DATASHEET

FortiGuard®

Global Security Research and Protection

FortiGuard Labs

More than 125 security threat researchers, engineers, and forensic specialists comprise the FortiGuard Labs team. Operating in Canada, China, France, Japan, Malaysia and the United States, this team provides around the clock and around the globe coverage to assure some of the fastest response times in the industry to new viruses, vulnerabilities, attacks, and malicious threats. The FortiGuard team collaborates with the world's leading threat monitoring organizations to advise and learn of new and emerging threats. Additionally, the team contributes to the overall security industry by identifying and responsibly reporting vulnerabilities directly to vendors of hardware, operating systems, and applications.

FortiGuard Security Subscription Services

The Fortinet FortiGuard Security Subscription Services provide comprehensive antivirus/antispyware, intrusion prevention, web filtering, antispam, application control, database security, vulnerability management, and web application firewall capabilities to enable unified protection against multiple threats. These services were designed from the ground up to optimize performance and maximize protection afforded by Fortinet security platforms. Since Fortinet developed and delivers these services, there is an inherent synergy and integration that further increases their collective effectiveness. FortiGuard services are continuously updated by FortiGuard Labs. This team enables Fortinet to deliver a combination of multi-layered security knowledge and provide true zero-day protection from new and emerging threats. FortiGuard services updates are delivered via a global distribution network to FortiGate®, FortiWiFi™, FortiMail™, FortiAnalyzer™, FortiScan™, FortiDB™, FortiWeb™, FortiClient™ and FortiMobile™ products.

FortiGuard Labs operate in Canada, China, France, Japan, Malaysia and the United States

In a typical week, FortiGuard Labs add or update approximately:

- 100,000 antivirus signatures
- 34 intrusion prevention (IPS) signatures
- 500,000 URLs ratings for Web filtering with more than 65 languages supported
- 30,000,000 antispam signatures

In addition, FortiGuard Labs deliver comprehensive protection with more than

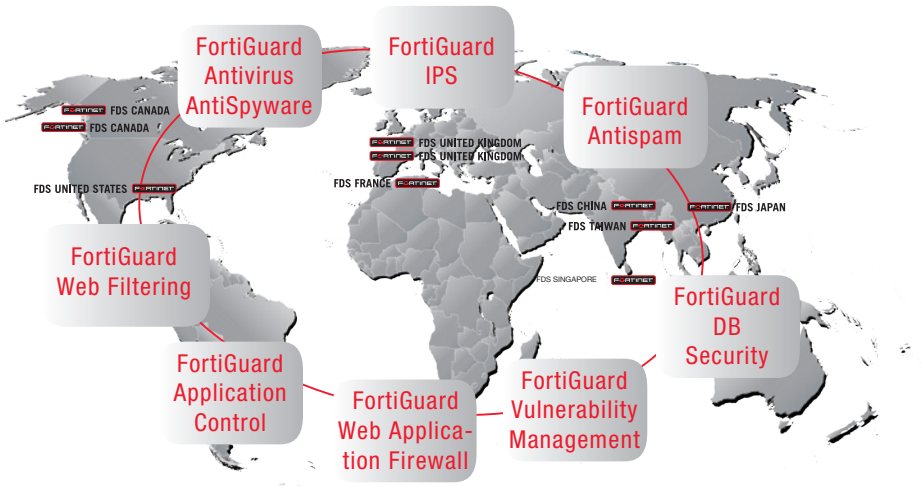
- 1,400 application control signatures
- 576 database security policies
- 7,400 vulnerability management signatures
- 1,000 web application firewall attack signatures

Features	Benefits
FortiGuard Services Automated Updates	Administrators spend less time keeping defenses up-to-date with the latest knowledge base of viruses, spyware, worms, vulnerabilities, exploits, spam and dangerous web content sites.
Industry Leading Threat Response Time	Customers benefit from the earliest protection possible, resulting in less network downtime due to malware infections, intrusions, and other attacks.
Proactive Threat Library	Protection from current and emerging threats results in fewer losses due to ever-changing threats.
Global Security Research Team	Security services content is created, updated and managed by a global team of Fortinet security professionals working around-the-clock, seven days-a-week to ensure that the latest attacks are detected and blocked.

FortiGuard Security Subscription Service Features

FortiGuard Services include:

Antivirus / Antispyware	Provides fully automated updates to ensure protection against the latest threats. These are delivered via a global high speed distribution network for fast and reliable access to critical signature updates. Optionally, the FortiGuard Premier Signature Service is available for antivirus that offers guaranteed Service Level Agreements (SLAs) for malware threats.
Intrusion Prevention	Arms Fortinet customers with the latest defenses against network-based threats. Fortinet's Global Security Research Team works with worldwide organizations around the clock to shield against the latest application and OS vulnerabilities. Optionally, the FortiGuard Premier Signature Service is available for IPS that offers guaranteed Service Level Agreements (SLAs) for malware threats.
Web Filtering	Enables Fortinet products to block and monitor web activities, in order to enable customers to meet government regulations and enforce corporate internet usage policies. The massive web content rating databases of FortiGuard power one of the industry's most accurate web filtering service.
Antispam	Using multiple collection techniques, FortiGuard Labs develop and maintain accurate lists of spammers and spam content. Advanced antispam detection capabilities provide greater protection than standard Real Time Blacklists (RBLs).
Application Control	Protects managed desktops and servers by allowing or denying network application usage using protection profiles and policies. Enterprise applications, databases, web mail, social networking applications, IM/P2P, and file transfer protocols can all be identified accurately by sophisticated detection signatures.
Database Security	Offers centrally-managed, enterprise-scale, database hardening. Integral to their power are hundreds of policies that cover known exploits, configuration weaknesses, OS issues, operational risks, and data access privileges.
Vulnerability Management	Enables organizations to minimize the risk of vulnerabilities by quickly discovering vulnerabilities, measuring the potential risk, and then providing the information necessary to mitigate those risks. Additionally, a compliance reporting function provides organizations with actionable reports that can identify areas for remediation.
Web Application Firewall	Protects web applications and web services against SQL injection, cross-site scripting and a range of other attacks. The WAF service also includes hundreds of vulnerability scan signatures, hundreds of data type patterns, web robot patterns, and suspicious URL patterns.



FortiGuard Distribution Network

The FortiGuard Distribution Network has data centers around the world located in secure, high-availability locations that automatically deliver updates to the Fortinet security platforms. With the FortiGuard Subscription Services enabled, customers can rest assured that their Fortinet security platforms are performing optimally and protecting their corporate assets with the latest security technology.

FortiGuard Labs

- Deliver real-time automated updates
- Industry leading threat response time
- Comprehensive threat library
- 24x7x365 operations
- Powered by Fortinet's in-house global threat research teams

FortiGuard Subscription Services

Antivirus / Antispyware Service

- Automated content updates keeps defenses up-to-date with the latest virus, spyware, and heuristic detection engines.
- Proactive threat library provides protection against all Wild List threats and thousands of popular operating system and application vulnerabilities.
- Fast implementation with no ongoing overhead for true "set and forget" functionality.
- Both Push and Pull updates provide the fastest possible update times.
- Device-based licensing significantly lowers entry cost and ongoing maintenance costs year over year.

Intrusion Prevention Service

- Automated updates keep intrusion detection and prevention defenses up-to-date with the latest security content and detection engines.
- Comprehensive Intrusion Prevention System (IPS) Library
- Flexible policies enable full control of all attack detection methods to suit the most demanding security applications.
- Both Push and Pull methods are supported to provide the fastest possible update times.
- Device-based licensing significantly lowers entry cost and ongoing maintenance costs year over year.

Antispam Service

- Dual pass detection technology significantly reduces the volume of spam email at the perimeter before it enters the corporate network, significantly reducing email attacks, infections and the number of irritating email.
- Customizable policies allow extreme flexibility with ability to set antispam filtering policies for each interface, department, or group of users.
- Device-based licensing results in low implementation costs with no per-user operational costs for highly attractive TCO.
- Easy setup with just a few clicks of your mouse.
- Flexible Deployment can be enabled on FortiGate and FortiMail systems.

Web Filtering Service

- Granular blocking and filtering provides fast and easy way to select Web categories to allow, log, or block.
- Comprehensive URL database with dozens of categories and high accuracy provide rapid and comprehensive protection.
- Device-based licensing results in low implementation costs with no per-user operational costs for highly attractive TCO.

Application Control Service

- Automated updates keep application control signatures up-to-date.
- Fortinet is a leader in application control with one of the largest signature datasets.
- Eighteen categories are used to group application signature which greatly simplifies set up
- Both blacklist and whitelist approaches can be used separately and in combination.

Database Security Service

- Automated policy updates provide ever-growing and enhanced policies to increase value.
- Policy versioning to keep track of pre-defined policies and generate reports with the policy information that existed when the original scan was run.
- Policies provide dynamic protection for FortiDB features, reports with expert-level remediation advice, and automated near real-time detection.

Vulnerability Management Service

- Asset prioritization allows network security managers to focus on the items that will most effectively reduce risk on critical systems.
- Scan reports provide a link to an existing FortiOS IPS signature and a solution (whenever possible).
- Hundreds of compliance policies are ready to use "out of the box" with regular FortiGuard updates.

Web Application Firewall Service

- Automated updates provide regular additions and updates to WAF signatures
- Web application firewall protection leverages signature and pattern matching
- Supports PCI DSS 6.5 and 6.6 compliance by protecting against OWASP top 10 web application vulnerabilities and using web application firewall technology to block web-based attacks.

FortiGuard Premier Signature Service

With the FortiGuard Premier Signature Service, customers can submit requests for custom virus or IPS signatures. This service includes a service-level agreement with a contractual warranty of response time. Features and benefits of service include:

- Flexible pricing options for three or seven submissions per month (Tier I or Tier II)
- 24x7 updates for both AV and IPS signatures
- Proactive alert notification of possible new outbreaks
- Monthly virus and IPS activity reports
- Global support with regional service

For the AV service, Fortinet will provide updated virus signatures to Customer within 4 hours. For the IPS service, Fortinet will provide an initial response in 4 hours, a detailed response in 12, and detailed analysis in 48. Existing FortiCare support and FortiGuard service contracts are required on all units that are being covered under this service.

FortiGuard Center—Online Security Portal

The FortiGuard Center is a comprehensive on-line resource providing a rich security knowledge base and technical resources including:

- Latest threats that have been newly detected worldwide
- Interactive world map for country-by-country threat ranking
- Advisories, analysis, and reports that include Fortinet's exclusive monthly high-level analysis of the overall threat landscape and weekly updates that include coverage of Microsoft's "Super Tuesday"
- Searchable library of spyware, virus, web filtering, and antispam attacks
- Encyclopedia that provides detailed descriptions of vulnerabilities affecting popular operating systems and applications
- Virus, spyware, spam, and dangerous Web URL Submission Service
- Technical resources for mobile threats index, spyware terms and classifications, Web filtering categories and classifications, and information about flittering techniques of the antispam service
- Online virus scanner and submission

Virus World Map

FortiGuard center can be accessed at:
http://www.fortiguard.com/

FortiCare™ Support Services provide global support for all Fortinet products and services. FortiCare support enables your Fortinet products to perform optimally. Support plans start with 8x5 Enhanced Support with "return and replace" hardware replacement or 24x7 Comprehensive Support with advanced replacement. Options include Premium Support, Premium RMA, and Professional Services. All hardware products include a 1-year limited hardware warranty and 90-day limited software warranty.

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