

FortiWeb™ -1000B

Medium Enterprise
Large Enterprise

Datasheet

Combined Web Application and XML Firewall

While web applications are now an integral part of every company's core business infrastructure, they also provide a high profile target for malicious activities. These malicious activities can range from simple defacement attacks to more damaging denial of service attacks or data harvesting attacks. The more serious malicious activity can result in damage to customer confidence and loyalty, brand reputation, and corporate credibility. Mandated by the Payment Card and Industry Data Security Standard (PCI DSS) regulatory framework, the protection of web applications are a tremendous challenge that traditional security tools are unable to solve.

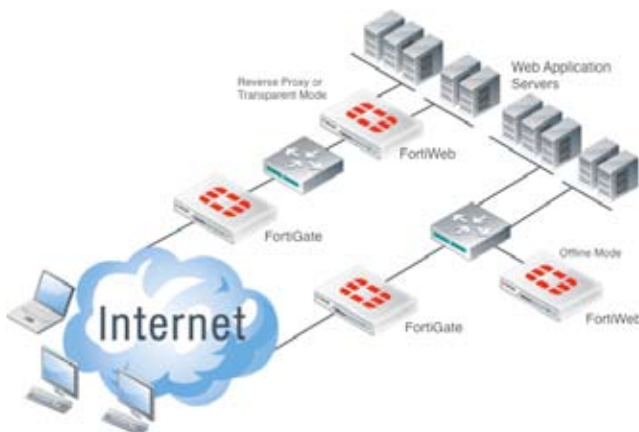
The FortiWeb-1000B appliance protects web applications and web services from attacks and data loss. Using advanced techniques to protect against SQL injection, Cross site scripting and a range of other attacks, FortiWeb appliances help to prevent identity theft, financial fraud, and corporate espionage that can result in significant damage to a corporation's bottom-line. With Web Application Firewall, XML Firewall, Web Traffic Acceleration, and Application Traffic Balancer capabilities built into one hardware accelerated platform, the FortiWeb-1000B appliance meets data security standards, reduces deployment effort, and offers cost-effective web application security for any medium or large enterprise.



FortiWeb-1000B (FWB-1000B)

FLEXIBLE DEPLOYMENT OPTIONS

FortiWeb supports inline reverse proxy, transparent, and offline deployment modes. It provides a totally flexible solution to introduce FortiWeb into existing network implementations without the need for a network-level redesign. The offline mode and transparent mode can monitor and analyze real time web traffic, without requiring changes to the existing web application or network infrastructure.



Features

Benefits

- Inline Reverse Proxy, Transparent, and Offline Deployment Modes**
 Introduces FortiWeb appliances into existing network implementations without the need for a network level redesign. The offline and transparent modes monitor and analyze real time web traffic without requiring changes to web application and network infrastructure
- Auto-Learning Security Profiles**
 Discovers the structure and usage pattern of web applications to be protected, removes the need for manual configuration of access policies and security profiles
- Web Application Protection**
 Enables the detection, alerting, and blocking of attacks targeted at web applications including SQL Injection, Cross Site Scripting, Hidden Field Manipulation and Denial of Service protection.
- Web Services Protection**
 Provides an XML firewall capability with schema validation, XML Firewall, IPS and routing capabilities
- Logging and Reporting**
 Ability to pin point specific details when an attack occurs. Hundreds of out-of-the-box reports allow administrators or auditors to analyze attacks, events, and traffic for regulatory compliance purposes
- High Performance and Availability**
 Ability to process tens of thousands of web transactions and offload SSL decryption functions. The high availability mode provides configuration synchronization, and allows for a network level failover in the event unexpected potential outage events

TECHNICAL SPECIFICATIONS

HARDWARE SPECIFICATIONS

FWB-1000B

| | |
|--------------------------------------|--------------------|
| Total 10/100/1000 Interfaces (RJ-45) | 4 |
| USB Ports | 2 |
| Local Storage Included | 1 TB (1 x 1TB HDD) |
| Optional Storage Capacity | 2 TB (2 x 1TB HDD) |

SYSTEM PERFORMANCE

| | |
|----------------------------------|---|
| Throughput (HTTP) | 500 Mbps |
| Concurrent Sessions (HTTP) | 50,000 |
| Maximum Transactions / Second | 20,000 |
| Deployment Modes | Inline Reverse Proxy, Transparent, or Offline |
| High Availability Configurations | Active/Passive |

DIMENSIONS

| | |
|-------------------------|--|
| Height | 1.7 in (4.3 cm) |
| Width | 16.7 in (42.6 cm) |
| Length | 30.4 in (77.2 cm) |
| Weight | 36 lb (16.3 kg) |
| Rack Mountable | Yes |
| AC Power | 100 - 240 VAC, 60 - 50 Hz, 4.8 Amp (Max) |
| Power Consumption (AVG) | 260 W |

ENVIRONMENT

| | |
|-----------------------|------------------------------------|
| Operating temperature | 50 to 95 deg F (10 - 35 deg C) |
| Storage temperature | -40 to 149 deg F (-40 to 65 deg C) |
| Humidity | 5 to 95% non-condensing |
| Compliance | FCC Class A Part 15, CE Mark |

All performance values are "up to" and vary depending on system configuration

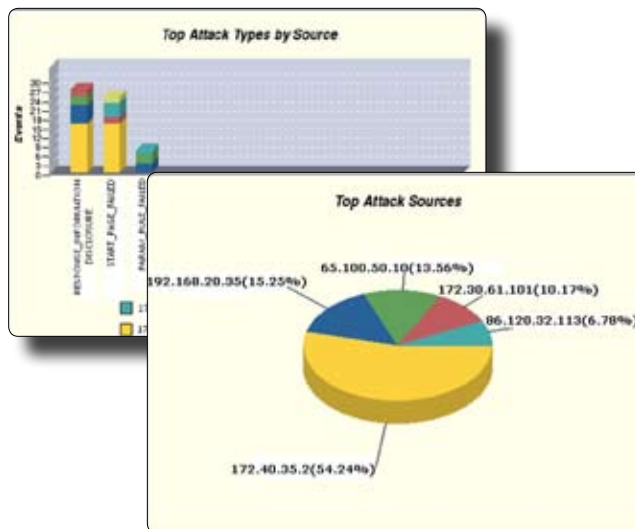
FortiWeb Protects Against:

| | |
|----------------------------|--------------------------|
| Cross site scripting | Directory traversal |
| SQL injection | Site reconnaissance |
| Session hijacking | Search engine hacking |
| Cookie tampering/poisoning | Brute force login |
| Cross site request forgery | Access rate control |
| Command injection | Schema poisoning |
| Remote file inclusion | XML parameter tampering |
| Forms tampering | XML intrusion prevention |
| Hidden field manipulation | WSDL scanning |
| Outbound data leakage | Recursive payload |
| HTTP request smuggling | External entity attack |
| Encoding attacks | Buffer overflows |
| Broken access control | Denial of service |
| Forceful browsing | |

This list may not reflect the most up-to-date security content. Reference the FortiGuard research team web site for the latest information.

LOGGING AND REPORTING

The extensive and accurate logging capabilities allow web application administrators to pin point the specific details associated with an attack. Hundreds of out-of-the-box report types allow administrators or auditors to analyze attacks, events, and traffic for PCI regulatory compliance purpose.



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