

# Veeam nworks Management Pack for VMware

## SOLUTION

Developed in close collaboration with Microsoft, the Veeam nworks Management Pack provides scalable, fault-tolerant and agentless VMware infrastructure monitoring and management directly in Microsoft System Center, eliminating the need for a separate monitoring framework.

*“With the Veeam nworks MP, we have a finely tuned IT environment, resulting in fewer performance-related issues. When an issue does arise, we receive an alert from the MP and resolve it quickly.”*

Jeff Pardi  
Manager  
Enterprise Data Services  
Albany International LLC

*“Veeam provides an incredibly easy way for enterprises to manage their VMware implementations via Microsoft System Center Operations Manager.”*

Chuck Eames  
Senior Technical Consultant  
Convergent Computing

## VMware Monitoring with Microsoft® System Center

Protect your investments in Microsoft® System Center and manage your physical and virtual environment from one console with the Veeam nworks Management Pack™ for VMware. The nworks MP fully integrates with Microsoft System Center, providing a unified view of your physical servers, virtual servers and applications—and enabling you to use System Center Operations Manager as your single management interface.

### Situation

In the rush to reap the benefits of virtualization, many organizations have not integrated VMware into their standard IT practices and procedures. Instead, the new technology is being managed as a separate entity. While this might be acceptable in the short term, the limitations of this approach are becoming apparent. For example, organizations no longer have full visibility of applications and services, and the network operations center (NOC) can't provide 24x7 support for VMware like they do for the rest of the IT infrastructure.

As a result, some organizations have put a moratorium on further virtualization—a situation commonly referred to as “VM stall.” To get things moving again, organizations need a way to bring VMware into System Center. Some consider deploying a separate monitoring framework for VMware and then connecting it to System Center, but this approach undermines efforts to standardize on System Center and introduces unnecessary expense.

### Solution

To protect investments and maintain the integrity of processes and policies built around System Center, a native System Center solution for VMware is needed—one that fully leverages System Center while bringing deep VMware domain expertise to the Operations Manager console. The nworks MP does both.

### Enterprise strength

The nworks MP provides continuous monitoring of enterprise VMware environments. It features a centrally managed, distributed architecture for horizontal “no limits” scalability and automatic failover and load balancing for high availability. Optimized, user-configurable data collection and publication methods and use of highly advanced features of Operations Manager deliver maximum information with minimal overhead.

## MICROSOFT AND VEEAM

Veeam is a Microsoft Gold Certified Partner, a member of the System Center Alliance, and 2010 Microsoft Partner of the Year finalist for Systems Management. Veeam is also a proud member of the Microsoft Technology Center (MTC) Alliance program. The nworks MP is listed in Microsoft's Pinpoint System Center Marketplace, signifying that it has passed Microsoft's MP best practice analysis and guidelines.



## TECHNOLOGIES USED

- Microsoft System Center Operations Manager 2007 R2
- Microsoft System Center Operations Manager 2007 SP1
- Microsoft Operations Manager 2005 SP1
- Microsoft System Center Virtual Machine Manager 2008 R2

## PLATFORMS SUPPORTED

- vCenter Server 4.x  
Virtual Center Server 2.x
- ESX 3.x and 4.x  
ESXi 3.5 and 4.x

## FOR MORE INFORMATION

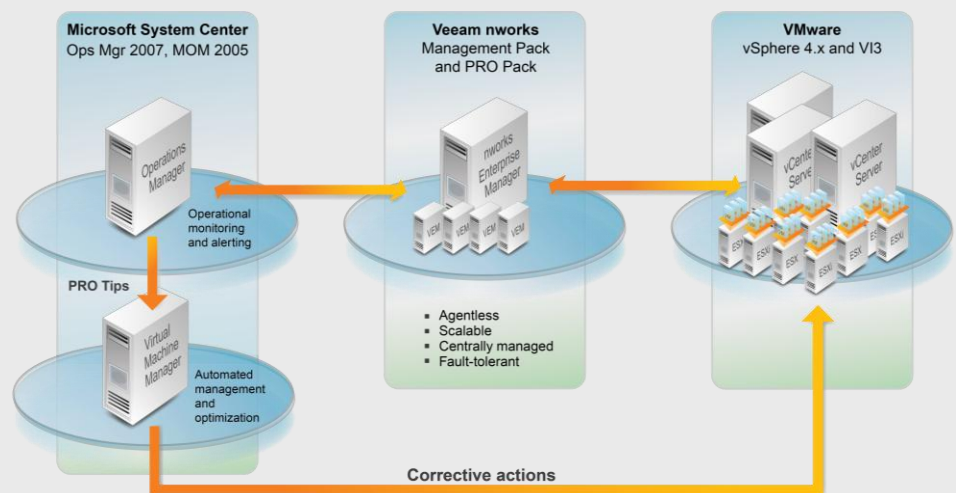
Visit [veeam.com](http://veeam.com) or contact your Veeam representative.

## Complete integration

The nworks MP integrates fully with both VMware and System Center. It enables all System Center functionality— alerts, topology diagrams, dashboards, reporting, auditing, notifications, responses and automation—for all VMware components. It provides a detailed VMware health model, including metrics such as memory pressure and disk IOPS that are only available from Veeam. The nworks MP also includes a comprehensive knowledge base that serves as your VMware “expert in a box.” While the nworks MP itself collects VMware data agentlessly, it also fully integrates data from Operations Manager agents running inside virtual machines— providing full end-to-end visibility of virtualized applications and services. The nworks MP is verified by VMware as VMware Ready and is listed in the Microsoft Pinpoint catalog.

## Proven architecture

The nworks MP has proven itself in more than 700 deployments worldwide. It's a scalable, reliable and mature solution that performs well with both VMware and System Center.



*The nworks MP provides scalable, fault-tolerant and agentless VMware infrastructure monitoring directly in System Center Operations Manager. The nworks PRO Pack (included with the nworks MP at no charge) automates performance optimization for VMware using System Center Virtual Machine Manager.*

## Benefits

### Protect your investments in System Center

- Preserve the integrity of your unified Operations Manager console
- Maintain compliance with established IT policies and practices

### Unify physical and virtual on one console

- Enable a complete view of the entire IT infrastructure—physical and virtual
- Identify the root cause of any problem and escalate it to the correct team
- Speed problem resolution, minimize user impact and meet SLAs

### Eliminate costs of additional monitoring frameworks

- Avoid the expense of deploying, integrating and maintaining another monitoring framework
- Leverage your existing System Center expertise
- Empower operators to monitor VMware with the tool they already know