

Securing Remote Sites

Large organizations endeavoring to provide secure access to remote teleworkers, retail outlets, and branch offices are facing an evolved dilemma: while granting access to these remote sites has become relatively easy, ensuring the remote sites are secure by remotely deploying numerous security devices and software is unfeasible. In order to secure both the data in transit and the remote networks from which data originates, a single device uniting firewall, VPN, intrusion prevention, Web filtering, antivirus, and antispayware specifically designed for remote branch offices, retail outlets, and telecommuters is required.

Retail Outlets and Branch Offices

Dedicated IPSec VPN tunnels have become a standard method of providing access and conveying real time inventory and sales information to corporate headquarters. Once connected, these networks can introduce malware and trojans acquired by their endpoints if the remote network is not adequately protected. Multiple security enforcement technologies such as firewall, intrusion prevention, antivirus and antimalware must be deployed in order to maintain compliance with PCI, HIPPA, and GLBA regulations. With three internal security ports, the FortiGate-30B offers complete network security protection and dedicated VPN access in a single device that can be provisioned and managed from anywhere in the world.

Remote Teleworkers

Security concerns similar to that of the retail or branch offices exist for remote teleworkers as well. Unprotected home networks introduce a barrage of threats to the central network. Remotely deploying multiple devices and software solutions at teleworker sites creates a deployment and maintenance nightmare for both IT administrators and teleworkers. Security risks are compounded with teleworker network usage by other family members, who must be kept separate from work-related access. The FortiGate-30B offers a single solution that provides total network protection for the teleworker’s entire network, while simultaneously offering dedicated VPN access to corporate resources. Multiple internal security ports support multiple devices on the internal interface, and authentication techniques ensure that only the teleworker’s endpoint is allowed access to corporate resources.

Central Management

Regardless of the type of network the FortiGate-30B is deployed in, centralized management is a critical component of the remote office and branch office architecture. Fortinet’s FortiManager and FortiAnalyzer products ensure complete centralized control over remote devices regardless of the deployment size.



FortiGate-30B Front View



FortiGate-30B Rear View

Feature	Benefit
Unified Security Architecture	Multi-threat protection from a single device increases security and lowers costs
Unlimited User Licensing	Hassle-free unlimited user licensing increases ease of deployment and maintenance
Four 10/100 Interfaces	One WAN interface and three internal switch ports offer two security zones for policy enforcement at remote sites
Desktop Form-Factor	Compact and lightweight for unobtrusive placement or mounting

Fortinet’s Multi-Layered Security Solution

Fortinet’s multi-layered security solutions efficiently and economically provide an integrated set of security services in a single, easy-to-manage high-performance appliance that is capable of supporting a wide range of deployment scenarios. In addition, FortiGuard Subscription Services include everything from technical support, antivirus updates, antispayware, antispam, to Web content filtering to ensure that security environments remain current and corporate resources are protected against the latest blended threats. FortiGate systems come with a one-year limited hardware warranty and 90-day limited software warranty.

FortiGate-30B	
Hardware Specifications	
Total 10/100 Interfaces (Copper)	4
WAN Port	1
Internal Switch Ports	3
System Performance	
Firewall Throughput	30 Mbps
IPSec VPN Throughput	5 Mbps
Antivirus Throughput*	5 Mbps
IPS Throughput*	10 Mbps
Dedicated IPSec VPN Tunnels	5
Concurrent Sessions	5,000
New Sessions/Sec	1,000
Policies	200
Unlimited User Licenses	Yes
Dimensions	
Height	1.25 inches
Width	6.75 inches
Length	5.2 inches
Weight	0.8 lbs
Desktop Form Factor	Yes
AC Power Required	110 - 240 VAC, 50 - 60 Hz, 8.0 Amp (Max)
Power Consumption (AVG)	6W
Environment	
Operating Temperature	32 to 104 deg F (0 - 40 deg C)
Storage Temperature	-31 to 158 deg F (-35 to 70 deg C)
Humidity	20 to 80% non-condensing
Compliance	FCC Class B, UL/CUL, C-Tick, CE, VCCI
Certifications	ICSA Labs: Firewall, IPSec, Antivirus, IPS, Antispyware
* Antivirus performance is measured based on HTTP traffic with 32 Kbyte file attachments and IPS performance is measured based on UDP traffic with 512 byte packet size. Actual performance may vary depending on network traffic environments.	

While the FortiGate-30B provides full enterprise-class UTM inspection including firewall, intrusion prevention, web filtering, antivirus, antispyware / antimalware, and antispyware; advanced configuration and routing options have been removed in the FortiGate-30B in order to simplify device configuration and management. A comparison table of the differences between feature sets of the FortiGate-30B and other FortiGate models is outlined below:

Feature	FortiGate-30B	All Other FG Models
Full UTM Inspection (FW, AV, IPS, Antispam/malware, Web Filtering)	✓	✓
Automatic Signature Updates	✓	✓
Web-based GUI	✓	✓
Centralized Mgt/Reporting	✓	✓
IPSec VPN	✓	✓
SSL VPN	✗	✓
Dynamic Routing (RIP, OSPF, BGP and PIM)	✗	✓
Virtual Domain	✗	✓
VLAN Support	✗	✓
High Availability	✗	✓
Server Load Balancing	✗	✓
Traffic Shaping	✗	✓

✓ = Included. ✗ = Unavailable.

FortiGuard Security Subscription Services

- Antivirus / Premier Antivirus
- Intrusion Prevention
- Web Filtering / Premier Web Filtering
- Antispam

FortiCare Support Services

- 24/7/365 FortiCare Web-based support
- Technical account management service available
- 8x5 telephone-based technical support (24x7 - optional)
- Professional services available



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