



Massachusetts Institute of Technology

MIT has five schools and one college, containing a total of 32 academic departments



The Need For IT Monitoring

MIT has a complex infrastructure environment comprising of approximately 2500 servers across three data centers in the Boston metropolitan area. MIT had previously used in-house developed monitoring tools based on Nagios. The scale of the environment was starting to reach the limits of the Nagios platform and MIT needed to find a way to take its Nagios investment to the next level.

Why Opsview?

MIT selected Opsview primarily due to its scalability and the ease of migration from Nagios. Since Opsview is built on the open source Nagios platform, it allowed MIT to utilize all their existing monitoring infrastructure but with enhanced functionality, thanks to Opsview's out-of-the-box service checks, configurable dashboards and reporting features.

Deployment and Result

The significant number of service checks running under Nagios was causing delays to notifications. Opsview has allowed MIT to distribute its workload across multiple servers to greatly improve notification times and performance, allowing the team to be more proactive in preventing outage. Opsview has greatly improved the monitoring and reporting at MIT.

About

The Massachusetts Institute of Technology (MIT) is a private research university in Cambridge, Massachusetts, USA. MIT has five schools and one college, containing a total of 32 academic departments, with a strong emphasis on scientific, engineering, and technological education and research. MIT's Associate Director of Operations and Infrastructure, Mark Silis, heads up the team responsible for the technologies to enable delivery of service and maintenance of communications at the university. This includes developing key IT projects on campus and at MIT's data centers, server and system administration, virtualization, networks, and security.



Industry: Education
Location: Massachusetts, US
Employees: 1,000-5,000



Why Opsview?

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"Opsview leverages the open source Nagios platform and that allowed us to utilize our existing investment in Nagios monitoring plugins and configuration management and easily migrate to the Opsview platform."

Mark Silas, Associate Director of Operations and Infrastructure at MIT

The Deployment

The significant number of service checks running under Nagios was causing delays to notifications. Opsview has allowed MIT to distribute its workload across multiple servers to greatly improve notification times and performance, allowing the team to be more proactive in preventing outages. Opsview has given MIT the new capability to see the overall health and performance of the infrastructure in a single pane of glass.

A Single Pane of Glass - "Reporting and configuration management have been one of the more complex issues we were facing, and Opsview provides some wonderful dashboards and reports that are incredibly valuable in providing a macro level view of the overall infrastructure's health and performance."

Mark Silas, Associate Director of Operations and Infrastructure at MIT



The Result

Opsview has greatly improved the monitoring and reporting of the MIT infrastructure environment. It has replaced the previous Nagios monitoring system, and the configuration management system that was developed internally for the Nagios environment.

Opsview provides improved performance and functionality while reducing the risk of using custom tools and protecting MIT's existing investment.



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.

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