

FortiGate-200-800 Series

Multi-Layer Security Appliances
for Mid-Size Enterprises

Datasheet

Real-Time Network Security Solutions

Blended Security Threats

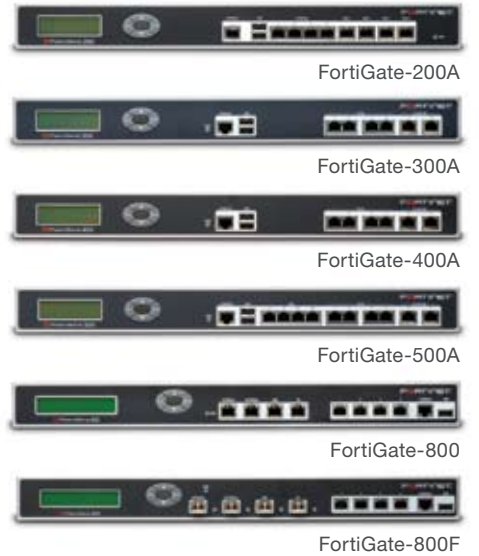
Network security threats are devastating to enterprise networks. Intellectual property, revenue, customer and company records, and other mission-critical resources are at risk. Unfortunately enterprise networks often lack adequate security solutions much less the human resources to recognize the business risks – that is until the damage is already done. Point-products providing security solutions for specific purposes may provide adequate protection against specific single-threaded threats, however a new breed of blended-threats and attacks utilize a multitude of attack vectors. Furthermore assembling an array of point products is costly and requires significant expertise to engineer, maintain and manage. Most small to medium size businesses cannot afford such overhead, yet should tragedy strike the potential business costs are enormous. Fortunately cost-effective, evergreen multi-threat protection is now available to businesses of any size. The FortiGate™-200 through -800 series of advanced security systems integrate all-in-one multi-threat protection into cost-effective plug-n-play security platforms that effectively block today’s blended attacks including intrusion attempts, viruses, worms, phishing, spyware, spam and many other types of malware. The Fortinet FortiGuard™ global 24x7 threat detection and update service provides the networking industry’s fastest response time to ensure latest security threats are detected and automatic security updates are available before your business is impacted.

Security Platforms That Meet the Challenge

FortiGate security platforms are based on Fortinet’s revolutionary FortiASIC™ Content Processor technology, which enables a comprehensive suite of real-time security solutions while delivering the highest levels of network performance. The FortiGate-200-800 series platforms provide a complete security solution including content inspection firewall, IPSEC and SSL VPN, intrusion prevention, Web filtering, antispam, antivirus, antispysware, and IM and P2P controls that prevent blended attacks, as well as providing integrated traffic shaping functions, making them the most cost effective, convenient and powerful network protection solutions available. In addition, Fortinet’s per-device security subscriptions and turnkey appliance design makes them an affordable and easy-to-manage security solution for small-to-medium enterprises.

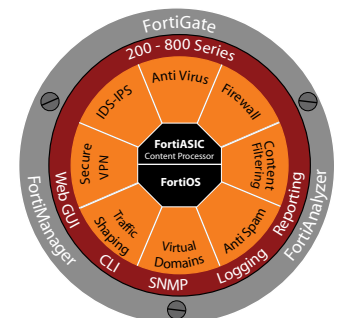
Key Solution Features and Benefits

- | | |
|---|--|
| <ul style="list-style-type: none"> Industry proven, multi-threat security architecture for enterprise networks | Delivers powerful, integrated application security ideal for protecting against today’s complex threats |
| <ul style="list-style-type: none"> Extremely high performance/price ratio with unlimited number of users | Low total cost of ownership, high performance via custom ASIC, and wide range of deployment options matches complex network security requirements |
| <ul style="list-style-type: none"> Easy to deploy, easy to manage device | Turn-key appliance allows for rapid deployment, including Transparent mode applications, to quickly secure mission-critical network resources |
| <ul style="list-style-type: none"> Support for emerging technologies | Modular architecture enables new technologies, such as SIP, IM, and P2P, to be secured without unnecessary interruptions |
| <ul style="list-style-type: none"> Customized and detailed logging and reporting tools | FortiAnalyzer™ and FortiManager™ offer extensive reporting, logging, and data archiving options for regulatory compliance, trending, or baselining |



Fortinet’s Multi-Layered Security Solution

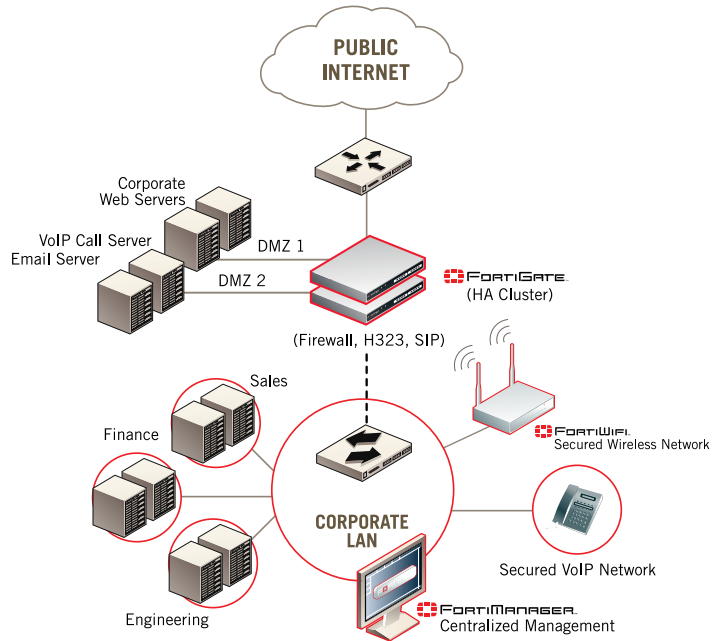
Fortinet’s multi-layered security solutions efficiently and economically provide an integrated set of security services in a single, easy-to-manage high-performance appliance that is capable of supporting a wide range of deployment scenarios. In addition, FortiGuard Subscription Services include everything from technical support, antivirus updates, antispysware, antispam, and Web content filtering to ensure that your security environment remains current and your 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.



Fortinet's complete line of mid-range security appliances are designed for mid-size enterprise networks.

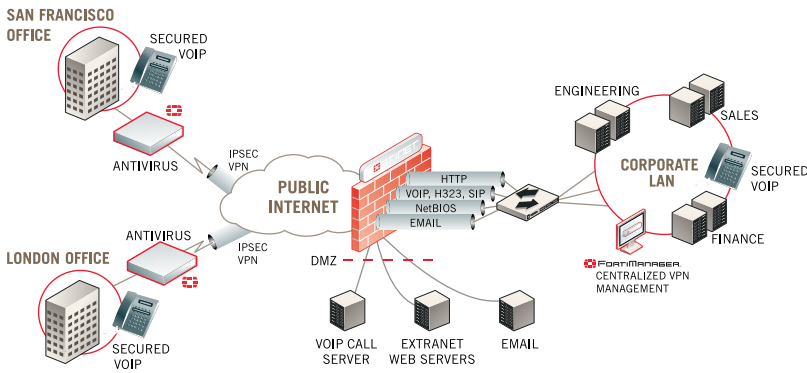
Secure Web Access (Firewall/Antivirus/Web Filtering)

The primary source of threats to the Enterprise network is undoubtedly from uncontrolled employee access to the Internet and Web-based services. Yet today every business not only relies on the Internet for productivity enhancements and competitive advantage, but literally depends on the Internet for business success. With all the benefits of the Internet, also come potential risks such as viruses and worms that disrupt services or destroy valuable data, and a myriad of security challenges including information theft/leakage, inappropriate usage and the need to comply with regulatory mandates. The FortiGate-200-800 series of mid-range security appliances provide a turn-key suite of ICSA Labs certified multi-layered security applications to stop blended attacks from affecting your business.



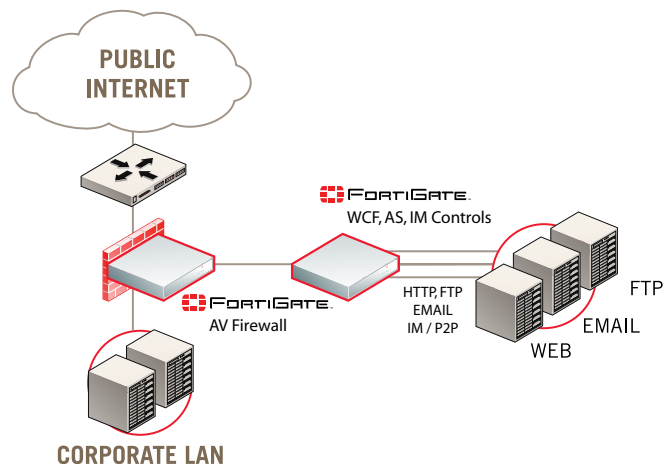
Secure Perimeter Access (Firewall/VPN/IPS/Antivirus)

Enterprises often have complex network topologies and, therefore, complex network security requirements. Typical deployments mean linking several sites together—ranging from home offices to larger remote offices—and ensuring that the security implementation is seamless. Security devices for these environments need to provide a wide variety of performance metrics and connectivity options. Fortinet's line of mid-range security appliances offer integrated 4-port switches, 10/100/1000 Ethernet ports, up to 1 Gbps firewall throughput, and up to 200 Mbps 3DES VPN throughput. These options include the full security suite of ICSA Labs certified multi-layered security applications to stop blended attacks from affecting your enterprise's productivity.



Secure Messaging Access (Antispam/Antivirus/IM&P2P Controls)

The FortiGate line of security appliances has a flexible architecture that allows each one to quickly adapt to emerging technologies and threats such as IM, P2P, and VOIP applications and identity theft methods such as spyware, phishing, and pharming attacks. Flexible deployment options such as NAT, Route, and Transparent modes allow FortiGate devices to be easily deployed into most network designs. Core networking features, such as High Availability (HA) and support for dynamic routing protocols like RIP, OSPF, and BGP, allow them to be deployed into complex full mesh network environments that require maximum network availability.



FortiGate-200-800 Series



Feature	FortiGate-200A	FortiGate-300A	FortiGate-400A	FortiGate-500A	FortiGate-800/800F
10/100 Interfaces.....	8	4	4	8	4
10/100/1000 Interfaces (Copper).....	n/a	2	2	2	4 (FG-800 only)
1Gb SFP Interfaces (Fiber)*.....	n/a	n/a	n/a	n/a	4 (FG-800F only)
4-Port Switch.....	Yes	No	No	Yes	No
USB Ports.....	2	2	2	2	2
Hard Drive.....	Optional	Optional	Optional	Optional	Yes both 800 & 800F
Concurrent Sessions.....	400,000	400,000	400,000	400,000	400,000
New Sessions/Second.....	4K	10K	10K	10K	10K
Firewall Throughput.....	150 Mbps	400 Mbps	500 Mbps	600 Mbps	1 Gbps
VPN 168-Bit Triple-DES Throughput.....	70 Mbps	120 Mbps	140 Mbps	150 Mbps	200 Mbps
Antivirus Throughput.....	30 Mbps	70 Mbps	100 Mbps	120 Mbps	150 Mbps
Unlimited Concurrent Users.....	Yes	Yes	Yes	Yes	Yes
Dedicated IPSec VPN Tunnels.....	200	1,500	2,000	3,000	3,000
Policies.....	2,000	5,000	5,000	8,000	20,000
Dimensions (H, W, L, weight).....	1.75 inches, 16.8 inches, 10 inches, 7.3 lbs (3.3 kg)	1.75 inches, 16.8 inches, 10 inches, 7.3 lbs (3.3 kg)	1.75 inches, 17 inches, 12.6 inches, 11.9 lbs (5.4 kg)	1.75 inches, 17 inches, 12.6 inches, 11.9 lbs (5.4 kg)	1.75 inches, 16.75 inches, 12 inches, 10 lbs (4.5 kg)
Rack Mountable.....	Yes	Yes	Yes	Yes	Yes
Compliance.....	FCC Class A, Part 15, UL/CUL, C Tick, CE, VCCI				
Certifications.....	ICSA Labs: Firewall, IPSec, SSL, Antivirus, IPS				
Operating Temperature.....	32 to 104 deg F (0 to 40 deg C)				
Storage Temperature.....	-13 to 158 deg F (-25 to 70 deg C)				
Humidity.....	5 to 95% non-condensing				
AC Power Required.....	100-240 VAC, 50-60 Hz, 0.8 Amp max				

* SX transceivers are standard; LX transceivers are available as an additional option.

Fortinet Integrated Security Solutions

Fortinet offers fully integrated, multi-threat security solutions to meet today's blended threats.

- All-inclusive, cost-effective security solution:

Fortinet offers a lower total cost of ownership with the most complete set of functions including: antivirus, intrusion prevention, antispyware, Web content filtering, and antispyam.
- Automated updates of Antivirus and IPS signatures:

Around-the-clock protection against the latest threats. Virus and intrusion encyclopedia covers over 60,000 different threats.
- Very high performance from custom hardware:

The Fortinet FortiASIC delivers superior performance and reliability at wire speed that ensures the security appliance does not become a network bottleneck.
- Integrated 4-port switch:

Eliminates the need for external switches and provides enhanced fan-out.
- Secure Web UI for easy deployment and management:

Quick and easy configuration wizard walks administrators through initial setup and graphical user interface offers at-a-glance security event and performance monitoring.

Fortinet's ASIC-Based Advantage

The Fortinet FortiASIC is the foundation of Fortinet's unique technology. The FortiASIC uses an intelligent, proprietary content scanning engine that accelerates the compute-intensive actions which generally perform slowly on network processor chips. They also contain acceleration algorithms for encryption so that FortiGate security devices can perform antivirus scanning on VPN tunnels ensuring clean and controlled communications. Coupling our custom ASIC with proprietary network processor acceleration, Fortinet's chassis systems deliver extreme performance and security at a compelling total cost of ownership.

FortiOS™: Developed for Security

The Fortinet FortiOS is developed by Fortinet solely for security and performance. FortiOS features full routing (BGP, OSPF, RIP), complete logging and auditing for forensic analysis, granular Virtual Security Domain (VDM) support, and a complete command line interface (CLI). No third party components are included that might lead to a vulnerability. It is Common Criteria Certified EAL 4+.

FortiGate-200-800 Series



FortiGate-200A

FortiGate-300A

FortiGate-400A

FortiGate-500A

FortiGate-800/800F

FortiGate-200-800-series platforms provide the following security features:

NETWORKING

Multiple WAN Link Support
PPPoE
DHCP Client/Server
Policy-Based Routing
Dynamic Routing (RIP v1 & v2, OSPF, BGP, & Multicast)
Multi-Zone Support
Route Between Zones
Route Between Virtual LANs

ANTIVIRUS / WORM DETECTION & REMOVAL

Scans HTTP, SMTP, POP3, IMAP, FTP and IM Encrypted VPN Tunnels
Automatic "Push" Virus Database Update
Quarantine Infected Messages
Block by File Size
Block by Type

SYSTEM MANAGEMENT

Console Interface (RS-232)
WebUI (HTTP / HTTPS)
Telnet
Multi-Language Support
Command Line Interface
Secure Command Shell (SSH)
FortiManager System

ADMINISTRATION

Role-Based Administration
Multiple Administrators and User Levels
Upgrades and Changes via TFTP and WebUI
System Software Rollback
Optional FortiManager Administration

USER AUTHENTICATION

Internal Database
Windows Active Directory Database
External RADIUS/LDAP Database
IP/MAC Address Binding
Xauth Over RADIUS for IPSEC VPN
RSA SecurID

FIREWALL

NAT, PAT, Transparent (Bridge)
Routing Mode (RIP v1 & v2, OSPF, BGP, & Multicast)
Policy-Based NAT
Virtual Domains (NAT/Transparent Mode)
VLAN Tagging (802.1Q)
User Group-Based Authentication
SIP / H.323 NAT Traversal
WINS Support
Customized Protection Profiles

VPN

PPTP, IPSec, and SSL
Dedicated Tunnels
Encryption (DES, 3DES, AES)
SHA-1 / MD5 Authentication
PPTP, L2TP, VPN Client Pass-Through
Hub and Spoke VPN Support
IKE Certificate Authentication
IPSec NAT Traversal
Dead Peer Detection
RSA SecurID Support

WEB FILTERING

URL/Keyword/Phrase Block
URL Exempt List
Content Profiles
Blocks Java Applet, Cookies, Active X
FortiGuard Web Filtering Support

INTRUSION PREVENTION SYSTEM (IPS/IDS)

Prevention for More than 2,000 Attacks
Customizable Dynamic Detection Signature List
Automatic Attack Database Update

ANTISPAM

Real-Time Blacklist/Open Relay Database Server
MIME Header Check
Keyword/Phrase Filtering
IP Address Blacklist/Exempt List
Automatic Real-Time Updates from FortiGuard Network

LOGGING / MONITORING

Internal Logging
Log to Remote Syslog/WELF Server
Graphical Real-Time and Historical Monitoring
SNMP
Email Notification of Viruses and Attacks
VPN Tunnel Monitor
Optional FortiAnalyzer Logging

HIGH AVAILABILITY (HA)

Active-Active, Active-Passive
Stateful Failover (FW and VPN)
Device Failure Detection and Notification
Link Status Monitor
Link Failover

TRAFFIC SHAPING

Policy-Based Traffic Shaping
Diffserv Setting
Guarantee/Max/Priority Bandwidth

INSTANT MESSENGER - ACCESS CONTROL

AOL-IM
Yahoo
MSN
ICQ

FortiGuard Subscription Services

Includes:

- Automatic updates from over 50 redundant high-speed database servers around the globe.
- Complete Wildlist virus protection for over 4,500 active viruses from FortiGuard's active database of over 60,000 viruses.
- Real-time signature updates for protection against more than 6,000 unique threats.
- 76 rated Web categories for more accurate Web content filtering.
- Web filtering for more than 25 million rated domains and 2 billion rated Web pages.

FortiCare™ Support Services

Includes:

- 24x7x365 FortiCare Web Service
- 1-Year Limited Hardware Warranty
- Web-based and Phone-based Technical Support*
- 90-Day Limited Software Warranty

* 8x5 and 24x7 Phone-based Technical Support Options Available

FORTINET™



GLOBAL HEADQUARTERS

Fortinet Incorporated
1090 Kifer Road, Sunnyvale, CA 94086 USA
Tel +1-408-235-7700 Fax +1-408-235-7737
www.fortinet.com/sales

EMEA SALES OFFICE-FRANCE

Fortinet Incorporated
120 Rue Albert Caquot
06560 Sophia Antipolis, France
Tel +33-4-8987-0510
Fax +33-4-8987-0501

APAC SALES OFFICE-HONG KONG

Fortinet Incorporated
Room 2429-2431, 24/F Sun Hung Kai Centre
No.30 Harbour Road, WanChai, Hong Kong
Tel +852-3171-3000
Fax +852-3171-3008