MICRO FOCUS®

Micro Focus SiteScope

A part of Operations Bridge providing simple and powerful agentless infrastructure and application monitoring

Product Highlights

See it. Optimize it. Scale it.

Slash your TCO. There is no question that IT complexity will continue an upward trend. Analysts are predicting 400x growth in IT operations data, accelerating adoption of microservices, dramatically shorter software development cycles, pressure to adopt the hybrid cloud—the list goes on. The question is: how do elite teams decrease IT complexity in the most efficient and cost-effective way?

The answer is SiteScope, a component of Operations Bridge, an autonomous monitoring solution for hybrid IT. This agentless solution monitors the availability and performance of distributed IT infrastructure and applications, including servers, operating systems, network services, virtualization software, and application components. SiteScope can continuously monitor more than 100 types of IT components—all

via a remote access architecture that is lightweight and highly customizable.

With SiteScope, IT teams gain the real-time information they need to stay apprised of problems and solve bottlenecks—before they become critical issues. Additionally SiteScope can cut the total cost of ownership (TCO) by leveraging agentless technology, which saves the effort of installing and monitoring agents on every box; in addition, manual tasks can be automated and teams can take advantage of pre-packaged solution templates saving time and effort.

Key Features

Broad Functionality Built on Deep Expertise

SiteScope has a scalable architecture that supports a wide range of functions, such as data collection, alerting, event management, and

Capabilities and Benefits

Micro Focus SiteScope software is an agentless monitoring solution that helps users constantly monitor and improve the performance and availability of more than 100 types of IT assets:

- **Real-time visibility.** Via a single toolset that meets all monitoring needs for infrastructure, applications, and network monitoring

- **Predictive alerting.** Based on anomaly detection technology for availability and uptime improvement

- **Docker support.** And endorsed for monitoring in a containerized environment

- **ChatOps integration.** To enhance collaboration efficiency and extend control

- **Cloud support.** For monitoring cloud systems such as AWS, Azure, and more

- **Low TCO.** Using small-footprint agentless technology for out-of-the-box monitoring templates leveraging automated elastic monitoring

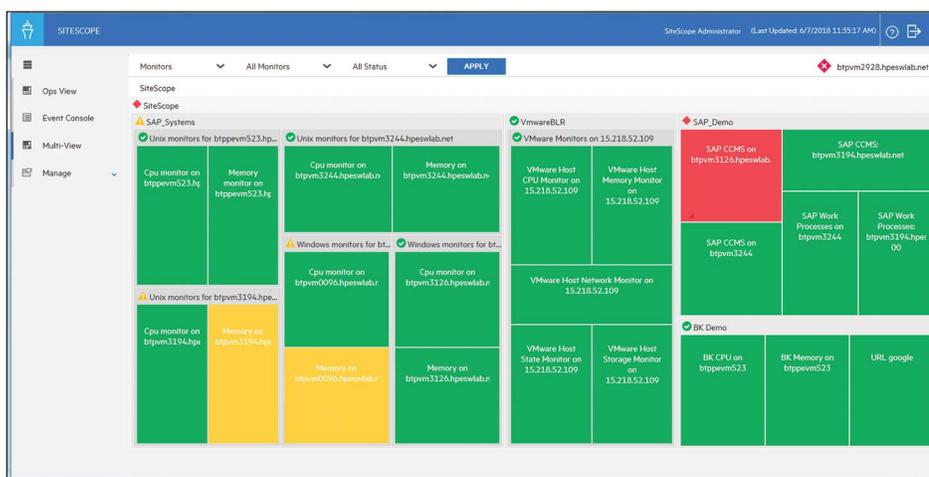- **Investment protection.** Through support for modern architectures and technologies

Figure 1. Application, Infrastructure, URL, Dynamic Docker & Cloud Environments

reporting. Data collection is performed via remote access that does not require agents to be installed and maintained on monitored nodes. SiteScope logs into systems as a remote user from the central server, where several connection methods are supported, including JMX, SNMP, HTTP, SSH, NetBIOS, and WMI.

Comprehensive Monitoring of Legacy and Modern Environments

SiteScope provides more than 100 out-of-the-box monitors covering aspects such as utilization, response time, usage, and resource availability. These monitors span a variety of host types and application platforms including:

- **Cloud:** Monitor virtual servers and applications on Amazon Web Services (AWS) such as Amazon Elastic Compute Cloud service (EC2), and Amazon Virtual Private Cloud (VPC).

  Data collected from AWS-hosted applications can be reported

to Amazon CloudWatch and used for AWS auto-scaling, reporting and alerting.

Similar capabilities are available for Microsoft Azure, Solaris Zones, Citrix, and others.

- **Virtualization:**
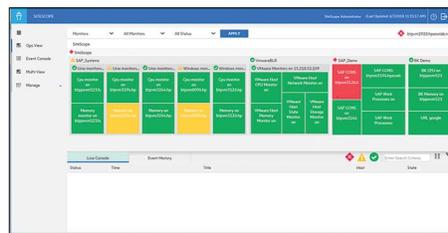 **Supports** virtualization technologies from VMware, Microsoft, Citrix, and Oracle/Sun.

Figure 2. Combine event and performance views in a single console

Docker virtualization:
A certified Docker partner for monitoring Docker clusters, nodes, containers, and workloads.

The recommended solution when using HPE Hyper Converged 380 (HC 380) for deploying Docker.

- **Heterogeneous environments:** Monitors for Windows, UNIX, HPE NonStop system, and Linux systems.

- **Microsoft technologies:** Monitors for SharePoint, Exchange, Active Directory, IIS, SQL Server, and Lync Server (formerly OCS).

- **Applications:** Monitors for Web application servers (WebLogic, WebSphere, SAP, etc.), databases (Oracle, MS SQL, Micro Focus® Vertica, etc.), streaming technologies, networking, Web transaction monitors, and much more.

What Does SiteScope Monitor?

Streaming monitors	Network monitors	Integration monitors
MS Windows Media Player, MS Windows Media Server, Real Media Player, Real Media Server, MS Lync (Edge, Registrar, Archiving, Director, Mediation, A/V conferencing)	Formula Composite, SNMP, SNMP by MIB, SNMP Trap, DNS, FTP, Port, Ping, Mail, MAPI, Network Bandwidth, MS Windows, Dialup	(EMS) Technology Database, Log File, SNMP Trap, Web Service Integration, HPE OM Event, Micro Focus Service Manager, NetScout Event
Big Data, database monitors	**Web monitors**	**Application systems monitors**
Vertica, Hadoop, IBM DB2, Microsoft SQL Server, Oracle Database, Sybase Database, Database Counter, Database Query	e-Business Transaction, URL, URL Content, URL List, URL Sequence, REST, WebScript, Link Check	Apache Server, BroadVision Application Server, Check Point, Cisco Works, ColdFusion Server, COM+ Server, MS Exchange, MS IIS Server, MS ASP Server, F5 Big-IP, News, Radius, Oracle Application Serve, WebSphere MQ Server, R, SAP, SAP CCMS, Java Web application server, work process, Siebel Application server, Siebel log, Siebel Web server, Sun ONE Web Server, Tuxedo, UDDI Server, WebLogic Application server, WebSphere Application Server, WebSphere Performance Servlet, UDDI, HAProxy, Memcached
Server monitors	**Virtualization monitors**	
CPU, Dynamic Disk Space, Memory, Service, iLO, IPMI, UNIX Resources, Syslog, Web Server, NonStop Resources/ Event Log. MS Windows: Performance Counter, Event Log, Resources, Services State	VMware Performance, VMware Host (CPU, Memory, State, Network, Storage), VMware Datastore, Solaris Zones, Citrix, KVM, Microsoft Hyper-V, Amazon CloudWatch, Generic Hypervisor	
Generic monitors	**Docker monitors**	
XML Metrics, Composite, Log File Directory, File, Dynamic JMX, Multi-Log, Script, Web Service, Custom WMI, Custom Log File, Custom DB, Custom	Docker clusters (SWARM, Kubernetes), Docker host, Docker engine, containerized applications and services, virtual networks	

Elastic Configuration

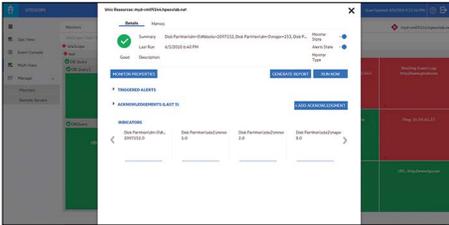Adjust to dynamic changes in data center configuration by adding or removing specific monitors.

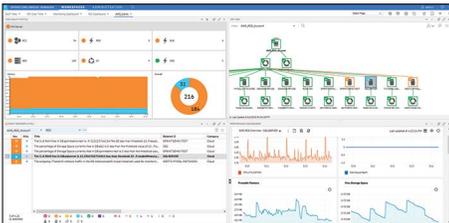**Figure 3.** Simple monitor configuration via UI and automation API

Figure 4. Consolidate multiple SiteScope servers to OpsBridge
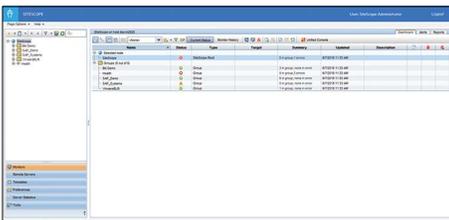

Figure 5. Simple monitor configuration via UI and automation APIs

Solution Templates

The database of templates leverages best practices for monitoring complex application environments with minimal time and effort. The templates feature built-in domain expertise of specialized monitors, default metrics and thresholds, proactive tests, and best practices for a given application or monitoring component.

Alerts, Notifications, and Reports

Supports email, SNMP traps, HTTP post, and database alerts. Alerts are sent to administrators based on thresholds and defined schedules.

Flexible User Management

Define group-level permissions, create user roles, assign security groups based on role using LDAP or internal management tool. Extended WS (Web Service)-based API that enables various management scenarios to run automatically without using the SiteScope UI

SiteScope Integrations

SiteScope not only provides an array of benefits as a standalone tool, it can be integrated with a wide variety of Micro Focus and third-party products, providing teams the flexibility to truly integrate their IT operations center.

Key Benefits

- **Micro Focus Operations Bridge:** Create a central event console by forwarding all received events. The integration is performed via an Operations Agent collocated on the same host with SiteScope.

- **Micro Focus Application Performance Management (APM):** In combination with APM, solutions teams can monitor performance metrics with system metrics and isolate problems, in real time, for all applications—on-premises, cloud, or mobile—delivering consistent, predictable measurement and control of application performance.

- **Micro Focus Performance Center:** Performance Center includes a topology module, which defines the infrastructure topology of the system under test. The visual topology also facilitates setting of monitors providing visibility in the system as tests are run.

- **Micro Focus Diagnostics:** In conjunction with Diagnostics integration provides system-level performance

and availability information to the code execution level

- **Micro Focus Network Node Manager i (NNMi) and Micro Focus Operations Orchestration:** View application and network monitoring in the same event console. SNMP Traps forward event data between the integrated solutions.

Integral Part of a Complete Solution

Get up and running with SiteScope quickly and effectively with three purchase options.

FLEXIBLE OFFERINGS

Community Edition—A free, perpetual license with limited functionally. Upgradeable by the user to a full-featured, 30-day trial for evaluation. Includes 120+ monitor types, alerts, user templates multi-view dashboard, and reports.

Premium Edition—features all Community edition functionality + full access to all capabilities, with no limit on monitor types and admin. 120+ monitor types, rich Solution Templates, integrations, APIs and HA.

Ultimate Edition—features all Premium edition functionality + support for service level management and native predictive analytics.

Comprehensive Training

Micro Focus provides a comprehensive curriculum of Software and IT Service Management courses to help utilize the full potential of Micro Focus solutions. Increase network optimization and responsiveness, and achieve better return on IT investments.

For more information about these and other educational courses, visit **www.microfocus. com/softwareed**.

Micro Focus Professional Services

Technical software support services are available to address all aspects of the software

lifecycle. Customers can choose the appropriate support level to meet their specific IT and business needs. Use cost-effective software support to free up IT resources in order to focus on innovation and other business priorities.

Micro Focus Professional Services delivers:

- One stop for all software and hardware services saving time with one call 24x7, 365 days a year
- Offering support for: VMware, Microsoft, Red Hat, and SUSE Linux, as well as Micro Focus Insight Software

- Technical expertise and remote tools to access fast answers, reactive problem resolution, and proactive problem prevention
- Global Reach, Consistent Service Experience, global technical expertise locally.

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