FORTINET

FortiMail™

Comprehensive Email Security

Proven Security

FortiMail appliances and virtual appliances are proven, powerful email security platforms for any size organization — from small businesses to carriers, service providers, and large enterprises. Purpose-built for the most demanding messaging systems, FortiMail appliances employ Fortinet's years of experience in protecting networks against spam, malware, and other message-borne threats.

Intelligent Protection

FortiMail prevents your email systems from becoming threat delivery systems. Its inbound filtering engine blocks spam and malware before it can clog your network and affect users. Its outbound inspection technology prevents other antispam gateways from blacklisting your users by blocking outbound spam and malware, including mobile traffic.

Enforce secure content delivery with FortiMail Identity-Based Encryption (IBE), S/MIME, or TLS email encryption options. Prevent accidental and intentional loss of confidential data using predefined HIPAA, GLBA, SOX or customized dictionaries.

Key Features & Benefits

Deploy appliances or virtual appliances in Transparent, Gateway, or Server modes	FortiMail can be deployed in gateway, transparent mode and uniquely as a fully featured mail server. It can be deployed as CPE or in the cloud and in hardware or VM form factors. FortiMail is flexible enough to cater for every customer requirement.
Apply Data Loss Prevention and Identity-Based Encryption	Detect sensitive or regulated information using defined data patterns, block unauthorized delivery and ensure secure delivery when authorized with no additional hardware or software to install, no user provisioning, no recipient pre-enrollment.
Prevent phishing and other advanced threats	Apply embedded URL inspection, top rated antimalware and optional sandbox integration to detect highly targeted attacks.
Identify and Block Spamming Endpoints	Prevent blacklisting of legitimate subscribers by identifying and blocking endpoints sending spam, including Smart phones. Ideal for Carriers and Service Providers.
No per-user or per-mailbox pricing	Complete, multi-layered antivirus, antispam, antispyware and antiphishing protection for an unlimited number of users. Greatly reduces TCO.

Comprehensive Email Security

- Scalable solution from SME to the largest ISP and carrier networks
- Advanced Threat Outbreak Protection methods to protect against new emerging and targeted attacks
- Apply Identity-Based Encryption in both push and pull methods
- Data Leak Prevention, and Policy-Based Encryption and Archiving enable compliance with SOX, GLBA, HIPAA, PCI DSS
- Enforce email and security policies at a granular level
- Receive real-time security updates from FortiGuard® Services
- Industry leading price/performance
- Flexible deployment modes and architectures support the widest range of organizations
- Multi-layer threat detection delivers highest level of user protection
- Scalable solution delivers long term investment protection

vb platinum SPAM virusbtn.com

FIPS VALIDATED 140-2

FortiCare
Worldwide 24x7 Support
support.fortinet.com

FortiGuard
Threat Research & Response
www.fortiguard.com

www.fortinet.com

High Performance and Unmatched Flexibility

FortiMail appliances provide high-performance email routing and security by utilizing multiple high-accuracy antispam filters. When coupled with industry leading real-time antivirus and antispyware protection from FortiGuard Services, FortiMail provides you with extremely fast and accurate email security that won't affect end users or delay their communications. FortiMail can be deployed in the cloud or on premises and gateway, inline and server modes in a range of appliance or virtual machine form factors. This flexibility allows you to deploy FortiMail in the mode that best suits your environment.

Advanced Threat Protection

In addition to FortiGuard antivirus, FortiMail supports on-board code emulation to identify and block suspicious files based on their intended behavior. Optional cloud-based or on-premise "sandboxing" provide a full, contained, run-time environment to thwart the highly targeted and tailored attacks that increasingly bypass traditional defenses. Rich threat intelligence, actionable insight and the option to share information with FortiGuard Labs in order to receive automated protection updates help organizations reduce the risk of compromise and breach from such sophisticated attacks.

FEATURES

System

- Transparent, Gateway and Server Mode Deployment Options
- Flexible Interface Configuration Including VLAN and Redundant Interface Support
- Inbound and Outbound Inspection
- Multiple Email Domains with Domain Level Customization
- IPv6 and IPv4 Address Support
- Virtual Hosting using Source and/or Destination IP Address Pools
- Policy-Based Mail Archiving with Remote Storage Options
- SMTP Authentication Support via LDAP, RADIUS, POP3 and IMAP
- LDAP-Based Email Routing
- Per User Inspection using LDAP Attributes on a Per Policy (Domain) Basis
- Comprehensive Webmail Interface for Server Mode Deployments and Quarantine Management
- Mail Queue Management
- Multiple Language Support for Webmail and Admin Interface
- Email RFC Compliance
- Maintains Local Sender Reputation List Based on:
  - Sender Policy Framework (SPF)
  - Domain Keys Identified Mail (DKIM)

Management, Logging, and Reporting

- QuickStart Setup Wizard
- Basic / Advanced Management Modes
- Role-Based Administration Accounts Per Domain
- Comprehensive activity and incident logging and reporting
- Configuration Change and Management Event Logging
- Built-in Reporting module
- Centralized logging and reporting with FortiAnalyzer
- Centralized Quarantine for large scale deployments
- SNMP Support using Standard and Private MIB with Threshold-Based Traps
- External or Local Storage Server Support, including iSCSI devices
- External Syslog support

High Availability (HA)

- Supported in all Modes
- Active-Passive Mode
- Configuration Synchronization Mode (Configuration Master and Slave Mode)
- Quarantine and Mail Queue Synchronization
- Device Failure Detection and Notification
- Link Status, Failover and Redundant Interface Support

Antispam Profile

- FortiGuard Antispam Service
  - Global Sender Reputation
  - Spam and phishing URIs and email addresses
  - Spam Object checksums
  - Dynamic Heuristic Rules
- Outbreak Protection
- Greylisting for IPv4, IPv6 addresses and email accounts
- Local Sender Reputation (IPv4, IPv6 and End Point ID based)
- Behavioral Analysis
- Deep Email Header Inspection
- Flexible Action and Notification Profiles
- Third party Spam URI and Real-Time Blacklists (SURBL/RBL)
- Full category FortiGuard URL Filtering
- Quarantining, tagging and end user reporting
- PDF Scanning and Image Analysis
- Black/White Lists at Global, Domain, and User levels
- Bayesian Statistic Filtering
- Newsletter detection

Antivirus

- FortiGuard Antivirus Service
- Quarantine, Repackage, Replace, and Monitor Actions
- Nested Archive Scanning
- Malware Detection
- On-board code emulation
- Integration with FortiSandbox and FortiGuard Analytics for advanced threat protection
  - Emails are queued by FortiMail whilst FortiSandbox inspects the email contents for threats

Content-Based Protection

- Dictionary-based filtering in inbound or outbound direction
- Predefined HIPAA, GLBA and SOX dictionaries
- Filter by Attachment File Type
- Banned Word Filtering

Denial-of-Service Protection

- Inbound and Outbound Message Rate Limiting
- Recipient Address Attack
- Reverse DNS Check (Anti-Spoofing)
- Forged Sender Address

Encryption

- Identity-based Encryption for Push/Pull Delivery of Encrypted Messages
- S/MIME Support for Gateway-to-Gateway Encryption
- Support for strong-crypto protocols including HTTPS, SMTPS, SSH, IMAPS and POP3S

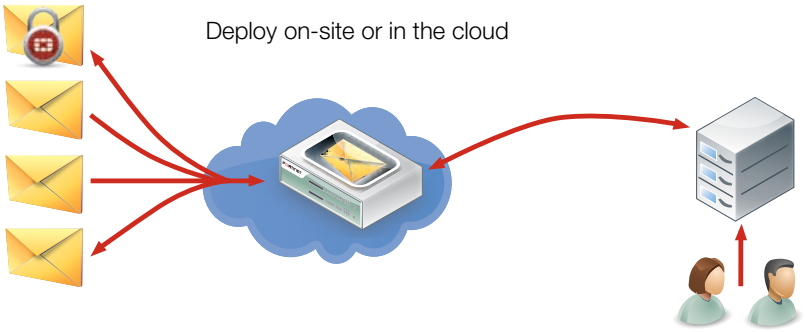
Server Mode Specific Features

- SMTP, IMAP, and POP3 Email Services
- SMTP over SSL Support
- Disk Quota Policy Support for User Accounts
- Secure WebMail Client Access
- User, Group and Alias List Support
- Local Account and LDAP Authentication
- WebMail Calendar
- Email Auto Reply and Forwarding Preference
- Address Book Synchronize with LDAP

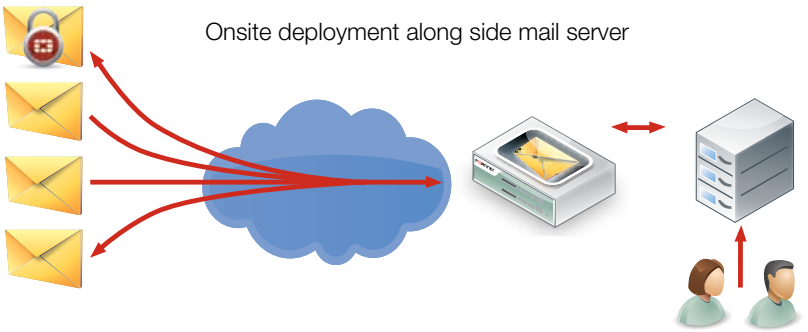
FortiMail Deployment Options

Choose from three modes of deployment — Transparent, Gateway, or Server mode – to meet your specific email security requirements, while minimizing infrastructure changes and service disruptions:

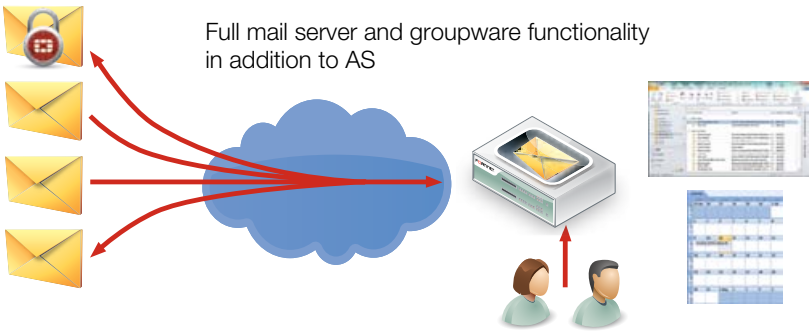
Gateway Mode: Provides inbound and outbound proxy mail transfer agent (MTA) services for existing email gateways. A simple DNS MX record change redirects email to FortiMail for antispam and antivirus scanning. The FortiMail device receives messages, scans for viruses and spam, then relays email to its destination email server for delivery.



Transparent Mode: Each network interface includes a proxy that receives and relays email. Each proxy can intercept SMTP sessions even though the destination IP address is not the FortiMail appliance. FortiMail scans for viruses and spam, then transmits email to the destination email server for delivery. This eliminates the need to change the DNS MX record, or to change the existing email server network configuration.

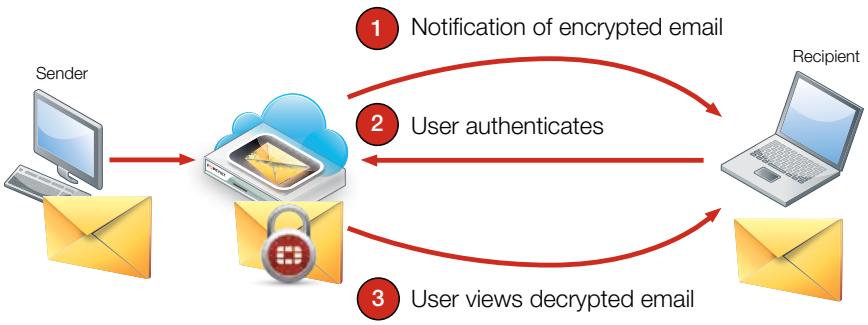


Server Mode: The FortiMail device acts as a stand-alone messaging server with full SMTP email server functionality, including flexible support for secure POP3, IMAP and WebMail access. FortiMail scans email for viruses and spam before delivery. As in Server mode, external MTAs connect to FortiMail, allowing it to function as a protected server.



Identity-Based Encryption (IBE)

IBE allows FortiMail to deliver confidential and regulated email securely — without requiring additional hardware, software user provisioning, or extra license fees. Use IBE to eliminate paper-based communications and reduce costs.



Policy-Based Encryption: Automatically encrypt messages for compliance, based on content or recipient.

Push or Pull Mode: Use Push, Pull, or a combination of modes to meet your requirements.

Easy to Deploy, Use, and Manage: Deploy IBE in any mode, including Transparent mode, without user provisioning or additional hardware or software.

SPECIFICATIONS

	FORTIMAIL 200D	FORTIMAIL 400C	FORTIMAIL 1000D	FORTIMAIL 3000C	FORTIMAIL 3000D
Recommended Deployment Scenarios					
	Small businesses, branch offices, and organizations with fewer than 400 users*	Small-to-midsized organizations with up to 1,000 users*	Mid to large enterprise, education and government departments with up to 3,000 users*	Universities, Large enterprise, ISP, Carrier	Highest performing appliance for the largest University, corporate, ISP and carrier customers
Hardware Specifications					
10/100/1000 Interfaces (Copper, RJ-45)	4	4	6	4	4
SFP Gigabit Ethernet Interface	0	0	2	2	2
Internal Backplane Base / Fabric Channel Interfaces	0	0	0	0	0
Redundant Hot Swappable Power Supplies	No	No	Yes	Yes	Yes
Storage	1x 1 TB	2x 1 TB	2x 2 TB (2x 2 TB Optional)	2x 1 TB (4x 1 TB Optional)	2x 2 TB (6x 2 TB Optional)
RAID Storage Management	No	Software: 0, 1	Hardware: 1, 5, 10, 50, Hot Spare (Based on Drive Count)	Hardware: 1, 5, 10, 50, Hot Spare (Based on Drive Count)	Hardware: 1, 5, 10, 50, Hot Spare (Based on Drive Count)
Form Factor	Rack Mount Appliance	Rack Mount Appliance	Rack Mount Appliance	Rack Mount Appliance	Rack Mount Appliance
System Specifications					
Email domains	20	100	800	2,000	2,000
Recipient-based policies (per Domain / per System) – incoming or outgoing	60 / 300	600 / 3,000	1,500 / 7,500	1,500 / 7,500	1,500 / 7,500
Server Mode Mailboxes	150	400	1,500	3,000	3,000
Antispam, Antivirus, Authentication, and Content Profiles (per Domain / per System)	50 / 60	50 / 200	50 / 600	50 / 600	50 / 600
Performance (Messages/Hour) [Without queuing based on 100 KB message size]					
Email Routing	76K	150K	680K	900K	1.5 Million
FortiGuard Antispam	68K	140K	620K	830K	1.4 Million
FortiGuard Antispam + Antivirus	58K	120K	500K	730K	1.3 Million
Dimensions					
Height x Width x Length (in)	1.75 x 17.05 x 13.86	1.70 x 17.10 x 14.30	3.46 x 17.24 x 14.49	3.46 x 17.40 x 29.00	3.46 x 18.99 x 29.00
Height x Width x Length (mm)	45 x 433 x 352	44 x 435 x 364	88 x 438 x 368	88 x 442 x 737	88 x 482 x 737
Weight	13.4 lbs (6.1 kg)	16.1 lbs (7.3 kg)	57.5 lbs (26.1 kg)	50.0 lbs (22.7 kg)	71.5 lbs (32.5 kg)
Environment					
Power Source			100–240 VAC, 50–60 Hz		
Maximum Power Required	1.00A/110V, 0.50A/220V	4.00A/110V, 2.00A/220V	3.50A/110V, 1.75A/220V	7.0A/110V, 3.5A/220V	10.0A/110V, 5.0A/220V
Power Consumption (AVG)	60 W	100 W	115 W	200 W	340 W
Heat Dissipation	205 BTU/h	342 BTU/h	471 BTU/h	683 BTU/h	1160 BTU/h
Humidity	5–95% non-condensing	10–90% non-condensing	5–95% non-condensing	5–95% non-condensing	20–90% non-condensing
Operating Temperature	32–104°F (0 – 40°C)	32–104°F (0–40°C)	32–104°F (0–40°C)	50–95°F (10–35°C)	50–95°F (10–35°C)
Storage Temperature	-13–158°F (-25–70°C)	-4–158°F (-20–70°C)	-13–158°F (-25–70°C)	-40–149°F (-40–65°C)	-40–149°F (-40–65°C)
Compliance					
	FCC Part 15 Class A, C-Tick, VCCI, CE, UL/cUL, CB			FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, KC, UL/cUL, CB, GOST	
Certifications					
	VBSpam and VB100 rated	VBSpam and VB100 rated, Common Criteria EAL 2+, FIPS 140-2 Validation	VBSpam and VB100 rated	VBSpam and VB100 rated, Common Criteria EAL 2+, FIPS 140-2 Validation	VBSpam and VB100 rated

* Recommended sizing for Gateway and Transparent deployments. For Server Mode, see Server Mode Mailbox metric.
If unsure, please validate the model selection by checking the peak mail flow rates and average message size detail with a FortiMail specialist.


FortiMail 200D


FortiMail 400C


FortiMail 1000D


FortiMail 3000C


FortiMail 3000D

SPECIFICATIONS

VIRTUAL APPLIANCES	VM00	VM01	VM02	VM04	VM08
Recommended Deployment Scenarios					
	Demo, testing, training and small enterprise use with fewer than 100 users*	Small businesses, branch offices, and organizations with fewer than 400 users*	Small-to-midsized organizations with up to 1,000 users*	Mid to large enterprise with up to 3,000 users*	Large Enterprise
Technical Specifications					
Hypervisors Supported	VMware ESXi / ESX 4.1 / 5.0 / 5.1 / 5.5				
Virtual Machine Form Factor	Open Virtualization Format (OVF)				
Maximum Virtual CPUs Supported	1	1	2	4	8
Virtual NICs Required (Min/Max)	1 / 4	1 / 4	1 / 4	1 / 4	1 / 4
Virtual Machine Storage Required (Min/Max)	50 GB / 1 TB	50 GB / 1 TB	50 GB / 2 TB	50 GB / 4 TB	50 GB / 8 TB
Virtual Machine Memory Required (Min/Max)	1 GB / 2 GB	1 GB / 2 GB	1 GB / 4 GB	1 GB / 8 GB	1 GB / 16 GB
Performance (Messages/Hour) [Without queuing based on 100 KB message size] **					
Email Routing	3.6K	34K	67K	306K	675K
FortiGuard Antispam	3.1K	30K	54K	279K	630K
FortiGuard Antispam + Antivirus	2.7K	26K	52K	225K	585K
System Specifications					
Email Domains	2	20	100	800	2,000
Recipient-Based Policies (Domain/System)	15 /30	60 /300	600 / 3,000	1,500 / 7,500	1,500 / 7,500
Server Mode Mailboxes	50	150	400	1,500	3,000
Profiles (Domain/System)	10 / 15	50 / 60	50 / 200	50 / 600	50 / 600

* Recommended sizing for Gateway and Transparent deployments. For Server Mode, see Server Mode Mailbox metric.
If unsure, please validate the model selection by checking the peak mail flow rates and average message size detail with a FortiMail specialist.

** Hardware dependent. Indicative figures based on multiple VMs running on a shared system.

GLOBAL HEADQUARTERS
Fortinet Inc.
899 Kifer Road
Sunnyvale, CA 94086
United States
Tel: +1.408.235.7700
Fax: +1.408.235.7737

EMEA SALES OFFICE
120 rue Albert Caquot
06560, Sophia Antipolis,
France
Tel: +33.4.8987.0510
Fax: +33.4.8987.0501

APAC SALES OFFICE
300 Beach Road #20-01
The Concourse
Singapore 199555
Tel: +65.6513.3730
Fax: +65.6223.6784

LATIN AMERICA SALES OFFICE
Prol. Paseo de la Reforma 115 Int. 702
Col. Lomas de Santa Fe,
C.P. 01219
Del. Alvaro Obregón
México D.F.
Tel: 011-52-(55) 5524-8480