Co-Location Company Implements SolarWinds Solutions for End-to-End Network Management Solution

"SolarWinds solutions are great because they are easy to install and easy to use. We didn't have to pay for hours and hours of training to use them or to deploy them."

— Gerald Sherrill,
Operations Manager
FiberCloud

Abstract

FiberCloud, Inc., a multi-site co-location company, solved its network management and network monitoring challenges by implementing products from all three SolarWinds product lines. From network discovery and real-time reporting to monitoring multi-vendor devices and automating nightly backups, SolarWinds products are the cornerstone of FiberCloud's network management framework.

Business Problem

FiberCloud, a wholly-owned subsidiary of Whidbey Telecom, provides businesses with secure and reliable colocation, high-speed Internet connectivity, and related services. FiberCloud facilities provide optimal network speeds by utilizing multiple Tier 1 connections to the Internet backbone, with redundant network routers and fiber connectivity ensuring reliable data transfers. With multiple data centers, FiberCloud offers a superior level of convenience, reliability, and survivability.

FiberCloud's Class A Data Centers, located in Bellingham, Everett and Seattle, Wash., provide a regional footprint for the safe, secure and connected environment businesses require for critical data and network operations. These top-quality facilities provide multiple layers of security, including computer-programmed key entry, biometric scanning, and closed circuit video surveillance, as well as state-of-the art fire detection and suppression systems. To ensure maximum uptime, FiberCloud Data Centers include multiple fiber connections through multiple providers, dual HVAC units, backup UPS and generator and redundant routing equipment configurations.

Because network health, automated backups and network availability are crucial for the day-to-day operations at FiberCloud, the company needed a comprehensive network management solution that would perform network diagnostics, configuration management and network monitoring capabilities.

Network Management Challenge

Not only does the company require cutting-edge network management and monitoring solutions for internal use, but the company also extends network monitoring capabilities to its customers.

For this reason, FiberCloud needed a vendor that could provide solutions to perform comprehensive network diagnostics, network monitoring and network management capabilities at a reasonable price without requiring hours and hours for deployment, training and maintenance. In addition, the solutions had to allow for compatibility with various network topologies and multi-vendor devices.

Toolsets:

- Engineer's Toolset
- Professional Plus Toolset
- Professional Toolset
- Standard Toolset

Cirrus Models:

- SL50: monitors up to 50 nodes
- SL100: monitors up to 100 nodes
- SL200: monitors up to 200 nodes
- SL500: monitors up to 500 nodes

Orion Models:

- SL100: monitors up to 100 elements
- SL250: monitors up to 250 elements
- SL500: monitors up to 500 elements
- SL2000: monitors up to 2000 elements
- SLX: monitors unlimited elements*

Call 866.530.8100 for more information.

For additional information, please contact SolarWinds at 866.530.8100 or visit us online at http:///www.solarwinds.net.

To locate an International reseller near you, visit http://www.solarwinds.net/distributor/locator.htm

Solution Requirements:
* Provide real-time statistics and availability of their network
* Allow multiple users to log-in and view statistics based on permissions set by FiberCloud
* Monitor, collect and analyze data from routers, switches, firewalls, load balancers, etc.
* Recieve alerts and notifications about network issues via mobile devices.
* Perform automated, scheduled backups

SOLUTION

FiberCloud chose to implement products from all three SolarWinds product lines — Engineer's Toolset, Cirrus Configuration Manager and Orion Network Performance Monitor.

Engineer's Toolset enables FiberCloud network engineers to perform extensive network analysis and network diagnostics directly from their desktop. Specifically, FiberCloud relies on the Network Performance Monitor found in Engineer's Toolset for quick views of network statistics. FiberCloud also uses the DNS Audit feature to inventory IP Addresses and the Real-Time Bandwidth Guage feature to see what the traffic load is on any interface for any network device at any location in seconds.

Cirrus allows FiberCloud engineeers to perform automated nightly, weekly and monthly backups. The solution also allows engineers to accomplish bulk configuration changes from a central location — no more logging into individual devices to perform changes. Cirrus' automation capabilities reduce the amount of time FiberCloud network engineers spend on mundane network tasks, allowing them to focus on business-critical network projects.

Orion enables FiberCloud engineers to view the real-time statistics and availability of their network from any Web browser. Orion's ability to send network issue alerts to virtually any mobile device is key to FiberCloud engineers. FiberCloud can also set up individual accounts with various permissions for customers to view from any Web browser with a simple log-in and password combination.

BUSINESS RESULTS

By implementing products from all three SolarWinds product lines, FiberCloud is reaping the benefits of an end-to-end network solution. All three product lines are easy-to-install, easy-to-use and require little to no specialized training, helping FiberCloud realize an immediate impact to their bottom line. From network discovery and real-time reporting to monitoring multi-vendor devices and automating nightly backups, SolarWinds products are the cornerstone of FiberCloud's network management framework.

These solutions also:

* Provide real-time statistics and availability of their network
* Perform automated, scheduled backups
* Monitor, collect and analyze data from routers, switches, firewalls, load balancers, etc.
* Recieve alerts and notifications about network issues via mobile devices