

FortiManager

Centralized Management for
Fortinet Security Networks

Datasheet

Policy-Based Provisioning, Configuration and Update Management with Real-Time Monitoring

Managing Network Security

Networks are under constant attack from threats such as viruses that infect networks and computers, hackers that steal confidential information, denial of service attacks meant to create network outages and complex, blended security threats. Managing a security infrastructure to combat these threats is increasingly challenging as networks grow in size and complexity. Typically network and security administrators utilize multiple management applications to configure and maintain different products and varied network policies. As such, device configuration is uncoordinated, network visibility limited, reaction time to new threats slow, and uniformly managing device updates can be a daunting task. This leaves administrators, without the required network visibility and control, struggling to effectively manage network security.

Integrated Security Management and Control

FortiManager™ is a centralized management system that seamlessly works between and among Fortinet's family of multi-layered security solutions to provide coordinated policy-based provisioning, device configuration and update management, as well as end-to-end network monitoring and device control. FortiManager minimizes both initial deployment costs, as well as the ongoing operating expenses, to deploy, configure, monitor, and maintain a secure network. Role-based administration allows for defined user privileges only to specific management domains and specific functions. Device grouping enables collections of Fortinet security solutions to be aggregated into independent management domains to control administrative access and simplify policy deployment. Local hosting of updates to the threat signature and filter database minimizes threat response time and maximizes network protection.



FortiManager-100



FortiManager-400A



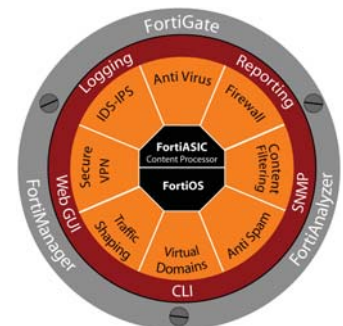
FortiManager-3000

Key Solution Features and Benefits

- | | |
|--|---|
| <ul style="list-style-type: none"> Centralizes configuration and monitoring of all FortiGate™ network protection functions | Simplifies deployments by utilizing powerful, dedicated, security-hardened platforms that provide all management functions |
| <ul style="list-style-type: none"> Enables local network hosting of updates to the AV/IPS signatures and web content filtering / antispam databases | Reduces the time to implement updates by functioning as a local version of the world-wide network of FortiGuard™ Distribution Servers (FDS) |
| <ul style="list-style-type: none"> Role-based administration allows administrator to assign subordinate rights to specific devices with appropriate read/write privileges | Enables distributed administration by dispersed personnel. Especially beneficial for Service Providers managing many different customer deployments |
| <ul style="list-style-type: none"> Creation, Storage, and automated Deployment of device and network Configurations | Decreases deployment time, lowers administration costs, and minimizes configuration errors |
| <ul style="list-style-type: none"> Script driven device configuration provides the ultimate flexibility and control | Powerful scripts and script libraries of device configurations and policies to be built for automating deployment of standard configuration and updates |

Dynamic Security Management Solutions

FortiManager provides secure web-based management interface for the configuration of FortiGate devices, network Policy Management and on-going monitoring and control of your network. Role based administration allows privileges to be set individually for each manager account enabling controlled access to all FortiManager functions. Seamless integration with FortiAnalyzer™ enables an enhanced set of capabilities designed for in-depth discovery, analysis, prioritization and reporting of network security events. Powerful management tools combined with real-time, actionable information gives you the knowledge and power necessary to implement a dynamic security management solution.



Integrated Platform for Centralized Management of Fortinet Security Solutions

System Management—System Level Empowerment

FortiManager's Security Management Console launches all other management functions. Utilize the Device, Deployment and Script Managers for complete device configuration and policy provisioning of FortiGate and FortiClient™ devices from deployment, through monitoring and maintenance, to updates of FortiOS™ and signature databases.



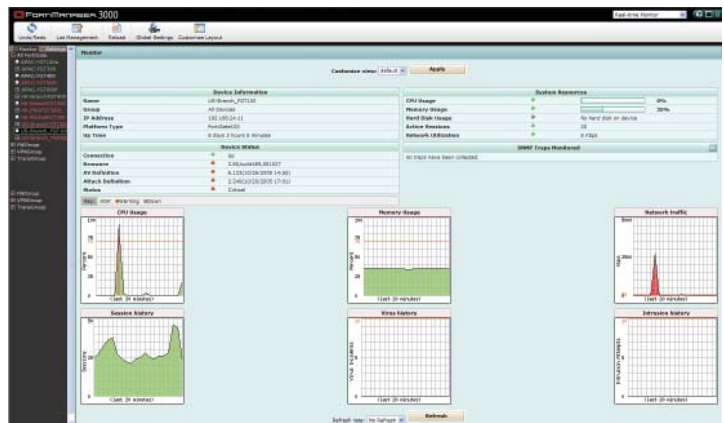
Policy Flexibility—Usability—Control

Enterprises and MSSPs deploy complex networks requiring sophisticated toolsets and capabilities that facilitate efficient management of devices, policies and security control. FortiManager's Policy, VPN and Script Manager functions are powerful tools that simplify the configuration, deployment, and ongoing management of secure networks including distributed and dynamic VPN networks. FortiManager also offers an industry unique capability which allows for rapid updates to security profiles through Update Manager. Update Manager localizes information from the FortiGuard Distribution Network, a global network of redundant, high-speed update servers, thereby allowing faster response to new security threats—often within minutes of a recognized outbreak.



Knowledge—Visibility—Scalability

FortiManager's Log & Report Manager and Real-Time Monitor provide easy access to the knowledge required to manage and secure complex networks. This is ideal for all types of networks—from large centralized Enterprises, to distributed Enterprises and dynamic VPN networks, to managed Service Provider networks, the scalable architecture of FortiManager delivers. FortiManager can also be utilized with FortiAnalyzer to offer enhanced real-time and historical reporting, logging, data mining and vulnerability assessment in a tightly integrated solution that can scale to meet the demands of the largest networks.



FortiManager Technical Specifications



Feature	FortiManager-100	FortiManager-400A	FortiManager-3000
Security Hardened Platform.....	Yes	Yes	Yes
Number of Licensed Network Devices**	10	200	500
Number of FortiClient Devices	100	2000	5000
10/100 Ethernet.....	4	4	N/A
10/100/1000 Ethernet.....	N/A	2	2
RS-232 Console Connection Port.....	Yes	Yes	Yes
LCD Display.....	No	Yes	Yes
Internal Hard Drive Capacity	250GB	250GB	250GB
High Availability Configurations	Yes	Yes	Yes
Redundant Hot-Swappable Power Supplies	N/A	N/A	Yes
Logging and Reporting Capabilities	External FortiAnalyzer	External FortiAnalyzer	External FortiAnalyzer
Dimensions (H, W, L)	2 x 13.5 x 6.75 in. (5 x 33.7 x 17.5 cm)	1.75 x 16.8 x 10 in. (4.5 x 42.7 x 25.4 cm)	3.5 x 16.75 x 13.5 in. (8.9 x 42.7 x 33)
Weight.....	4.4 lbs (2 kg)	7.3 lbs (3.3 kg)	17.5 lbs (8 kg)
Rack Mountable	Yes	Yes	Yes
Input Voltage	100-240 VAC	100-240 VAC	100-240 VAC
Input Current.....	0.8A	1.6A	6A
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	
Regulatory		FCC Class A Part 15	
		CE	
Recommended Managed FortiGate Models	FG-50-100A	FG-50-800	All

** A licensed network device may be one of the following types:
 (1) FortiGate device without VDOM mode enabled
 or (1) VDOM if FortiGate device is running in multiple VDOM mode

Fortinet Unified Security Solutions

FortiManager devices support the following configuration and management features:

- Device, Deployment & Policy Managers**

The Device, Deployment and Policy Managers provide quick configuration of a single device or a group of devices. They include powerful capabilities such as device discovery, group management, deployment configuration management and overall policy management.
- Real-Time Monitor**

Actively monitor the status of large numbers of FortiGate devices at a glance. Apply filter profiles and thresholds individually or to groups of FortiGate devices. Flexibly define alerting and alarming methods including email alerts and SNMP trap destinations.
- Log & Report Managers**

The Log and Report Managers enables you to browse log files and log messages, configure log settings for your managed devices and synchronize with FortiAnalyzer. Integrate with bound to FortiAnalyzer for complete control of logging and reporting, and to perform FortiAnalyzer tasks within the FortiManager system.
- Update Manager**

The Update Manager acts as an "on-site" FortiGuard Distribution Network (FDN) which reduces the time to implement updated AV/IPS signatures and databases. The FDN is a world-wide network of FortiGuard Distribution servers (FDS) that provide the most current AV/IPS signatures, web filtering and Antispam databases.
- Firmware Manager**

Easily manage FortiGate firmware and upgrades on a single FortiGate device or several FortiGate devices and groups.
- VPN Manager**

Simplified VPN deployment, management, and monitoring of FortiGate units, external VPN peers and clients. For convenience, traffic profiles, IPSec authentication, IPSec tunnel creation parameters and custom services can be stored as reusable configuration objects.
- Script Manager**

Enables deployment of configuration scripts directly to devices providing the ultimate in configuration flexibility and control.
- FortiClient Manager**

Manage FortiClient installations in real-time through a powerful interface and relieve the burden of inventory, status and policy management while ensuring the integrity and consistency of all users in the network.

Empowerment

You are in complete control of network security with FortiManager device and policy management with the power to flexibly configure security modules and the ability to rapidly implement new FortiGuard Center updates.

Convenience

Deploying and operating your secure network is quick and easy with a secure web-based user interface to access a complete FCAPS (Faults, Configuration, Accounting, Provisioning and Security) toolset including reusable configuration objects, configurable alarming destination and delivery methods, as well as SNMP support.

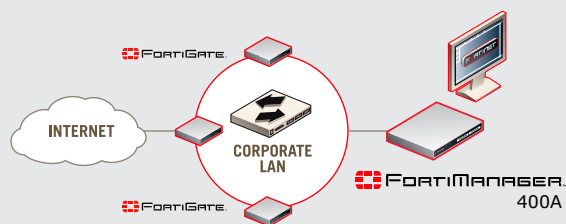
Scalability

FortiManager is available on a range of high-performance platforms to fit your network requirements. Furthermore FortiAnalyzer can be added to your network as needed for advanced logging and reporting. FortiManager and FortiAnalyzer work seamlessly together to ensure you have the control and knowledge to keep your network secure.

TYPICAL APPLICATIONS

FortiManager-100/400A

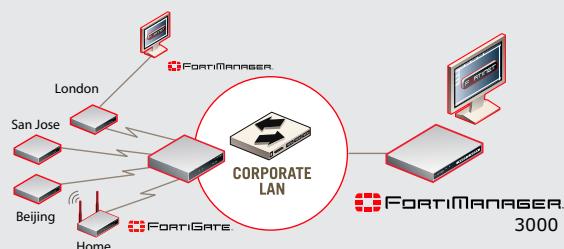
Small-Medium FortiGate Networks up to 200 FortiGate Devices



Small - Medium Enterprise Network

FortiManager 3000

Mid-Sized FortiGate Networks up to 500 FortiGate Devices



Distributed Enterprise Network
with Role-Based Administration at Remote Location

TECHNICAL SPECIFICATIONS: FortiManager provides the following features

GENERAL SYSTEM FUNCTIONS

- Role-Based Administration
- Multiple Domain Login
- Secure Web Based User Interface
- Encrypted Communication Between FortiManager Server and FortiGate Devices
- Mutual Authentication Between FortiManager Server and FortiGate Devices
- Integrated Relational Database
- Launch Management Modules
- Launch Administration Console
- Online Help
- View System Information / Resources
- View License Information
- View Operational History
- View Session Information
- Configure Basic System Settings
- View Alert Messages
- View System Resource Information
- View FortiAnalyzer Connection Status
- Configuration Backup / Restore
- Restore Factory Default System Settings
- Format Internal Disks
- Change the Firmware
- Change the Host Name
- Link to FDN Update Center

LOG & REPORT MANAGER

- Log Viewer and Logging Parameters
- Logs Stored in Central Data Repository
- View and Configure Logs (System Security Events, Traffic Summary, Content, Archive, Logs, Quarantine, Reports)
- Schedule Automatic Log and Configuration Backup
- Log Backup to Client Computer
- Secure Integration with FortiAnalyzer

DEVICE, DEPLOYMENT & POLICY MANAGER

- Add/Change/Delete Devices or Groups of Devices
- Add/Change/Delete Filter Lists
- Administrative Parameters

- Basic System Properties
- Antivirus Parameters
- Firewall Parameters
- High Availability Parameters
- Dynamic Intrusion Detection and Prevention Parameters
- Content Filtering Parameters
- FortiGuard-Web Filtering Parameters
- FortiGuard-Antispam Parameters
- Addresses
- Services
- Schedules
- Users/User Group
- Configuration Synchronization
- Configuration Backup and Restore
- FortiManager Diagnostics
- Virtual IP
- Traffic Shaping

REAL-TIME MONITOR

- Device Status Monitoring
- System Health Monitoring
- Session Monitoring
- Traffic Monitoring
- Virus Monitoring
- Device and Device Group-Based Monitoring
- Custom views / filters
- Monitor Devices or Device Groups
- Set Group Thresholds
- Monitor HA Service

SCRIPT MANAGER

- View / Edit / Save Scripts
- Deploy Scripts
- Validate Scripts

VPN MANAGER

- Configure / Monitor Internal / External VPN Devices, Parameters and Policies
- Manage/ Monitor External VPN Peers and Clients
- Create VPN Tunnels
- Configure Traffic Profiles
- Configure IPSec Authentication Parameters

- Create Custom Services
- Reusable Configuration Objects

UPDATE MANAGER

- Add/Change/Delete FortiGate Devices
- Monitor FortiGate Status
- Connect to FortiGuard Distribution Network
- Update antivirus and Attack Definitions
- Scheduled / Manual FDN Updates
- View AV/IP Packages and Statistics
- Configure FDN Web Filter/Antispam Services
- Manual Database Uploads
- Logging & Reporting of FDN Server and Device Statistics by Security Service
- FM-100 and FM-400A Update Manager Supports AV+IPS Signatures
- FM-3000 Update Manager Supports AV+IPS, Plus WCF and AS Signatures

FIRMWARE MANAGER

- Manage FortiGate Device Firmware Images
- Transfer FortiGate Firmware Images to FortiManager
- Set Firmware Images for FortiGate Devices
- Upgrade/Downgrade FortiGate Device Firmwares

FORTIMANAGER HA

- Configure HA options / Monitor HA Status
- Synchronizing the FortiManager Configuration and HA Heartbeat Monitoring Interfaces
- HA Failover

FORTICLIENT MANAGER

- Device Inventory
- Device Status
- Operating System Monitoring
- Policy Management
- Configuration Lock Down
- Event Logging

Supported Devices

- FortiGate-50/50A
- FortiGate-50B
- FortiGate-60
- FortiWiFi-60 / 60M / 60A / 60AM
- FortiGate 60-ADSL
- FortiGate-100/100A
- FortiGate-200/200A
- FortiGate-300/300A
- FortiGate-400/400A
- FortiGate-500/500A
- FortiGate-800/800F
- FortiGate-1000
- FortiGate-1000A/FA2
- FortiGate-3000
- FortiGate-3600
- FortiGate-3600A
- FortiGate-5001 SX / FA2
- FortiGate-5005FA2
- FortiClient PC

FortiCare™ Support Services

Includes:

- 24 X 7 X 365 FortiCare Web Service *
- Email Technical Support **
- One-Year Limited Hardware Warranty
- 90-Day Limited Software Warranty

* Annual renewal required to maintain service
 ** 24 X 7 Telephone Technical Support available

FORTINET

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