

# Securing the Distributed Enterprise

VPN

Solution Brief

## Solutions for Securely Connecting



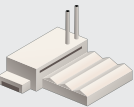
TELECOMMUTERS



MOBILE WORKFORCE



REMOTE OFFICES/  
BRANCH OFFICES



MANUFACTURING LOCATIONS /  
PARTNER LOCATIONS

## The Challenge for Distributed Enterprises

The Internet has changed the way modern enterprises do business. By using the Internet as a transport medium, business are able to connect their remote workers, branch offices, call centers, manufacturing partners, retail locations and other essential satellite locations to the company's main internal networks. While this interconnection has increased productivity and the exchange of information between locations in a countless number of ways, the threat to internal networks has never been higher.

Most companies use Firewall and Virtual Private Network (VPN) technologies to connect and establish a level of access control between remote locations and enterprises internal networks. Unfortunately, as threats have evolved, companies have been forced to add on additional layers of security at VPN termination points to properly protect the mission-critical assets on internal networks. With the evolution of threats to include multiple threat vectors, blended threats are now commonplace. Intrusion prevention systems (IPS), gateway antivirus with antispayware (AV), antispam (AS), web content filtering (WCF) and traffic shaping technologies are all used to ensure that blended threats and access to undesirable content is blocked and legitimate traffic is secured and assured from point-to-point.

The necessity for numerous security technologies has impacted information technology (IT) professionals world-wide, linearly increasing their workload through the management of multiple consoles and security devices.

- "Our use of different security technologies for corporate firewalls, site-to-site and remote client VPNs from multiple vendors was not appropriate or efficient for a growing company, operating across the world. Increasing demands from mobile workers, growth in our overseas reseller channel and the provision of online support for our global customer base required us to have guaranteed interoperability and availability with minimum risk. After an extensive review of potential options, we found that Fortinet was the only vendor that could offer us a single solution to satisfy all our existing security requirements and accommodate anticipated future needs."*

*ZakHarding, IT Manager Touchpaper, the global provider of software for IT Business Management*

- "We were seeking to connect and secure our numerous franchises with a comprehensive solution that combined leading-edge security functionality and performance to provide real time protection against Trojans, worms and other content-based threats. We evaluated a number of options, but were most impressed with the wide range of security features and centralized management functionality of the FortiGate systems. Additionally, the ASIC-based systems deliver superior performance, even in high-traffic, high-transaction based environments like ours."*

*Mr. Jaemin Kil,  
Manager, MIS Team  
Pizza Hut Korea*

## The Fortinet Distributed Enterprise Solution

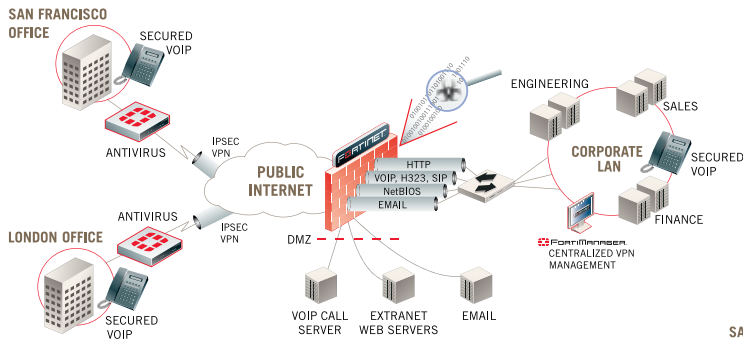
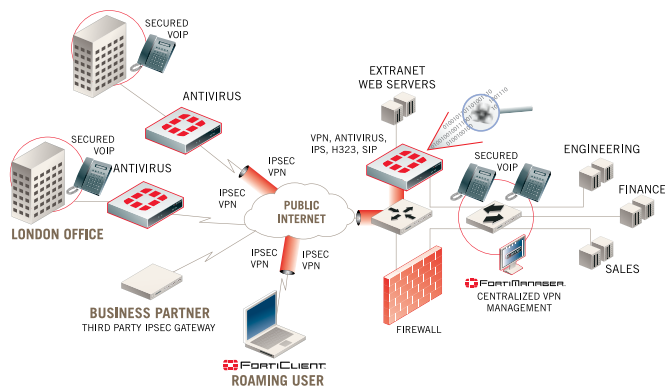
Fortinet solutions allow the distributed enterprise to connect and be secured, while not breaking the bank or the back of the IT administrator.

The Fortinet family of security products provides a fully integrated and complete solution to detect and eliminate a wide spectrum of attacks and malicious activity. This includes blended threats and other threats such as: intrusion attempts, viruses, Trojans, worms, spyware, grayware, adware and denial-of-service attacks. Using network-based ASIC-accelerated hardware platforms, combined with a fully integrated series of sophisticated protection engines, Fortinet is uniquely equipped to deliver the highest level of multi-threat security and industry-leading performance at the lowest possible total cost of ownership. The protection engines, delivered by the Fortinet award winning FortiOS™ can be used individually as needed or all-together to provide IT administrators with a simple-to-manage and comprehensive security solution.

Fortinet VPN solutions meet the needs of any-sized enterprise while offering unmatched price-performance. FortiGate™ security platforms offer secure and cost-effective connectivity through the Internet and are a clear choice over connecting locations with leased private connections. The FortiManager™ centralized management solution allows a single administrator the ability to manage the VPN and all of the other security modules provided by FortiOS for thousands of FortiGate deployments. FortiAnalyzer™ centralized logging, analysis and reporting solution makes visibility into remote networks as easy as monitoring local networks. Together, these Fortinet VPN solutions offer the distributed enterprise connectivity and security, with unmatched simplicity and price-performance.

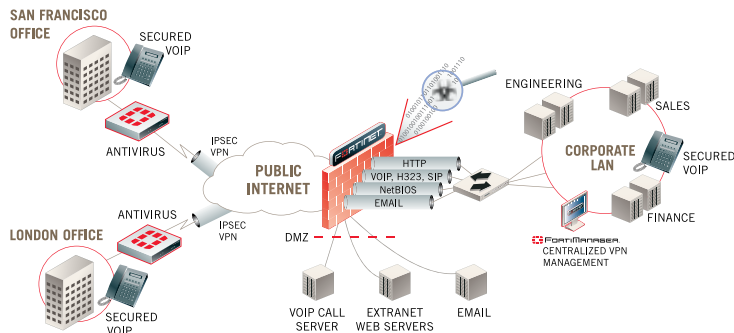
## Enterprise Remote Office and Partner Extranet VPN

Deployed in parallel with an existing firewall, a FortiGate VPN gateway terminates VPNs from branch offices and extranet partners that require limited access to DMZ servers. With the FortiGate systems integrated security features, the administrator can configure granular security policies to control access to resources on the corporate LAN and DMZ.



## Enterprise Hub-and-Spoke VPN

Hub-and-spoke VPN configurations allow multiple remote sites to connect together without having dedicated tunnels to each site. An ideal application for this design is to transport VoIP traffic across the VPN's to reduce long-distance toll charges. Fortinet's traffic shaping features ensures VoIP traffic receives priority even through a VPN tunnel.



## Enterprise Remote Access (IPSec and SSL)

Ideal for roaming users such as remote salespeople needing secure access to resources on the corporate LAN such as email and intranet resources. Fortinet offers both a secure IPsec client (FortiClient™) and clientless SSL VPN for hotspot access in areas where IPsec may be blocked by a firewall. Strong authentication is enforced by the FortiGate VPN gateway to ensure only authorized users can establish VPN sessions.

Enterprise Remote Office/  
Branch Office Solutions

Enterprise Headquarter  
Solutions

Enterprise Management  
and Analysis Solutions

Enterprise Service  
and Support Solutions

FortiGate-50B

FortiGate-60

FortiWiFi-60AM

FortiGate-100A

FortiGate-300A

FortiGate-5001FA2

FortiGate-5005FA2

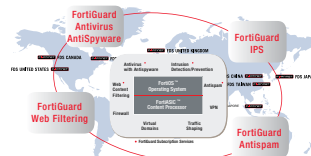
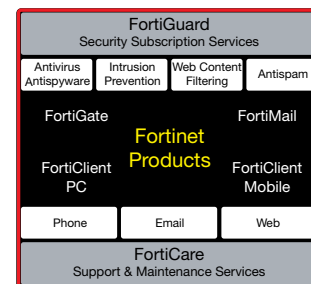
FortiGate-5020

FortiGate-5050

FortiGate-5140

FortiManager-3000

FortiAnalyzer-4000



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