



HEALTHCARE

**Network and Data Protection for Healthcare**

**SONICWALL**®

**Under Pressure and in Transition**

The healthcare industry has always required specially tailored technology solutions. Lives depend on having reliable technology. With an aging population, changing economics, and new laws potentially affecting the industry, healthcare technologies are under more pressure than ever. Recent governmental changes at both executive and legislative levels may result in new laws that impact Medicare and other healthcare funding, putting a greater emphasis on cost-cutting and productivity across all economic sectors.

Ensuring the security of patient and financial information is one of the key pressures facing healthcare organizations today. With all the confusion and hype around HIPAA (Health Insurance Portability and Accountability Act), many healthcare organizations simply don't know what they need to do. The good news: by implementing a complete SonicWALL security solution, you can transcend the technical requirements of HIPAA and set the foundation for realizing real business benefits.

Healthcare organizations continually look to technology solutions to increase mobility and enhance productivity. Their primary objective: bring information to staff when and where they need it. Whether in front of patients or in the back office, secure access to the right information is crucial to getting the job done. Popular tools include Internet and wireless-enabled Physician Order Entry systems, remote patient-administration applications, browser-based workflow automation applications, wireless handheld devices, and self-service patient portals. By aiding information flow, these solutions improve patient care, worker productivity, employee satisfaction and ultimately increase profitability.

Still, healthcare organizations must remain focused on their first mission: to provide the best possible care for their patients.

*SonicWALL® makes wireless networking secure, simple and cost-effective with the first total security solution to integrate universal 802.11n/b/g wireless with an enterprise-class firewall/VPN gateway.*

*SonicWALL's innovative Distributed Wireless Solution scales to virtually any network deployment, whether you're adding wireless into an existing network infrastructure or creating a new wireless network from the ground up.*



## The New Network Technology Landscape

Networking used to mean bundles of wires strung throughout a building. Today's healthcare network environments may include endpoint computing devices that are fixed-site or mobile, wired or wireless, personally-owned or IT-managed. Network administrators need a flexible solution to address the myriad of security concerns associated with a dynamic and changing network environment.

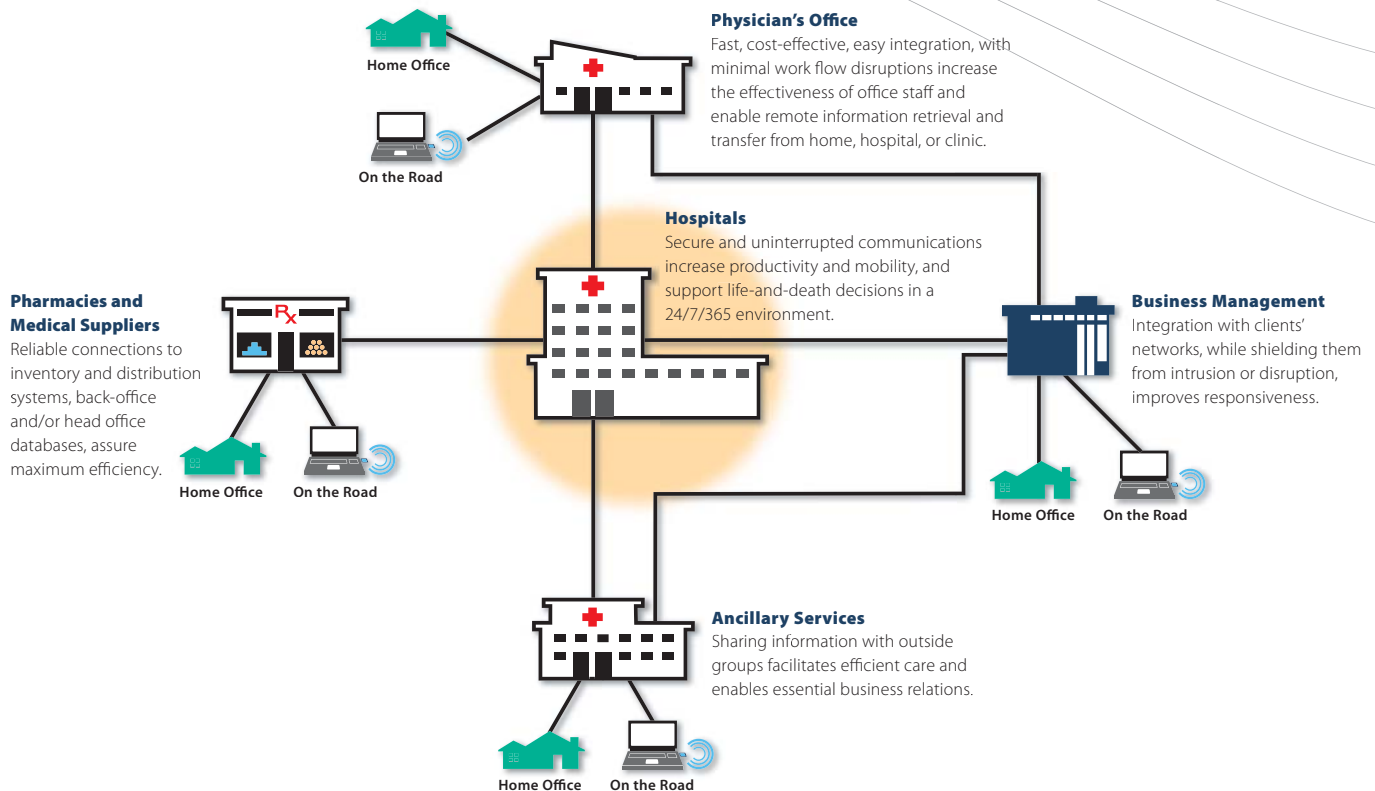
**Digital platforms** broadly describe any healthcare information system—whether it's transmitting written or spoken records, x-ray or sonogram images, or other therapy-related data. Many of these systems run on open operating systems like Microsoft® Windows, putting them at risk from fast spreading worms and viruses. In every case, these systems are linked via a network that can be impacted by seemingly unrelated security issues. An e-mail-borne virus outbreak can slow overall network performance and even infect or destroy data living on your network. Without inspecting and monitoring the data that flows across the entire network, it opens the organization up to attacks that can devastate the business.

**Wireless networking** creates an unprecedented opportunity for healthcare organizations to make information available whenever—and wherever—healthcare professionals need it. However, if a wireless network is not properly secured, it's vulnerable to hackers. In order to take advantage of the mobility and productivity benefits of wireless—and to protect confidential information—a security-based approach to wireless is essential.

**VPNs** (virtual private networks)—a secure, dynamic connection between offices using the Internet—offer all the convenience and ubiquity of the Internet, with the privacy of a dedicated network. Healthcare enterprises securely connect their distributed organizations including major facilities, small offices, and home-based offices in a safe, cost-effective manner—no matter where people or facilities are located. However, VPN connections open new pathways for cyber threats. Without the proper security solutions on both ends of the connection to contain these threats, viruses and other attacks can run rampant.

### What it Means for Individual Organizations

With a proven security-based mobility and productivity solution in place, healthcare organizations empower their staff with the right information at the right time—whether in the office, in the halls, at a home office, or on the road.





### Meeting the Needs of All Networks

SonicWALL offers a range of flexible, easy-to-manage and cost-effective security solutions to help healthcare organizations ensure the security and reliability of their information systems. SonicWALL offers scalable, high-performance, integrated healthcare solutions that deliver superior price-to-performance, and 3DES and AES encryption security beyond HIPAA requirements.

### Network Security/Unified Threat Management

SonicWALL's line of network security appliances are engineered to reduce risk, cost and complexity by integrating automated dynamic security capabilities, high-speed Reassembly-free Deep Packet Inspection™ (RFDPI) and robust Unified Threat Management (UTM) security services.

- **SonicWALL E-Class NSA Series**
- **SonicWALL NSA Series**
- **SonicWALL TZ Series**

### Secure Wireless

SonicWALL Secure Wireless solutions scale to virtually any network deployment, whether to connect patient data entry tablets, inventory scanners, or physician PDAs. Healthcare organizations can add access for guest wireless users quickly and securely. Secure wireless is a total security solution that integrates universal 802.11n/b/g and 3G wireless with an enterprise-class firewall/VPN gateway.

- **SonicWALL TZ 180/TZ 180 Wireless**
- **SonicWALL TZ 190/TZ 190 Wireless**
- **SonicWALL TZ 210/TZ 210 Wireless-N**
- **SonicWALL SonicPoints**

### Secure Remote Access

SonicWALL Secure Remote Access (SRA) solutions offers healthcare organizations and field clinics uninterrupted network access during natural disasters, fires, power outages, or other disruptions. SonicWALL SSL VPNs provide secure remote access portals to mission-critical resources from home offices, labs, field clinics, partner sites or virtually any other endpoint.

- **SonicWALL Aventail E-Class SSL VPN Series**
- **SonicWALL Virtual Assist**
- **SonicWALL SSL VPN SMB Series**

### Email Security

SonicWALL Email Security delivers a powerful framework for driving HIPAA compliance initiatives by intelligently identifying e-mails and attachments that violate compliance policies, providing e-mail monitoring, archiving and reporting and applying multiple policy-based enforcement actions.

- **SonicWALL E-Class Email Security Series**
- **SonicWALL Email Security SMB Series**

### Global Management and Reporting

SonicWALL management and reporting solutions provide distributed healthcare enterprises and service providers with flexible, powerful and intuitive tools to manage anywhere from a few to thousands of remote SonicWALL Internet security appliances, VPN and security services from a central location.

- **SonicWALL E-Class Universal Management Appliance (UMA)**
- **SonicWALL ViewPoint**
- **SonicWALL Global Management System (GMS)**

### SonicWALL Content Security Management

SonicWALL Content Security Manager is an appliance-based gateway security and content filtering solution that integrates real-time gateway anti-virus, anti-spyware and intrusion prevention to deliver maximum network protection from today's sophisticated Internet threats.

### Backup and Recovery

SonicWALL Continuous Data Protection (CDP) offers SMBs end-to-end disk-based backup and flexible disaster recovery options. Low-touch CDP transparently and automatically protects data and applications, while enabling self-directed restoration of files.

- **SonicWALL Continuous Data Protection Series**

For more information on SonicWALL's broad range of simple, cost-effective security solutions designed to improve network efficiency for healthcare organizations, please visit our Web site at [www.sonicwall.com](http://www.sonicwall.com).

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