

# Nimsoft Monitor for VMware

## Unified, Intelligent, and Automated Monitoring

### Key Features

- Alerts, trending, and real time intelligence
- Configurable templates
- Complete monitoring view of all business services, whether in VMware, the data center, private clouds, or public clouds

### Benefits

- Proactive problem prevention, and fast detection and correction of issues when they occur
- Reduced administrative effort and costs
- High levels of performance and availability
- Reduced downtime and improved SLA compliance

### Introduction

With more than 190,000 customers, including 100% of the Fortune 100, VMware has enjoyed market adoption that few organizations could rival. Further, VMware is a central foundation technology in both enterprise IT infrastructures and today's emerging cloud environments. However, once VMware has been deployed, many organizations encounter challenges when it comes to ensuring optimal performance of the business services that are running in these virtualized environments.

### Nimsoft Monitor for VMware

Nimsoft Monitor for VMware offers the sophisticated, comprehensive, and efficient monitoring capabilities that enable administrators to ensure their virtualized IT infrastructures deliver the highest levels of availability and performance. Nimsoft Monitor offers the alerts, trending information, and real-time intelligence administrators need to prevent problems and quickly correct issues when they occur. Nimsoft Monitor makes it practical and efficient to proactively monitor and manage VMware environments—so organizations can fully leverage the performance, agility, and cost benefits of virtualized infrastructures.



## Automated Discovery, Configuration, Display

Nimsoft Monitor addresses the requirements for effectively monitoring VMware including: delivering VMware intelligence needed to ensure monitoring continuity; offering automated correlation of physical and virtual resources; and providing automation of monitoring configuration, deployment, and display.

### The Need

Given the dynamic nature of VMware environments, it simply isn't practical for administrators to manually configure, deploy, or update monitoring settings each time resources come online, migrate to another physical platform, or are decommissioned.

### The Solution

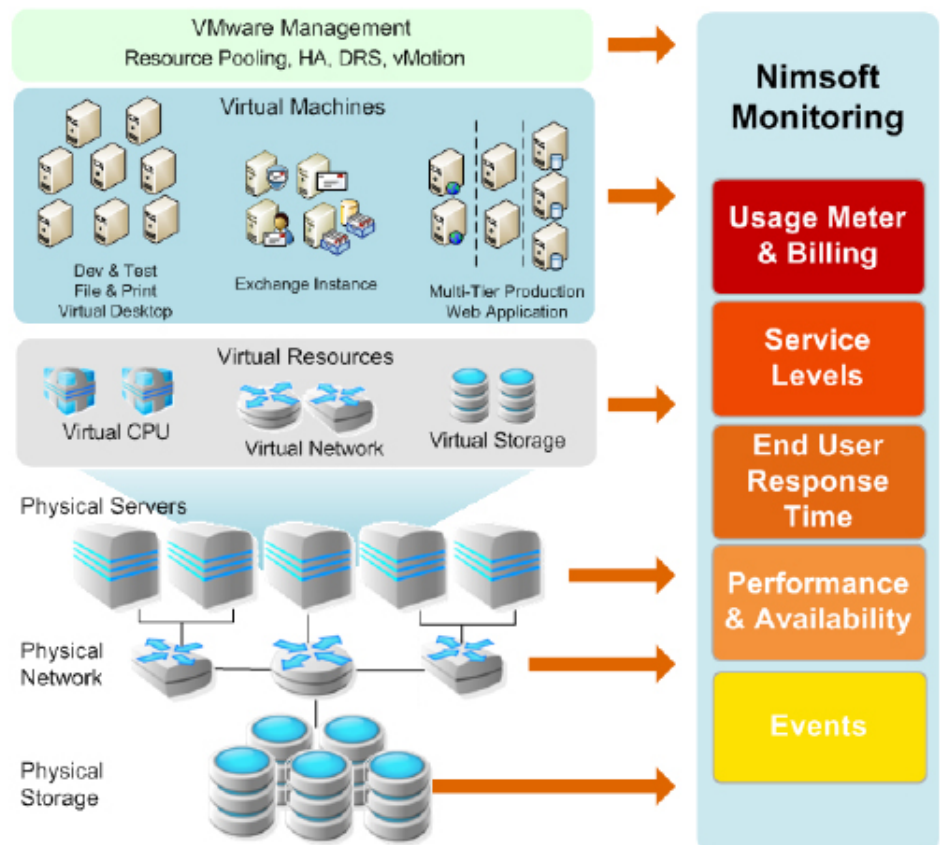
Nimsoft Monitor for VMware offers a range of automation capabilities that make it ideally suited to dynamic, virtualized environments:

- Automated alerts. Nimsoft Monitor can automatically generate alerts and historical quality of service information based on VMware environment metrics, including basic VM and ESX/ESXi host metrics, VM guest metrics, and vMotion, HA, and DRS information..
- Automated discovery and association. Using native vSphere APIs, Nimsoft Monitor can automatically discover and associate VMware ESX and ESXi hosts and their guest OSs.
- Automatic configuration and application of monitoring. Nimsoft Monitor enables administrators to develop monitoring templates that support the automated configuration and deployment of monitoring. With Nimsoft Monitor, administrators can configure templates based on such VMware guest parameters as host name, IP address, and MAC address.

- Automated updates of displays and reports. Nimsoft Monitor for VMware offers out-of-the-box reports and portlets specific to VMware environments. Nimsoft Monitor for VMware offers templates that can automatically populate information for VM guests as they come online, and to display the status of VM host resources and associated VM guest resources. Nimsoft Monitor offers complete support for vSphere metrics, including resource pools, and extended host and VM resource information.

### VMware Metrics Collected by Nimsoft Monitor

Nimsoft Monitor provides a variety of metrics on VMware including the state of systems, power, memory, network, network devices, disks, events, CPU utilization, reserved CPU, vCenter Server, end-user response time, sensor health, and resource status.





## The Nimsoft Monitor Advantage

Nimsoft Monitor for VMware offers the automation that makes it practical to monitor VMware environments. Consequently, customers can minimize the administrative effort required to monitor VMware and associated environments, while ensuring administrators get the meaningful monitoring information they need.

Nimsoft offers a comprehensive range of solutions, all built on a Unified Monitoring architecture with these capabilities:

- **Unified view of the entire data center and the cloud.** VMware environments represent an interrelated ecosystem, and business services rely on every layer and subsystem to perform optimally. To monitor these environments effectively, administrators need a unified, cohesive view of the entire environment. Nimsoft Monitor family of solutions is built on a unified architecture that enables monitoring of network devices,

hardware, virtualization components, applications, and end user response. In addition, Nimsoft Monitor can monitor externally hosted cloud deployments, and converged infrastructure packages like Vblock. As a result, with Nimsoft Monitor, administrators can effectively monitor any environment that supports a business service.

- **Track and communicate value of IT and virtualization.** To understand and communicate the business value of VMware environments, IT needs to be able to track resource usage by groups and applications. Nimsoft Monitor platform enables IT teams to accurately track, and report on, the usage, cost, and value of the virtualized infrastructure.
- **Broad monitoring integration.** Given the vital role it plays in VMware environments, monitoring needs to be fully integrated with existing systems and processes, including management, reporting,

security, and more. Nimsoft Monitor platform offers flexible APIs and customization capabilities that enable organizations to maximize integration across all layers of monitoring, including data, message bus, operations, and presentation layer. With Nimsoft Monitor, event and threshold data can be shared through direct integration with SMS, email, service desk, and CMDB applications. In addition, Nimsoft Monitor features software development kits (SDKs) in several programming languages—including Perl, C/C++, VB/VB script, .NET, and Lua—that enable efficient development of custom data collectors.

### About Nimsoft

Nimsoft is a global leader in IT Management-as-a-Service. The company's lightweight ITMaaS solutions make it easy for enterprises and service providers to implement comprehensive, adaptable monitoring and service desk capabilities essential for managing today's dynamic computing environments. Learn more at [www.nimsoft.com](http://www.nimsoft.com).

#### North America Headquarters

U.S. toll free:  
1 877 SLA MGMT (752  
6468) 1 408 796 3400

Email: [info@nimsoft.com](mailto:info@nimsoft.com)  
Web: [www.nimsoft.com](http://www.nimsoft.com)

#### United Kingdom

+44 (0) 845 456 7091

#### Norway & Northern Europe

+47 22 62 71 60

#### Germany

+49 (0)89 - 99 61 90 60

#### Australia

+61 (0)2 9236 7216

#### Brazil

+5511 5503 6243

#### Mexico City

+52 (55) 5387 5406

#### Singapore

+65 64328600

#### New Delhi

+(91 11) 6656 6667

#### Mumbai

+(91 22) 66413800