

▷ SONICWALL CASE STUDY:

## SATELLITE HEALTHCARE, INC.

### The Organization:



Satellite Healthcare, Inc.  
401 Castro Street  
Mountain View, CA 94041  
www.satellitehealth.com

### The Challenge:

Provide end-to-end network protection with secure firewall and VPN connectivity across all sites.

### The SonicWALL Solution:

Two SonicWALL PRO 330 and two SonicWALL PRO 300 Internet security appliances at the central site and close to 100 SonicWALL TELE2, TELE3, TELE3 TZ and SOHO3 firewall/VPN appliances at remote sites. Satellite Healthcare also purchased SonicWALL's Global Management System (GMS) software to manage all SonicWALL appliances.

### The Results:

Satellite Healthcare leverages high performance, low-cost VPN connectivity and ensures the privacy of confidential patient information.

Satellite Healthcare funds a redundant VPN connectivity solution for less than a single firewall and VPN solution from CheckPoint.

Satellite Healthcare saves time and money with easy-to-deploy manageable solutions.

Satellite Healthcare demonstrates commitment to HIPAA compliance.

*"With SonicWALL, we can take advantage of a low-cost VPN to improve communication and productivity across our sites while at the same time ensure HIPAA compliance."*

**Ed Elliott**

Director, Information Systems  
Satellite Healthcare, Inc.

### Satellite Healthcare Ensures Secure Communications and HIPAA Compliance with SonicWALL

The Internet is changing the way healthcare organizations do business – providing a new way to share information quickly and cost-effectively. However, as more medical information is exchanged over the Internet, systems are becoming increasingly vulnerable to unauthorized users.

Faced with the challenge of securing information and maintaining strict levels of patient confidentiality, healthcare organizations like Satellite Healthcare, Inc., are turning to SonicWALL to build an Internet security infrastructure that will secure patient information from breach by outside sources. By deploying SonicWALL's security solutions, Satellite Healthcare is also demonstrating its commitment to comply with the Health Insurance Portability and Accountability Act (HIPAA) aimed at establishing national standards for electronic health care transactions.

### A Strategic Network Security Solution

Established in 1974 to provide dialysis treatment outside a hospital setting and closer to a patient's home, Satellite Healthcare has since expanded to include laboratory services, research initiatives and venture capital. With 100 locations across the United States and an aggressive expansion plan, Satellite Healthcare decided to deploy a broadband-based Virtual Private Network (VPN) to improve communications between sites. But with remote sites transmitting confidential patient information over the Internet, security became a top priority. "By standardizing on SonicWALL as our strategic network security solution, we can easily protect the privacy of our patients' information," explains Ed Elliott, Director of Information Services at Satellite Healthcare.

Satellite Healthcare first deployed SonicWALL in its laboratory and has since expanded the solution to include its dialysis centers. The company has installed a number of SonicWALL firewall/VPN Internet security appliances at remote locations and home offices across its network, with plans to convert close to 100 sites to SonicWALL by year-end. Network Administrators are using SonicWALL's Global Management System software (GMS) to manage all Internet security appliances from one central location.

Satellite Healthcare has also migrated to SonicWALL for its central VPN termination solution, deploying two PRO 330 appliances plus two PRO 300 appliances at its head office. This creates a high availability configuration delivering enterprise-class network security, VPN connectivity and cost-effective redundancy. "By choosing SonicWALL as our total solution for network protection, we are assured the level of performance and manageability we require at a price we can afford," says Elliot.

### Delivering Network Protection

Seeking a solution to improve security at its remote sites, Satellite Healthcare deployed a number of SonicWALL TELE and SOHO firewall/VPN appliances. With 3DES encryption at rates up to 20 Mbps, these appliances provided secure data transmissions over a VPN tunnel, helping protect



# SATELLITE HEALTHCARE, INC.

## Key SonicWALL Benefits:

### Firewalls for Network Protection:

ICSA-certified for reliable protection, SonicWALL's stateful packet inspection firewalls deliver superior performance.

### VPN for Secure Remote Access:

SonicWALL's IPSec-compliant VPN-enabled firewalls deliver fast, secure remote access to network resources.

### Encryption for Secure Remote Access:

SonicWALL appliances offer 3DES encryption for secure data transmissions over a VPN tunnel.

### Global Management System (GMS)

#### Software for Manageability and Reporting:

SonicWALL's GMS Web-based graphical reporting tool enables administrators to manage their networks by turning log data from SonicWALL firewalls into meaningful reports.

### SonicWALL Contacts:

#### Suzanne Shanley

sshanley@sonicwall.com

#### Eric Smith

esmith@sonicwall.com

### Satellite Healthcare, Inc:

#### Mike O'Shea - Information Services

401 Castro Street

Mountain View, CA 94041-2007

www.satellitehealth.com

Phone: (650) 404 3600 ext 3663

electronic information and meet the HIPAA security requirements. Satellite Healthcare also deployed two SonicWALL PRO 300 and PRO 330 Internet security appliances with 3DES encryption rates of 45 Mbps. These appliances were used to terminate each of the VPN connections and ensure that VPN traffic did not burden network performance.

SonicWALL's VPN solutions provide flexible but secure network access by allowing IPSec VPN traffic to pass through any IP network using Network Address Translation (NAT) – a key benefit for Satellite Healthcare. "SonicWALL's NAT support was an important consideration for us because it facilitates secure communication outside our network with key business partners," explains Elliott.

### Reporting Tool Generates Audit Trail

By implementing a single security solution across its network, Satellite Healthcare not only gains a high performance, low cost solution, but also simplifies its auditing process. The company has just started using SonicWALL's Global Management System (GMS) software to centrally manage its firewalls and VPN gateways. This Web-based graphical reporting tool will also help the healthcare provider to meet HIPAA's auditing requirements. "SonicWALL's reporting tool will help us turn log data about firewall attacks, bandwidth usage and user activity into meaningful reports," comments Elliott. "If we are audited, we can easily create profiles that will illustrate our efforts to comply with HIPAA."

### Simple, Cost Effective Solutions

Cost was a key factor in Satellite Healthcare's decision to choose SonicWALL as its strategic Internet security solution. Satellite Healthcare migrated from CheckPoint VPN-1 to SonicWALL's PRO 330 not only for its performance, but also because of its price, which has allowed the company to cost-effectively deploy two PRO 330 and two PRO 300 firewalls at headquarters to ensure redundancy and network availability. "We can invest in a fully redundant, complete security solution from SonicWALL for less than the cost to deploy a single firewall and VPN solution from CheckPoint," explains Elliott.

Ease-of-use was another key selling point. "With an intuitive management interface, administrative wizards and one-click updates, SonicWALL's firewalls and VPN connectivity solutions have enabled us to reduce the time and cost of deployment and ensure that we have the latest and greatest features offered by SonicWALL," notes Elliott.

More importantly, SonicWALL's highly secure solutions allow healthcare providers to move from a traditionally expensive communications network like frame relay to a broadband-based VPN. "With SonicWALL, we can take advantage of a low-cost VPN to improve communication and productivity across our sites while at the same time ensure HIPAA compliance," concludes Elliott.



#### SonicWALL, Inc.

1143 Borregas Avenue

Sunnyvale, CA 94089-1306

T: 408.745.9600

F: 408.745.9300

www.sonicwall.com

© 2003 SonicWALL, Inc. SonicWALL is a registered trademark of SonicWALL, Inc. Other product and company names mentioned herein may be trademarks and/or registered trademarks of their respective companies. Specifications and descriptions subject to change without notice.

CS\_0503\_SATELLITE HEALTHCARE