

Cisco Firewall Deployment at Scientific-Atlanta Headquarters

Deployment increases network security, reliability, and availability

BUSINESS BENEFITS

- Outstanding performance
- Deep packet inspection
- Transparent mode support
- Multiple-context mode support
- Integration with Cisco global network
- Low total cost of ownership

"The failover capability of the FWSM is almost instantaneous. We could lose several ports in the primary module and never notice it because the transition to back up occurs so quickly."

—Kelly Alexander, Network Architect,
Cisco Information Security Group

The acquisition of Scientific-Atlanta by Cisco necessitated the migration to Cisco® networking equipment at the company's headquarter campus to conform with and provide full integration with the Cisco worldwide network. Scientific-Atlanta had been relying on firewall products from a non-Cisco vendor. These firewalls were nearing their end of life, after which point the vendor would no longer provide support.

To ensure a high level of security, reliability, and availability, Cisco IT implemented Cisco Catalyst® 6500 Series switches with Cisco Firewall Service Modules (FWSMs).

Deployed in high-availability pairs, the switches and firewalls provide failover capabilities for superior reliability. The Cisco FWSM is designed to deliver high performance with stateful, deep-packet inspection for added security.

Cisco FWSMs offer exceptional performance and capacity for future growth. By increasing manageability, the FWSMs have also reduced total cost of ownership. The reliability and availability of the FWSMs is far superior to the previous firewall solution, providing nearly instantaneous failover.

The DMZDC firewalls are currently deployed in a routed mode. Once it becomes the Cisco standard, the firewalls will be migrated to Multiple-context Transparent mode, which will provide support for multiple logical firewalls resulting in a high return on investment.

FOR MORE INFORMATION

Case Study: http://www.cisco.com/web/about/ciscoitatwork/case_studies.html

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NOTE

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Americas Headquarters

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883


Asia Pacific Headquarters

Cisco Systems, Inc.
168 Robinson Road
#28-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7799

Europe Headquarters

Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: +31 0 800 020 0791
Fax: +31 0 20 357 1100

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