

### **The Organization**

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This case study highlights the deployment of a SonicWALL® E-Class Network Security Appliance (NSA) E5500 and a SonicWALL TZ 170 gateway firewall appliance at McHenry Savings Bank, a full service financial institution with a complete line of deposit and loan products serving the banking needs of the residents of McHenry County, Illinois, since 1955.

SonicWALL spoke with Bryan Nash, Senior Vice President of IT for McHenry Savings Bank, about the challenges he faces in providing his organization with network security, and how his organization has integrated SonicWALL E-Class NSA E5500 and TZ appliances into a comprehensive banking network security solution.

**Q.: *How is your banking network configured?***

**A.:** McHenry Savings is a community bank. Aside from our main branch, we have five other branches within a thirty-mile radius. We've deployed two NSA E5500s, with one at the main branch and one offsite. The E5500 serves our online banking customers for check and statement image rendering, our remote deposit for our commercial customers, and e-mail servers for employee remote access. We also have a dozen TZ 170s deployed throughout the network for both UTM security and point-to-point VPN connections.

**Q.: *How have you liked the performance of the E5500?***

**A.:** The NSA gave us all of the throughput we wanted. Even when we turn on all the security functions, including Gateway Anti-Virus and Intrusion Prevention, we see no degradation in network speed, and no hiccups.

**Q.: *Can you give us an example?***

**A.:** Sure. We work with the school district payroll and were having problems receiving their e-mail. I was able to set up some trap logging, and was able to figure out the problem in real time. The IPS was able to take all the data being thrown at it and not make me wait for a refresh to see results.

**Q.: *How has your SonicWALL solution helped you comply with banking regulations?***

**A.:** In particular, we use the SonicWALL Gateway Security Suite to help us meet Federal Financial Institutions Examination Council (FFIEC) standards.

**Q.: *How have you configured your point-to-point VPNs?***

**A.:** All of our branches have point-to-point T1. If one T1 goes down, we re-route our tunneling through the SonicWALL VPN. So it gives us an inexpensive way of having a fallback circuit.

**Q.: *How else has your SonicWALL solution reduced costs?***

**A.:** We use the TZ to VPN back to our NSA E5500 over an inexpensive DSL or cable modem, which works very well and keeps costs to a minimum. SonicWALL also helped us save a considerable amount of money in running our ATMs.

## McHenry Savings Bank Case Study

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—Bryan Nash  
Senior VP of IT  
McHenry Savings Bank

### **Q.: In what way?**

**A.:** Traditionally, we had to pay additional fees to a third party provider to transfer ATM traffic back over a slow dial-up connection. With SonicWALL, we were able to send ATM data securely over the VPN and eliminate the third-party communications fee. That saved us over \$30,000.

### **Q.: Had you previously considered alternative solutions?**

**A.:** We tried a Check Point® solution, but it was just too costly to maintain. SonicWALL gave us more security and we offset its cost in savings after the first year.

### **Q.: What has it been like working with SonicWALL?**

**A.:** We take security very seriously, and so does SonicWALL. For example, we wanted to only allow VPN traffic to the Federal Reserve Bank using certain ports. Your engineers not only made it work for us, but then also enabled the Federal Reserve to help other banks that wanted do the same thing.

## **Case Study Solution Spotlight**

### **The SonicWALL NSA E5500**

The SonicWALL E-Class Network Security Appliance (NSA) E5500 is a high-performance, multi-service network security platform engineered to be the workhorse of the enterprise network environment. Taking advantage of SonicWALL's Reassembly-free Deep Packet Inspection™ engine and an 8-core processor technology providing parallel traffic processing, the NSA E5500 delivers exceptional deep packet inspection performance for the enterprise network environment. The NSA E5500 comes standard with eight gigabit copper Ethernet ports for deployment flexibility and includes a management LCD screen for ease of deployment.

### **The SonicWALL TZ Series**

The SonicWALL TZ Series is a total security platform for home, small, remote and branch offices. The TZ Series delivers industry leading Unified Threat Management (UTM) network protection services to detect and remove threats. The TZ Series provides unparalleled throughput performance, cost-effective yet uncompromising UTM security, high speed IPSec and SSL VPN, and optional 802.11b/g/n wireless and 3G wireless broadband.

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