



The Organization

Pupil Parent Partnership Ltd
Acton Town Hall
Winchester Street
London W3 6NE
www.theppp.org.uk

The Challenges

- Connect four separate locations to a central database
- Ensure reliability of VPNs
- Protect sensitive data
- Control data access to individual users
- Enhance management reporting
- Comply with regulatory mandates

The SonicWALL Solution

- SonicWALL TZ Series

The Results

- Greater security
- Corporate-style single network across the four locations
- Failover between two Internet provider connections
- Granular controls that define user access to resources
- Increased productivity
- Vastly reduced downtime

Pupil Parent Partnership Ltd (PPP) is a specialist education facility working with pupils from local secondary schools. PPP is a not-for-profit voluntary organization, established in 1994 to offer educational and therapeutic support to young people and their families in West London. PPP currently supports over 200 young people a year across three West London boroughs, offering individual support; group and family counseling; mentoring; therapeutic residential work; crisis intervention; access to supported applied education; accredited key skills; and General Certificate of Secondary Education (GCSE) programs.

The challenge: Enhance Access, Reporting and Compliance

PPP has evolved into an organization with independent networks at four sites supporting 45 users. Staff and pupil records were originally available only at one of the four sites, while staff and pupils could be attending any of the four locations in a 10-mile radius. User interfaces to the data differed at each location, causing confusion. In addition, the virtual private networks (VPNs) used to link the networks and provide essential data to the staff were unreliable.

In order to alleviate these concerns, the primary challenges for PPP were to enhance the access of sensitive data across a more secure and stable VPN and to improve the management reporting on Internet usage and accessibility, whilst complying with stricter rules governing schools computers and the Internet.

The solution: SonicWALL® TZ 170 Network Security Appliances

"We selected SonicWALL equipment because it provided a far more comprehensive threat management solution than other solutions on the market," said Herman Yones, ICT Coordinator at PPP. "It also provided multiple persistent Internet connections, thereby increasing the overall reliability of the system."

The SonicWALL TZ 170 Series is a total security platform for home, small, remote and branch offices, featuring an integrated 5-port, auto-sensing MDIX switch and optional port that can be configured as a WorkPort for telecommuters, a second WAN for ISP Failover and Load Balancing or a second LAN for added network flexibility. Wireless models add secure 802.11b/g wireless with advanced features such as enforced VPN encryption on the wireless LAN, plus wireless intrusion and rogue access point detection to deliver impenetrable wireless security.

Installation was quick and straightforward, enabling users to benefit immediately. The installation of SonicWALL's TZ170's has allowed PPP to establish a corporate-level network that monitors and controls each user's level of access to the organization's data and the Internet, from any of the four locations or remotely.

SonicWALL Unified Threat Management (UTM) ensures that the network meets the strictest education Internet compliance rules. UTM secures sensitive data from access outside the network. It prevents staff and pupils from accidentally visiting inappropriate websites. It also

Pupil Parent Partnership Ltd Case Study

"Like many organizations, PPP is constantly connected to the Internet and SonicWALL provides protection for our data from all the different types of Internet attacks in a single piece of hardware that's separate from our server."

–Herman Yones
ICT Coordinator
Pupil Parent Partnership Ltd

SonicWALL Benefits

- High-performance Reassembly-Free Deep Packet Inspection™ (RFDPI)
- Unified Threat Management
- Gateway anti-virus, anti-spyware, anti-spam and intrusion prevention
- Global Management System (GMS)



blocks malicious intrusions and decontaminates mobile or remote user hardware before connection to the network.

"Like many organizations, PPP is constantly connected to the Internet," said Yones, "and SonicWALL provides protection for our data from all the different types of Internet attacks in a single piece of hardware that's separate from our server."

The result: Instant Internet Security Compliance and Increased VPN Reliability

Since deploying the TZ 170 solution, PPP has expanded by a third from 45 to 60 users without the need to deploy further equipment.

"SonicWALL gives us peace of mind that viruses are being stopped at the gateway to our network and do not reach the server," said Yones.

Using the SonicWALL Global Management System (GMS), Yones receives monthly detailed Internet management reports and allows the system to be constantly monitored, maintained, and updated.

"GMS keeps it up-to-date and fully maintained without the attention of our IT staff," said Yones. "It helps us meet our Internet compliance requirements."

PPP now is able to enforce strict compliance rules, and reliability of the system is no longer an issue, thereby freeing up IT staff for other improvement projects. Access to update the organizations data from all the sites has increased productivity and the quality of the information. There has also been a significant increase in user productivity due to less time wasted travelling back to a base location.

"We have enjoyed 100% reliability for the last two years as a result of the SonicWALL Internet failover facility which ensures their VPN is uninterrupted, even if a connection is lost," said Yones.

The failover facility has proved to be essential in providing PPP with a constant Internet connection and VPN so the organization can work without interruption.

"We would recommend SonicWALL to similar organizations with confidential, sensitive data that need comprehensive protection from Internet intrusions," said Yones.

The future:

Based on his success with the TZ Series, Yones is now implementing the SonicWALL Network Security Appliance (NSA) Series. Its enhanced features will allow further expansion of the PPP network to include pupil access and a full university-style network.

Built on a high-speed multi-core processing platform, the NSA Series enables deep packet inspection without diminishing performance of mission-critical networks and applications. The NSA Series applies next-generation Unified Threat Management (UTM) against a comprehensive array of attacks, combining intrusion prevention, anti-virus and antispyware with the application-level control of SonicWALL Application Firewall. With advanced routing, stateful high-availability and high-speed IPSec and SSL VPN technology, the NSA Series adds security, reliability, functionality and productivity to branch offices, central sites and distributed mid-enterprise networks, while minimizing cost and complexity.

SonicWALL, Inc.

2001 Logic Drive
San Jose, CA 95124

T +1 408.745.9600
F +1 408.745.9300

www.sonicwall.com

