Securing Your Small Business

Keeping Up with the Changing Threat Landscape
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With broadband providers increasing access speed while reducing costs, small and medium businesses (SMBs) are using more internet content. This increased threat surface makes SMBs appealing prey for cyber-criminals, who are starting to look at SMBs as rich targets with low security, as well as promising avenues to compromise enterprise partners.

In order to take advantage of the opportunities offered by broadband improvements while minimizing your risk from cyber-criminals, your SMB needs a firewall that delivers the same protections as big business needs.

To take advantage of all the web has to offer and high-speed broadband makes available, SMBs need the same high-quality firewalls used by big businesses.
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A firewall to keep up with the changing threat landscape

Challenge: Blocking the malware cycle

To effectively block today’s advanced malware, your SMB needs a firewall that delivers content filtering, intrusion protection and antivirus that leverages the cloud. The firewall must also be able to inspect the complete files coming in on all ports and protocols.

Solution: Unified threat management (UTM)

Unified threat management solutions provide a higher level of protection by scanning traffic for the latest threats, including vulnerabilities and malware. By scanning more traffic, UTM solutions reduce the chance of machines on your network receiving a virus or malware infection. Regular countermeasure updates allow the UTM solution to stay ahead of the latest threats.
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A firewall to make your network more efficient and secure

Challenge: Provide the best available protection

You need to know that the UTM solution you purchase provides the highest level of protection without slowing down your network. It must be able to prioritize important applications and to throttle or block applications that are not productive — and to do all this based on a schedule, since, for example, more bandwidth is typically available late at night. Finally, it must work with faster networks operating with 1-gigabit connections.

Solution: Dell firewalls

Not all UTM solutions are the same. Dell firewalls provide organizations of any size with a deeper level of network security. These industry-leading firewalls are designed with a scalable, multi-core hardware architecture that ensures that every byte of every packet is inspected — while maintaining the high performance and low latency that busy networks require.

In addition, to combat emerging threats effectively, Dell firewalls provide advanced anti-evasion capabilities and network-based malware protection that leverage the power of the cloud.
A firewall that filters out your junk mail

**Challenge: Incomplete and complex anti-spam protection**

Most UTM solutions that provide anti-spam functionality rely on real-time blacklists (RBLs) and other less-accurate methods for blocking spam. Additionally, some solutions require you to set up a server to run third-party software to provide additional spam blocking options.

**Solution: Comprehensive anti-spam**

Dell firewalls feature a comprehensive anti-spam service that removes spam, phishing and virus-laden messages from inbound SMTP-based email before that email reaches the network. A hybrid-cloud design simplifies setup while optimizing protection, since there is no need to redirect mail exchanger (MX) records or send email to another vendor to be cleaned.
A firewall that doesn’t let you down when your connection crashes

Challenge: Lost internet connectivity

Most SMBs rely on their internet connection to run their daily business and connect their business locations, partners and customers over a wide area network (WAN). Service interruptions lead to downtime and hurt business productivity.

Solution: 3G/4G failover

Dell firewalls deliver WAN redundancy that includes WAN failover and load balancing. For additional redundancy, you can take advantage of today’s 3G/4G cellular technology by adding a USB-based 3G/4G adapter, which will enable the firewall to seamlessly fail over to the wireless network.
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A firewall that untethers you from your desk

Challenge: A secure wireless network

Today, SMBs need the flexibility of a wireless network — both to enable employees to move about in the office with their devices and to entice customers to stay longer at the location. But these benefits cannot come at the cost of either security or performance.

Solution: Wireless networks as secure as wired networks

The Dell wireless network security solution makes wireless networks as secure as wired networks — while delivering the fast performance you need. With all traffic going through the firewall and high-speed 802.11n and 802.11ac technology integrated into the solution, you have both the protection and the performance you need to enable employees and customers to move around your office or retail shop.

Plus, the solution is easy to deploy and administer, featuring centralized access policy management and automatically recognizing any new access points you add.
A firewall that enables you to keep people and groups separate

Challenge: Network growth management

As your SMB grows, you need an easy way to segment systems on your network and enforce policy. For example, you might need to separate marketing, the sales organization and the executive staff to ensure appropriate access for each group.

Solution: Contextual port interfaces

Dell firewalls enable you to easily control access by providing network segmentation. With a Dell firewall, you can set up groups for your executives, your marketing department and even your guests so each group has access to only the resources they need.
A firewall that comes from someone you trust

Dell — a company you know and trust — offers SMBs complete yet affordable protection that integrates all of these advanced features:

- Integrated intrusion prevention
- Gateway anti-malware with Cloud AV
- Reassembly-Free Deep Packet Inspection
- Stateful packet inspection
- Denial of service (DOS) attack protection
- Intuitive user interface
- Easy-to-use configuration wizards
- Integrated secure wireless 802.11 n/g/b
- High performance
- USB 3G/4G wireless failover
- Network segmentation
- Integrated SSL VPN secure mobile access
- IPSec VPN for remote branch offices
- Comprehensive anti-spam
- Application intelligence and control

1 All Dell SonicWALL TZ series firewalls support external wireless access points. Integrated wireless functionality is available on TZ 105, TZ 205, TZ 215 models.

2 Add-on service

3 TZ400, TZ500 and TZ600 models only
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Conclusion

With Dell, your SMB can take advantage of all the benefits of the internet economy without sacrificing security or performance — or breaking the bank. Dell firewalls deliver a no-compromise solution at a price that fits your budget. Now, wireless can be both high-speed and secure, so you can enable your employees and guests to be mobile and productive.

How can I learn more?

- Download the white paper "10 Easy Steps to Secure Your Small Business"
- Opt in to receive Dell newsletters

If you have feedback on this e-book or other Dell e-books or white papers, please send an email to feedback@sonicwall.com.
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