

### **The Organization**

Muscular Dystrophy Campaign  
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### **The Challenge**

- Open up the Internet to an internal Web server whilst maintaining an adequate level of protection
- Separate the Web server from the rest of the network ensuring that traffic moving between the zones is inspected
- Support current requirements as well as be able to cost-effectively expand to support future requirement

### **The SonicWALL Solution**

- SonicWALL NSA 3500 next generation Unified Threat Management firewall
- SonicWALL Comprehensive Gateway Security Suite (CGSS) featuring Gateway Anti-Virus, Anti-Spyware, Intrusion prevention and Application Firewall
- SonicWALL Clean Wireless protection

### **The Results**

- Secure Internet access for internal users
- Integration between external Web servers and the internal fund raising database
- Centrally managed wireless solution

Founded in 1959 to help families and children living with muscular dystrophy, the Muscular Dystrophy Campaign® continues to lead the fight against muscle disease. The Muscular Dystrophy Campaign provides free practical and emotional support; funds world-class research to find effective treatments and cures; campaigns to raise awareness and bring about change; and awards grants towards the cost of specialist equipment, such as powered wheelchairs.

Recently, the Muscular Dystrophy Campaign launched a project to enable real-time integration between its Web sites and its back-end fundraising database. The project is part of an initiative to improve the quality of fundraising activities across all teams and deliver increased net income run rate by 90% over three years.

### **The challenge: Integrated fundraising through enhanced in-house Web capabilities**

The Muscular Dystrophy Campaign's infrastructure incorporates a Microsoft® Windows Domain supporting 100 users. The organisation has an in-house IT team that deals with the day-to-day administration of the network and outsources the preventative maintenance and monitoring of the servers and implementation of IT projects to its IT Partner, CETSAT Ltd.

The Muscular Dystrophy Campaign needed to connect its back-end fundraising database with its Web site, which is hosted externally by another partner where donations can be made.

"Our aim was to enable the Muscular Dystrophy Campaign to develop a much more bespoke and targeted fund raising campaign," said Colin Grove, Database Manager at the Muscular Dystrophy Campaign.

To accomplish this, the Muscular Dystrophy Campaign needed to open its network to the Internet to allow bi-directional traffic from the external Web servers to a Web server on its local area network. Prior to this project, the Muscular Dystrophy Campaign was utilizing a SonicWALL® TZ 190 Firewall with SonicWALL Comprehensive Security Suite (CGSS) solely for perimeter defense. The firewall supported 100 internal users and 20-30 remote users connecting via a thin client solution.

"Incoming and outgoing traffic had been tightly restricted by a perimeter firewall, but we now needed to open up the perimeter defence, whilst protecting the rest of the network," said Grove. "throughput has never been a consideration in the past with our internet connection always being the limiting factor"

To create a firewall between zones on the LAN and gigabit LAN connectivity, Grove needed a solution that could handle the increased throughput, take into account the possible connection security with the firewall and could scale its capacity as hits to the Web sites increased. CETSAT were asked to provide a solution to these requirements.

### **The solution: the SonicWALL NSA 3500**

After a thorough evaluation, CETSAT selected the Sonicwall NSA 3500 next generation Unified Threat Management firewall. Utilizing a breakthrough multi-core hardware design with 4 cores and 6 Gigabit Ethernet interfaces, the NSA 3500 provides the Muscular Dystrophy Campaign with real-time internal and external network protection without

## Muscular Dystrophy Campaign

*"Right out of the box, the NSA 3500 provided all the throughput, protection and overall functionality we required at a price point that could not be rivaled"*

– Colin Grove  
Database Manager  
Muscular Dystrophy Campaign

*The setup was incredibly easy. We were able to deliver a solution that not only met The Muscular Dystrophy Campaigns requirements now but has an expansion upgrade path that future-proofs the device as their requirements grow."*

– Tim Quayle  
Security Architect  
CETSAT (IT Partner)

### SonicWALL Benefits:

- Scalable multi-core hardware and Reassembly-Free Deep Packet Inspection™
- Stateful high availability and load balancing
- Advanced routing services and networking features
- Secure distributed wireless LAN (WLAN) services
- Onboard Quality of Services (QoS) features



compromising network performance across its distributed network environment. The NSA 3500 combines high-speed intrusion prevention, file and content inspection, and powerful application firewall capabilities with an extensive array of advanced networking and flexible configuration features in an accessible, affordable platform that was easy for CETSAT to deploy and for the Muscular Dystrophy Campaigns IT manager Junail Mahmood to manage ongoing.

For comprehensive security, CETSAT added the SonicWALL Comprehensive Gateway Security Suite (CGSS), featuring Gateway Anti-Virus, Anti-spyware, Intrusion prevention Service and Application Firewall. CGSS delivers intelligent, real-time network security protection against the latest blended threats, including viruses, spyware, worms, Trojans, software vulnerabilities and other malicious code. CGSS combines security, productivity, and support in a single solution with a low cost of ownership, providing the Muscular Dystrophy Campaign with an increased ROI over independent products.

"The setup was incredibly easy," said CETSAT. "The Muscular Dystrophy Campaign received all the functionality they require now, plus an expansion upgrade path that future-proofs the device as their requirements grow. The charity discount provided by SonicWALL also helped when presenting them with the proposed solution."

### The result: Secure real-time integration between databases and the web

By deploying the SonicWALL solution, CETSAT enabled the Muscular Dystrophy Campaign to achieve its fundraising project on budget and on time. The key to the project was integrating the front end Web servers with the Muscular Dystrophy Campaign's locally hosted database. In opening up access onto the network, the organisation had to become more secure and consider how traffic was inspected, not only LAN to WAN but also LAN to LAN.

"This is where SonicWALL made our life very easy," said Grove. "Right out of the box, the NSA 3500 provided all the throughput, protection and overall functionality we required at a price point that could not be rivaled."

IT Manager Mahmood has found that administration has been made easier by the NSA 3500's easy-to-use GUI.

"This in itself will undoubtedly generate a good ROI over time as administration overheads for additions and changes are minimal," said Mahmood

Clean Wireless functionality has extended secure network access over a broader range of channels.

"Normally in an IT project of this nature your end users see no benefits," said Mahmood, "but with the addition of the managed wireless solution, the project as gone down well with everyone."

### The Future: Clean Wireless

"The money the Muscular Dystrophy Campaign saved by going with a SonicWALL Firewall meant we could include a new SonicPoint managed wireless network at the head office as part of the proposed solution" said CETSAT. "Both our IT department and end users have seen benefits from the investment, making it much easier to justify the investment internally" said Mahmood.

To provide centralized management of wireless network connectivity, CETSAT implemented SonicWALL Clean Wireless. SonicWALL Clean Wireless™ delivers the innovative dual protection of high-speed secure wireless combined with high-performance Unified Threat Management (UTM), which are required to secure the wireless connection, as well as inspect and encrypt the traffic flowing over the wireless network. By integrating SonicPoint™ access points with the NSA 3500 over a central point of management, SonicWALL Clean Wireless enables the Muscular Dystrophy Campaign to support and enforce one set of security policies over both wired and wireless networks.

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