HP SiteScope software
Data sheet

HP SiteScope is agentless monitoring software that helps increase the availability and performance of your IT infrastructure.

Improve the availability and performance of IT environments

HP SiteScope software monitors the availability and performance of distributed IT infrastructures—including servers, operating systems, network and Internet services, applications and application components. HP SiteScope continually monitors more than 65 types of IT infrastructure targets via a web-based architecture that is lightweight and highly customizable. With HP SiteScope, you gain the real-time information you need to verify infrastructure operations, stay apprised of problems, and solve bottlenecks before they become critical. HP SiteScope is an important component of both the HP Operations Center software and the HP Business Availability Center software, providing agentless availability and performance monitoring and management.
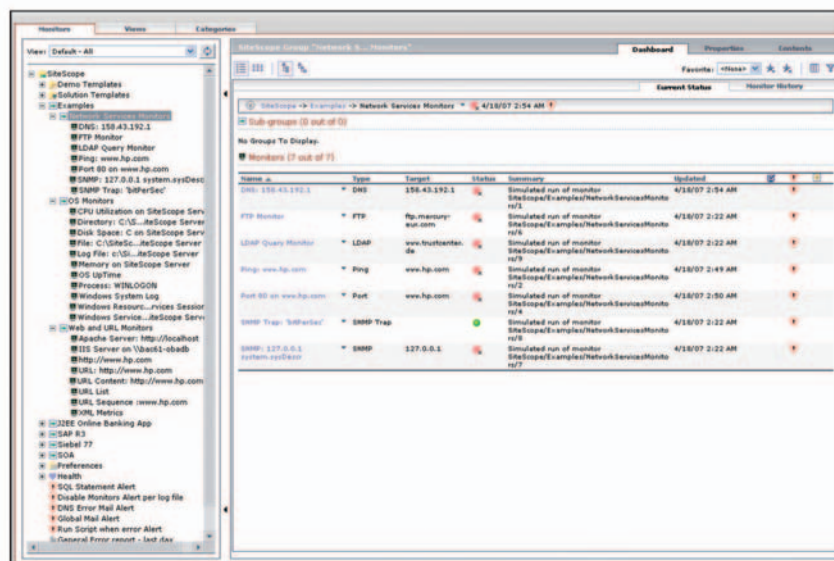
Reduce total cost of ownership

HP SiteScope reduces your total cost of ownership (TCO):

- Gathers detailed performance data for infrastructure targets without the need of an agent.
- Enables the easy installation and monitoring of IT infrastructure in less than 20 minutes and fully configuring software in most environments within an hour.
- Reduces the time and cost of maintenance by consolidating all maintenance to one central server.
- Reduces the time to make administrative and configuration changes by providing a highly scalable user interface.
- Enables quick and efficient operations management with powerful automated actions initiated with monitor status change alerts.
- Offers solution templates that include specialized monitors, default metrics, proactive tests, and best practices for an application or monitoring component.
- Supports easy customization to provide basic monitoring of previously unmanaged or hard-to-manage systems and devices.

Standalone software and an essential part of HP Operations Center and HP Business Availability Center

HP SiteScope is available as a standalone solution or as a key product in the HP Operations Center and the HP Business Availability Center. HP Operations Center provides leading software for managing heterogeneous IT infrastructures and core applications—improving availability and increasing operations staff efficiency. HP Business Availability Center is an integrated set of software that optimizes business availability, decreases downtime, and improves service levels from a top-down, end-user application perspective.

HP SiteScope integrates easily with products such as HP Operations Manager software and HP Service Level Management software and can be used with HP Managed Software Solutions. It acts as a monitoring foundation for other HP business technology optimization (BTO) products such as HP LoadRunner software.

How HP SiteScope works

HP SiteScope provides a centralized, scalable architecture. HP SiteScope is implemented as a Java™ server application and runs on a single, central system as a daemon process. The HP SiteScope Java server supports three key functions: data collection, alerting, and reporting. All user interaction is accomplished via a web-based user interface that enables configuration, installation, administration, real-time status, and reporting from one seamlessly integrated console.

HP SiteScope enables system administrators to monitor your IT infrastructure remotely from a central installation without the need for agents on the monitored systems. HP SiteScope accomplishes remote monitoring by logging into systems as a user from its central server, which can run on Windows®, UNIX®, and Linux® platforms. Several log-in formats are supported, including TELNET, rlogin, HTTP, SSH, and NetBIOS.

In addition, HP SiteScope offers optional failover support to give you added redundancy and automatic failover protection in the event that an HP SiteScope server fails. When the HP SiteScope primary server becomes unavailable, a secondary server takes over, providing uninterrupted monitoring.

Key features and benefits

- Features an agentless, enterprise-ready architecture that lowers TCO.
- Monitors more than 65 different target types for critical health and performance characteristics; enables proactive alerts before end users experience problems with customizable thresholds.
- Offers solution templates that feature built-in domain expertise in the form of specialized monitors, default metrics, proactive tests, and best practices for a given application or monitoring component.
- Can initiate automated corrective actions such as restarting servers, clearing disk space, and executing commands.
- Generates daily, weekly, and monthly summaries of monitor readings with built-in management reports.
- Provides powerful administrative functions, such as global search and replace, copy/paste, and filter views.
- Provides a highly customizable, web-based user interface that supports role-based views and displays favorites.
- Serves as an integrated component of HP Operations Center and the monitoring foundation for other HP BTO software including HP Business Availability Center and HP LoadRunner.
- Monitors Windows, UNIX, and Linux systems, offering comprehensive coverage for the most heterogeneous environments.
- Includes flexible notification methods, including standard methods—e-mail, SNMP trap, and pager (including support for SMS devices)—and additional methods, such as post and database alerts. In addition, it has the ability to escalate an alert according to rules defined by the user.
- Includes an integration module for HP Operations Manager.

Supported platforms for the HP SiteScope server

- Hardware: Intel x86 and Sun SPARC
- Operating systems: Microsoft® Windows 2000 Server/Advanced Server SP4 or higher, Microsoft Windows 2003 Server/Enterprise Server SP1 or higher; Solaris 8; Solaris 9; Solaris 10; Red Hat Linux 8, 9.0; Red Hat Linux Advanced Server 3, 4
- Virtual machines: VMware ESX Server 1.5 or greater; VMware GSX 2.5 or greater
- Memory: 512MB minimum (2 GB+ recommended)
- Free Hard Disk Space: 2 GB or more (10 GB+ recommended)

A complete solution

Comprehensive training
HP provides a comprehensive curriculum of HP Software and IT Service Management courses. These offerings provide the training you need to realize the full potential of your HP solutions, increase your network optimization and responsiveness, and achieve better return on your IT investments.

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Supported IT targets for monitoring

HP SiteScope can monitor the following targets:

| **Operating systems** | Windows NT 4.0, Windows 2000, Windows 2003
AIX
HP-UX
Linux (most versions, SSH compatibility required)
MAC OS X
SCO OpenServer
SGI IRIX
Sun Solaris
Tru64 5.x and Tru64 pre-4.x | | |

System monitors	Composite CPU utilization Database DHCP Directory Disk space File	LDAP Log file Memory News Network NT dial-up NT event log	NT performance counter Radius Script Service UNIX resources Windows resources Windows services state
Application monitors	Apache Web Server ATG Dynamo Application BEA Tuxedo BEA WebLogic Application Server BroadVision Application Server CheckPoint FireWall-1 Cisco Works Citrix MetaFrame	IBM DB2 IBM WebSphere Application Server F5 Big-IP Monitor MacroMedia ColdFusion Server MAPI NetScape Enterprise/iPlanet Novell SilverStream Oracle9i Application Server	Oracle® JDBC Real One/Real Media Player and ServerServer SAP GUI SunONE server Sybase database Windows resources (covers most Microsoft applications) XML metrics
Web/URL monitors	eBusiness Chain Link check URL URL content	URL list URL sequence Web Server Web service	
Network service monitors	DNS Formula (bandwidth) composite FTP Mail Network bandwidth Ping	Port Real streaming RTSP (Real Time Streaming Protocol) SNMP by MIB SNMP SNMP trap	
Enterprise application monitors (requires additional license)	VMware, COM+ IBM WebSphere MQ Server SAP R/3NetWeaver, and CCMS, Web Script monitor		
Solution templates (requires additional license)	Active Directory Exchange (5.5, 2000 and 2003 supported) BEA WebLogic Application Server IBM WebSphere Server Oracle database Siebel	UNIX Host (AIX, Linux, Solaris) .NET SAP Windows Host	

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