Pack, and Warranty Information

Education Services

Training from HP Education Services ensures that you get the most out of your investment in Insight Control suite. The training curriculum provides a broad range of instructor-led and online courses, designed to build both core and advanced skills in server implementation and management.

Education services can be purchased in two ways:

- **HP Care Pack Total Education:** This pack provides "credits" that can be used for any of more than 200 different instructor-led courses offered at HP education centers. Credits can also be used for any of more than 3,000 online courses offered through the HP IT Resource Center.
- **Technology-specific HP Care Pack:** These services are designed to meet particular training needs specific to a certain technology or level of training.

For more information: <http://www.hp.com/education/>

Related Options

HP Insight Dynamics – VSE Licenses	<p>HP Insight Dynamics-VSE with Insight Control suite, 8-server license including 1 year of 24x7 Technical Support and Updates, Factory Integrated Only (FIO) NOTE: This license supports HP ProLiant c-Class blade servers. NOTE: Must be purchased as an option to an HP BladeSystem enclosure. FIO can only be ordered as part of a factory-configured platform</p> <p>HP Insight Dynamics-VSE with Insight Control suite, 16-server license including 1 year of 24x7 Technical Support and Updates, Factory Integrated Only (FIO) NOTE: This license supports HP ProLiant c-Class blade servers. NOTE: Must be purchased as an option to an HP BladeSystem enclosure. FIO can only be ordered as part of a factory-configured platform.</p> <p>HP Insight Dynamics-VSE with Insight Control suite, 1-server license including 1 year of 24x7 Technical Support and Updates, FIO NOTE: This license supports HP ProLiant ML/DL servers and c-Class blade servers NOTE: Must be purchased as an option to an HP ProLiant ML, DL server or c-Class blade servers.</p> <p>HP Insight Dynamics-VSE with Insight Control suite, Flexible-Quantity License including 1 year of 24x7 Technical Support and Updates NOTE: This license supports HP ProLiant ML/DL servers and c-Class blade servers NOTE: This license can be used to purchase multiple licenses with a single activation key.</p> <p>HP Insight Dynamics-VSE with Insight Control suite Tracking License including 1 year of 24x7 Technical Support and Updates NOTE: This license supports HP ProLiant ML/DL servers and c-Class blade servers. NOTE: For use with signed and implemented Activation Key Agreements (AKA) only. Purchase of this part number entitles the customer to deploy additional licenses under the terms of the existing AKA. No physical components or license keys are delivered in conjunction with the purchase of this part number.</p> <p>HP Insight Dynamics-VSE with Insight Control suite, Electronic License including 1 year of 24x7 Technical Support and Updates NOTE: Electronic LTUs are only available through limited points of sales; if not available, order a printed license entitlement certificate (483525-B21) instead.</p>	<p>483521-B21</p> <p>483454-B21</p> <p>483453-B21</p> <p>483525-B21</p> <p>483528-B21</p> <p>T9710AAE</p>
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VMware Infrastructure Licenses	<p>VMware Infrastructure 3 (VI3)</p> <p>VMware VI3 Foundation 2P License + ICE + SMP-X2V No Media with 1-year 9x5 SnS NOTE: VMware ESX3i is supported by HP Insight Control suite components, excluding Performance Management Pack (PMP). NOTE: Includes VMware VI 3 Foundation or ESX 2.5.x 2P license, Insight Control suite, 5 SMP licenses for P2V and V2V migrations and 1-year 9x5 unlimited technical software support and updates.</p> <p>VMware VI3 Standard 2P Lic + ICE + SMP-X2V No Media with 1-year 9x5 SnS NOTE: Includes VMware VI 3 Standard or ESX 2.5.x 2P license, Insight Control suite, 5 SMP licenses for P2V and V2V migrations, and 1-year 9x5 unlimited technical software support and updates</p> <p>VMware VI3 Enterprise 2P Lic + ICE + SMP-X2V No Media with 1-year 9x5 SnS NOTE: Includes VMware VI 3 Enterprise or ESX 2.5.x 2P license, Insight Control suite, 5 SMP licenses for P2V and V2V migrations, and 1-year 9x5 unlimited technical software support and updates.</p>	<p>467935-B21</p> <p>467936-B21</p> <p>467937-B21</p>
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Licensing and Packaging - c3000 Rack Models – Supports up to 8 blades



Related Options

HP BladeSystem c-Class Enclosure options	<p>HP BladeSystem c3000 Rack Enclosure with 8 Insight Control Suite Licenses NOTE: Includes 4 AC Power Supplies, 6 Active Cool 100 Fans, DVD drive, Rail Kit, Onboard Administrator DDR2 module and 8 Insight Control Suite Licenses. 508664-B21</p> <p>HP BladeSystem c3000 Rack Enclosure with 8 Insight Control Suite Trial Licenses NOTE: Includes 4 AC Power Supplies, 6 Active Cool 100 Fans, DVD drive, Rail Kit, Onboard Administrator DDR2 module, and 8 Insight Control Suite Trial Licenses. 508665-B21</p> <p>HP BladeSystem Single-Phase c3000 Enclosure NOTE: Includes 2 AC Power Supplies, 4 Fans, an Onboard Administrator DDR2 module, a DVD drive, rail kit, and 8 Insight Control Suite Trial Licenses; additional power supplies and fans can subsequently be added to support more than 4 blades 536841-B21</p> <p>Tower Models – Supports a full enclosure of 8 blades</p> <p>HP BladeSystem c3000 Tower Enclosure with 8 Insight Control suite for BladeSystem Licenses 458033-B21 NOTE: Includes 4 Power Supplies, 6 Fans, an Onboard Administrator module, a DVD drive and 8 Insight Control suite Licenses with 1 year of 24x7 Technical Support and Updates.</p> <p>HP BladeSystem c3000 Tower Enclosure with 8 Insight Control suite Licenses 458032-B21 NOTE: Includes 4 Power Supplies, 6 Fans, an Onboard Administrator module, a DVD drive and 8 Insight Control suite Licenses with 1 year of 24x7 Technical Support and Updates</p> <p>Tower Models – A "starter" enclosure that supports up to 4 blades</p> <p>HP BladeSystem c3000 Tower Enclosure 469499-B21 NOTE: Includes 2 Power Supplies, 4 Fans, an Onboard Administrator module, a DVD drive and Trial Licenses; additional power supplies and fans can subsequently be added to support more than 4 blades.</p> <p>HP BladeSystem c3000 Tower Enclosure 469500-B21 NOTE: Includes 2 Power Supplies, 4 Fans, an Onboard Administrator module, a DVD drive and 8 Insight Control suite Licenses with 1 year of 24x7 Technical Support and Updates; additional power supplies and fans can subsequently be added to support more than 4 blades.</p> <p>c7000 Models – Supports up to 16 blades</p> <p>HP BladeSystem c7000 Enclosure, Single-Phase with 2 Power Supplies, 4 Fans with 16 Insight Control suite Licenses, RoHS including 1 year of 24x7 Technical Support and Updates 507015-B21</p> <p>HP BladeSystem c7000 Enclosure, Three-Phase North America/Japan with 6 Power Supplies, 10 Fans with 16 Insight Control suite Licenses, RoHS including 1 year of 24x7 Technical Support and Updates 507017-B21</p> <p>HP BladeSystem c7000 Enclosure, Three-Phase International with 6 Power Supplies, 10 Fans with 16 Insight Control suite Licenses, RoHS including 1 year of 24x7 Technical Support and Updates 507016-B21</p> <p>HP BladeSystem c7000 Enclosure, Single-Phase with 2 Power Supplies, 4 Fans with 8 Insight Control suite 30 Day Trial Licenses, RoHS. 507014-B21 NOTE: These options allow customers to purchase Insight Control suite with HP BL c3000 and BLc7000 enclosures, making it easy to purchase all of the management software you require in one, easy step.</p> <p>HP c-Class Insight Control suite for BladeSystem Enclosure integration (Factory Integration only) NOTE: The following options support Factory Integration only. For additional information, please see the Configuration to Order Section of the following QuickSpecs:</p>
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Related Options

HP BladeSystem c3000 Enclosure QuickSpecs: http://h18000.www1.hp.com/products/quickspecs/12790_div/12790_div.html	
HP BladeSystem c7000 Enclosure QuickSpecs: http://h18000.www1.hp.com/products/quickspecs/12810_div/12810_div.html	
HP c-Class Insight Control suite for BladeSystem Enclosure integration, 8 License, including 1 year of 24x7 Technical Support and Updates, FIO	439034-B23
HP c-Class Insight Control suite for BladeSystem Enclosure integration 16 License, including 1 year of 24x7 Technical Support and Updates, FIO	417688-B23

Service and Support Offerings (HP Care Pack Services)	HP Insight Control suite for BladeSystem - 3 year, 24x7 Unlimited Software Support includes technical support and Software updates NOTE: This upgrades the included 1 year 24x7 Unlimited Software Support and Updates to three year	UF522E
	HP Insight Control suite - 3 year, 24x7 Unlimited Software Support includes technical support and Software updates NOTE: This upgrades the included 1 year 24x7 Unlimited Software Support and Updates to three years.	UF526E
	HP Insight Control suite, 4 years, 24x7 Unlimited Software Support includes technical support and Software updates NOTE: This upgrades the included 1 year 24x7 Unlimited Software Support and Updates to 4 years	UJ126E
	HP Insight Control suite- 5 years, 24x7 Unlimited Software Support includes technical support and Software updates NOTE: This upgrades the included 1 year 24x7 Unlimited Software Support and Updates to 5 years.	UJ127E
	HP Insight Control suite 8 servers - 3 year, 24x7 Unlimited Software Support includes technical support and Software updates NOTE: This upgrades the included 1 year 24x7 Unlimited Software Support and Updates to 3 years	UF532E
	HP Insight Control suite 8 servers - 4 year, 24x7 Unlimited Software Support includes technical support and Software updates NOTE: This upgrades the included 1 year 24x7 Unlimited Software Support and Updates to 4 years	UJ226E
	HP Insight Control suite 8 servers - 5 year, 24x7 Unlimited Software Support includes technical support and Software updates NOTE: This upgrades the included 1 year 24x7 Unlimited Software Support and Updates to 5 years	UJ227E
	HP Insight Control suite 16 servers - 3 year, 24x7 Unlimited Software Support includes technical support and Software updates NOTE: This upgrades the included 1 year 24x7 Unlimited Software Support and Updates to 3 years	UF536E
	HP Insight Control suite 16 servers -4 year, 24x7 Unlimited Software Support includes technical support and Software updates NOTE: This upgrades the included 1 year 24x7 Unlimited Software Support and Updates to 4 years	UJ232E
	HP Insight Control suite 16 servers -5 year, 24x7 Unlimited Software Support includes technical support and Software updates NOTE: This upgrades the included 1 year 24x7 Unlimited Software Support and Updates to 5 years	UJ233E

Related Options

HP Insight Control suite, No Media 10 servers - 3 year, 24x7 Unlimited Software Support includes technical support and Software updates UF537E
NOTE: This upgrades the included 1 year 24x7 Unlimited Software Support and Updates to three years

Environment-friendly Products and Approach

End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to <http://www.hp.com/go/green>. To recycle your product, please go to: <http://www.hp.com/go/green> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/green>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

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