



— Stadtwerke Schwäbisch Hall —

The community owned power company provides electricity, natural gas, heat and water for the city



The Need For IT Monitoring

Needed a scalable monitoring solution to monitor their entire IT infrastructure of 300 virtual servers, 33 blade servers and 30 physical servers. Required a monitoring solution which included all the necessary core services that display utilization values and detect problems at an early stage to prevent failures due to pro-active intervention.



Why Opsview?

Opsview offers advanced functionality, multiple system integrations and scalability. On top of this Opsview were able to monitor and manage the entire IT infrastructure in a single dashboard. Using Auto-discovery, Stadtwerke Schwäbisch Hall could easily integrate network devices, servers, data storage, printers.



Deployment and Result

Stadtwerke Schwäbisch Hall today use Opsview Enterprise to monitor and manage their entire IT infrastructure in a single dashboard. Employees and system administrators who do not have special monitoring skills can easily integrate devices and define checks based on jurisdictions set within system.

About

Since 1971, Stadtwerke Schwäbisch Hall has been trading as a limited liability company with the sole shareholder being the city of Schwäbisch Hall. The community owned power company provides electricity, natural gas, heat and water for the city and adjacent communities.

Various technical services are also offered by Stadtwerke Schwäbisch Hall. These include network management and system monitoring, power plant optimization and heating, contracting and meter readings. In the 24-hour manned control room, data from approximately 150,000 data points and around 700 systems are monitored.



Industry: Utilities
Location: Schwäbisch Hall, Germany
Employees: 485



The Need for Opsview

Looking for a scalable monitoring solution to monitor their entire IT infrastructure Stadtwerke Schwäbisch Hall tried out Nagios, the free version of Opsview and Icinga. However, none of these tools could completely fulfil their requirement profile.

According to Mark Käpplinger, IT manager at Stadtwerke Schwäbisch Hall: "As an energy provider and energy industry service provider we have extensive requirements for an IT monitoring solution. Our data centre comprises of approx 300 virtual servers, 33 blade servers and 30 physical servers. In addition to these numerous field offices need to be monitored and managed with servers, data storage devices, printers, networks and fibre channels. At the data centre there are also a total of approx. 60 customers connected via VPN using the various service benefits of Stadtwerke Schwäbisch Hall."

Why Opsview?

With the purchase of a new data centre, it was decided to use the existing Opsview installation but to upgrade to the licensed version of Opsview Enterprise. Besides the possibility to use the advanced Nagios Core functionality, additional systems could be quickly integrated and new dependencies mapped. Scalability was important in view of future extensions, such as the integration of video systems in parking garages, gates, ticket machines, turnstiles and lockers.

Stadtwerke Schwäbisch Hall required a monitoring solution which included all the necessary core services that display utilization values and detect problems at an early stage to prevent failures due to pro-active intervention. Query automation and simple integration of new devices were also high on their priority list.

Furthermore the network control centres of the power plants are unmanned from 6pm and monitored via the data centre at Stadtwerke Schwäbisch Hall. Monitoring of clients connected via VPN was therefore a critical issue and all access needed to be traceable and secure.

Mario Hochhaus, Group Manager KFM. IT at Stadtwerke Schwäbisch Hall said "With the amount of network devices, it was very time consuming and resource intensive to set up with the free tools and check for each device and configure separately. With Opsview, we can define and check once and then use it multiple times. The Network Scanner detects new equipment, auto discovering the equipment and placing it into a template for quick monitoring.



Deployment and Result

Stadtwerke Schwäbisch Hall today use Opsview Enterprise to monitor and manage their entire IT infrastructure in a single dashboard.

Using the Auto-discovery function Stadtwerke Schwäbisch Hall can easily integrate network devices, servers, data storage, printers, etc. These can then be monitored as individual devices or as groups of devices. In addition to the associated time savings it also protects the personnel resources of the company. Plus employees and system administrators who do not have special monitoring skills can easily integrate devices and define checks based on jurisdictions set within system.

The cluster monitoring in virtual environments is greatly simplified by the use of the Opsview monitoring Packs for VMware. With Auto-discovery, ESXi hosts are automatically determined and then tested again using VMware scan. Thus, the virtual machines are quickly identified and can be rapidly taken up into monitoring with templates included out-of-the box in Opsview.



Mario Hochhaus was also impressed with the smooth installation of updates. "If one reviews the processes in detail as described in the Opsview documentation wiki before the update, and then performs it step-by-step, it is very easy to update it yourself. Using the documentation we were able to easily optimize the Reporting services and it's performance".

Stadtwerke Schwäbisch Hall is completely satisfied with their decision to upgrade to Opsview Enterprise. "We are pleased with the new version and other functionalities of the solution," said Mario Hochhaus.



About Opsview

Opsview makes it easier for sysadmins to do their jobs by offering comprehensive and customizable systems monitoring. The Opsview platform enables sysadmins to easily monitor the complex enterprise IT environments that support critical business services, with native support for more than 3,500 technology plugins and integrations with IT operations tools. Highly configurable dashboards allow sysadmins to effectively visualize and report on the health of their IT infrastructure, enabling proactive maintenance. Opsview is trusted by hundreds of businesses, government organizations and managed service providers globally. Customers include MIT, Sky, Cisco, IBM, Telefónica, Daimler, British Telecom, Fujitsu, AXA and VMware.

Try Opsview at www.opsview.com

