solarwinds

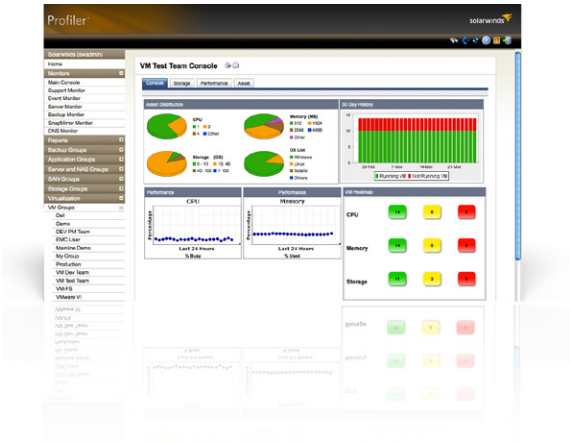
Virtual & Server Profiler

SERVER & VIRTUAL INFRASTRUCTURE MANAGEMENT, THE SOLARWINDS WAY

Are you managing in the dark? It's time to shine a bright light on a shadowy corner of your IT infrastructure!

SUPPORTED PLATFORMS:

- VMware® ESX, ESXi, vSphere
- HP-UX
- IBM® AIX®
- Linux®
- Windows®
- Sun® Solaris™



Server virtualization can dramatically improve the efficiency and availability of hardware resources and applications. But as operating systems and applications are decoupled from the network, physical servers, and storage devices, it becomes more and more difficult to monitor, troubleshoot, and manage your IT infrastructure from end to end.

To achieve control, you need to eliminate the blind spots resulting from virtualization. Virtual & Server Profiler gives you complete visibility into physical server performance, along with VMware® cluster, host, and virtual machine performance — all through a single pane of glass.

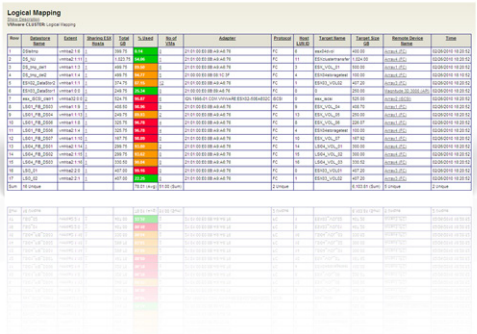
When combined with the power of Storage Profiler, Virtual & Server Profiler maps physical and logical storage to the guest OS, applications, and virtualized environment, making it easy to keep an eye on your entire IT environment — from applications and logical connections to the actual physical infrastructure of the storage array. Virtual & Server Profiler even simplifies server consolidation and capacity planning.

Virtual & Server Profiler Highlights:

- **Automatically maps applications and logical connections to the physical infrastructure**
- **Delivers at-a-glance insight** into the end-to-end health of your physical and virtual infrastructure
- **Provides real-time, agentless VMware performance monitoring**
- **Generates policy-based alerts** on status and usage thresholds
- **Decreases support, capital, and utility costs** by reducing physical server and VM sprawl
- **Supports physical server consolidation** and recovery of virtual instances that are no longer needed or in use
- **Delivers server and VMware capacity planning and forecasting data**
- **Helps eliminate costly downtime** by preventing you from exceeding storage capacity
- **Provides hundreds of pre-defined and customizable reports** (capturing real-time, historical, and trending data)
- **Performs complete file analysis and data classification**
- **Automates management of unused, non-critical, or duplicate data** (delete, move, copy, or archive)
- **Optimizes application performance** by making more efficient use of disk space
- **Simplifies identification of virtualization candidates**

Virtual & Server Profiler Features

End-to-End Mapping



While virtualization adds flexibility and mobility to server resources, it also increases the complexity of the environment in which the technology lives. Management complexity also grows as software and applications are decoupled from physical servers. For example, how do you map applications and logical connections to the actual physical infrastructure when an application is running on one physical server today and on a different one next week?

Virtual & Server Profiler integrates with Storage Profiler to solve this problem. Together, the products map physical and logical storage to the guest OS, applications, and virtualized infrastructure, delivering a full view into:

- Virtual machine guests
- VMware® ESX hosts or any other physical server
- VMware ESX datastores
- HBAs on VMware ESX servers
- Fibre Channel switches
- Storage

Automated Virtual & Server Capacity Planning

Are you maintaining VMware hosts and virtual machines that aren't being fully utilized? How about physical servers? If so, your support, capital, and utility costs are probably inflated. Don't worry — you aren't alone. VM and server sprawl is a common, costly problem that has spiraled out of control as the cost of hardware has decreased and the tendency to virtualize has increased.

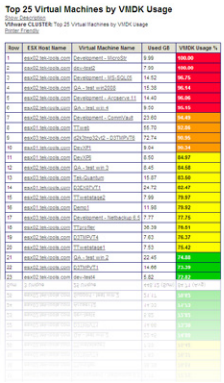
But controlling VM and server sprawl is difficult when you don't have full visibility into the relationship between elements in the infrastructure and their capacity. For example, in an environment with no virtualization, an array LUN is mapped to a physical server, and then carved into logical volumes for use by the operating system. The array can only see the LUN; it can't see the size or usage of the logical volumes. On a VMware ESX® host, you encounter the same visibility issue. When the storage of the VM host is allocated to a guest, the VM host can't see the size or usage of the logical volumes of the guest. When you put the two together, you have two layers where storage is mapped, but not seen, from the higher layer.

By providing visibility into both physical and virtual environments, Virtual & Server Profiler helps reduce both physical server and VM sprawl. Virtual & Server Profiler provides modeling scenarios that demonstrate how adding another virtual machine would impact CPU utilization so that you can make informed decisions regarding the capacity of your hardware resources. With Profiler's comprehensive views into physical and virtual resources, you can control sprawl through physical server consolidation and by recovering instances that aren't needed anymore.

MODEL	MANAGES:
VL10	Up to 10 physical or virtual servers
VL25	Up to 25 physical or virtual servers
VL50	Up to 50 physical or virtual servers
VL100	Up to 100 physical or virtual servers
VLX	Unlimited physical or virtual servers

Performance Monitoring & Reporting

Do you need at-a-glance insight into VMware® cluster, host, and virtual machine performance and the resulting impact on both your physical and virtual infrastructure? Virtual & Server Profiler delivers with its powerful performance monitoring, alerting, and reporting capabilities. Through a single pane of glass, you can view real-time monitoring data from both your virtual and server environment.



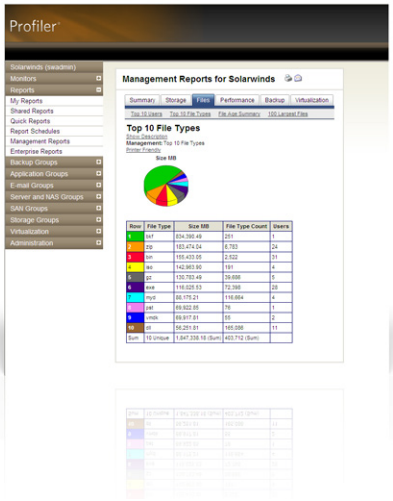
Set traps, thresholds, alerts, and filters, and then specify automatic notification processes. Getting a comprehensive view into your physical and virtual infrastructure has never been easier!

Profiler's agentless poller collects and stores virtual machine performance data in a central repository used by hundreds of real-time and historical reports. Reporting is location-independent and available from any web browser. Generate reports on status, performance, and storage to get full visibility into your heterogeneous environment—in literally seconds! An easy-to-use reporting wizard simplifies report customization and automates report generation and delivery.

Virtual & Server Profiler also supports sophisticated forecasting and trending. With a just a few mouse clicks, you can look at trend lines for hundreds of monitored performance values, for intervals ranging from minutes up to twelve months.

Data Classification

Virtual & Server Profiler performs detailed file analysis and data classification. From a file-level perspective, Profiler categorizes files based on type, age, last date of access, last modified, and user. This classification provides a baseline for archiving or deleting non-critical data.



While data classification identifies non-critical data, Profiler's built-in policy engine enables you to define automated actions, such as deleting, moving, copying, or archiving files — which means you can manage your files and data without ever lifting a finger! Additionally, the policy engine can even automatically execute scripts based on triggers or rules. Simplify your file management today with Profiler!

Other Profiler Products:

- Storage Profiler
- Backup Profiler

SYSTEM REQUIREMENTS	
HARDWARE	**MINIMUM REQUIREMENTS**
Memory	2 GB
Hard Drive	50 GB
SOFTWARE	**MINIMUM REQUIREMENTS**
Operating System	Windows® 2003/2008 (32 & 64 bit); Redhat® Linux® or SUSE™; Solaris™ 10
Console	Internet Explorer®, Mozilla® Firefox®
NOTE: The requirements listed above are recommendations that vary depending on each network configuration and server load.	

For additional information, please contact SolarWinds at 866.530.8100 or e-mail sales@solarwinds.com.
To locate an international reseller near you, visit www.solarwinds.com/distributor/locator.html