Panda
GateDefender Integra eSeries
Unified, flexible business protection and connectivity

Corporate security needs and the sophistication of companies' network infrastructures demand flexible, versatile and easy-to-use perimeter protection devices.

The growing complexity of corporate environments, traditionally focused on providing a safe work environment by limiting outgoing connections, clashes with modern-day business needs. Workers now have several computing devices at their disposal (laptops, smartphones, etc.) both inside and outside the office, and exchange information constantly in different ways: directly from one device to another, via the Internet or through the corporate network servers.

Panda Gatedefender Integra eSeries is a perimeter security service designed to neutralize viruses, spam and unauthorized access at the Internet gateway through a complete set of resources which leverage Collective Intelligence technologies.

The solution: Panda GateDefender Integra eSeries

Panda GateDefender Integra eSeries is a unified perimeter security device that protects against all types of threats and provides flexible connectivity. Its single, easy-to-use interface accessible anytime from the cloud offers the following protections:

- **Firewall:** Ensures that inbound/outbound communications comply with the security policy.
- **Intrusion prevention system (IPS):** Prevents intrusion attacks.
- **Antimalware:** Protects against all types of malicious software.
- **Content filter:** Scans inbound and outbound traffic for dangerous content.
- **Antispam:** Keeps email traffic free from junk mail.
- **Web filter:** Restricts access to non-work-related Web content.

Panda GateDefender Integra eSeries ensures secure, flexible connectivity through:

- **Multiple connection technologies to access** the Internet and your corporate network. Compatible with USB/ADSL/UMTS/GPRS/3G/Wireless devices.
- **Line backup:** High availability to mitigate the risk of Internet connection failure.
- **VPN:** Secure communication between remote offices, and between roaming workers and head offices/branches.
- **Hotspot:** Grants controlled, temporary Internet access to guests or visitors to your business.

Main benefits

- ▷ **All-in-one gateway security** against all types of infection and intrusion attempts right from the start. Faster response to new malware threats via automatic updates and queries to the cloud.

- ▷ **Flexible connectivity** for secure communication between remote offices, and roaming workers with mobile devices. Internet access control for people visiting your business.

- ▷ **Flexible, cloud-based management** to centrally monitor, manage and update appliances quickly and easily, anywhere, anytime.

- ▷ **Increased user productivity and optimized bandwidth usage** thanks to spam neutralization, restricted access to unproductive content and services, and bandwidth usage control.

- ▷ **High Internet availability**. Its routing policies allow configuration of multiple high-availability lines, as well as installation of multiple appliances in parallel to deliver fault-tolerant, secure connectivity.

eSoho

eSB

MODELS

Two separate models cover the needs of all small companies:

Hardware Model	Recommended Number of Users	Firewall Throughput*	SMTP Throughput*	HTTP Throughput*	IPS Throughput*	10/100/1000 Eth ports
eSoho	Up to 25	99 Mbs	76.000 mails/day	29 Mbs	15 Mbs	4
eSB	Up to 50	261 Mbs	83.800 mails/day	36 Mbs	49 Mbs	4

* Measures taken with all the protections enabled.

PANDA
SECURITY

Internet access control and protection

Maximum protection and performance at gateway level. It scans the most widely used protocols:

• HTTP, HTTPS, FTP, SMTP and POP3 for content
• TCP, UDP and ICMP for network intrusions (IPS)
• SSL, IPSec and L2TP for VPN.

Total control over outbound/inbound Internet communication through firewall rules and protocol identification (P2P, VoIP, IM, Spotify and other).

Complete antimalware and antispam

It protects Web and email traffic detecting and blocking all types of threats and junk mail. It quarantines suspicious files and messages, allowing administrators to review, restore or delete the items.

It includes heuristic technologies for protecting the corporate network against unknown malware, viruses, Trojans, worms, phishing, jokes, spyware, dialers and hacking tools.

Security policy

The Content Filter protection allows administrators to define the company's security policies, setting filters for both inbound and outbound files and/or email and preventing confidential or personal data from leaving the company.

Bandwidth management and optimization

Thanks to its Web filtering and QoS features, **Panda Gatedefender Integra eSeries** increases productivity by prohibiting user access to inappropriate websites and preventing the use of bandwidth-exhausting applications (streaming, VoIP, P2P).

Additionally, the Web proxy feature allows administrators to optimize Internet bandwidth usage, caching the most commonly accessed pages.

Automatic updates

Real-time, cloud-based antispam provides instant detection of new spam in circulation.

Both the Web-filtering signature file and the IPS and antivirus rules file are automatically updated every 60 minutes.

Cloud-based management

Panda Perimeter Management Console lets you monitor the status of all **Panda GateDefender Integra eSeries** appliances from a single location, accessible from the cloud at any time. Network administrators will be able to remotely update and monitor them as well as change their settings simply and quickly.

High Internet availability

Its advanced routing and high availability features allow administrators to select alternative Internet access lines if the primary Internet connection fails or is temporarily down.

Additionally, **Panda Gatedefender Integra eSeries** can use 3G USB modems to connect to the Web in the event of Internet connection failure.

Flexible, secure connectivity

Its VPN encrypts all communications between offices and allows secure remote access to corporate resources.

It combines host-to-host, host-to-net and net-to-net VPNs and supports the SSL, IPSec, and L2TP protocols in client and server mode for PCs, iPhone®, iPad®, Android platforms, and other mobile phone platforms.

Hotspot management

It allows administrators to grant controlled, temporary cable or wireless Internet access to guests or visitors to your business, regardless of the device they are using. Its advanced configuration options allow organizations to create, eliminate or update the connection settings down to the smallest detail.
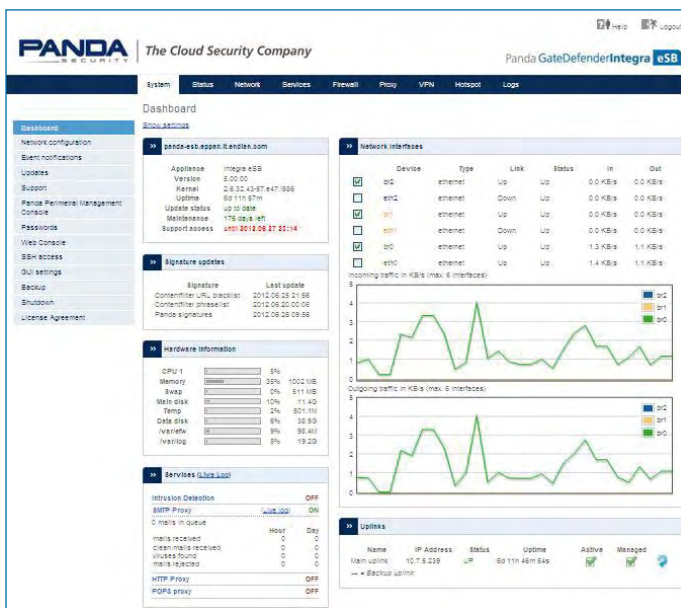
Panda Security Certifications

Panda
GateDefender Performa eSeries
Complete, flexible perimeter security
for corporate networks

Large companies are subject to a wide variety of attacks and require complete, easy-to-use security solutions that ensure optimal performance.

Medium to large-sized companies have complex IT infrastructures, and face specific challenges in that a large part of their user base is **'spread out' across multiple sites**. The "Bring Your Own Device" (BYOD) movement has **increased the diversity of the network devices** to protect, and there is a growing need for **reliable, uninterrupted security services** that are **easy to integrate and manage**.

Panda GateDefender Performa eSeries offers a wide range of high-performance, integrated security solutions that ensure continuous perimeter antivirus protection. The solution is available in three versions: hardware, compatible with virtualization engines, and software only.

The solution: Panda GateDefender Performa eSeries

Panda GateDefender Performa eSeries offers a wide range of integrated perimeter security solutions designed to protect medium to large-sized companies (from 50 to 2,500 seats (*)) against all types of threats:

- **Firewall and intrusion prevention system:** Prevents unauthorized access to your corporate network.
- **Anti-malware:** Protects against all types of malicious software.
- **Anti-spam, Web filtering and content filtering:** Prevents unwanted network traffic and enforces corporate policies restricting access to corporate data.

In addition, **Panda GateDefender Performa eSeries** meets the most common needs of mid- and large sized businesses:

- **Network traffic monitor & QoS** to minimize unproductive and ineffective usage of precious network bandwidth.
- **Flexible connectivity** between branch offices and roaming users thanks to **VPN** technologies (IPSec, SSL and L2TP), both from desktop devices and smartphones.
- **High,** Internet and service **availability**, with backup technologies such as ADSL / UMTS / GPRS / 3G / 4G.
- Flexible **accessibility**, allowing for centralized and secure monitoring, management and updating of all appliances on the network anytime, anywhere, with **Panda Perimetral Management Console**.

Main benefits

- ▷ **All-in-one gateway security** against all types of infections and intrusion attempts right from the start. Faster response to new malware threats via automatic updates and queries to the cloud.

- ▷ **Flexible, cloud-based management** to centrally monitor, manage and configure all appliances quickly and easily, anywhere, anytime.

- ▷ **Uninterrupted Internet and security service** with high availability and fault-tolerance technologies as well as multiple redundant data lines.

- ▷ **Increased user productivity** and optimized bandwidth usage thanks to spam neutralization, restricted access to unproductive content and services, and bandwidth usage control.

- ▷ **Flexible, seamless integration** in existing IT infrastructures thanks to the wide range of versions available: hardware, virtual and software appliances.

MODELS

Panda GateDefender Performa eSeries is available in three different versions: compatible with virtualization engines (VMware Esx and ESXi, Xen and Citrix and Red Hat KVM), software only, and 5 different hardware models designed for organizations of every size:

Hardware Model	Recommended number of users	Firewall Throughput	SMTP Throughput	HTTP Throughput	IPS Throughput
SB	Up to 100	230 mbps	116.000 mails/day	70 mbps	30 mbps
9100 Lite	Up to 250	620 mbps	388.000 mails/day	180 mbps	90 mbps
9100	Up to 500	760 mbps	984.000 mails/day	260 mbps	120 mbps
9500 Lite *	Up to 1000	-	-	-	-
9500 *	Up to 2500	-	-	-	

* For 9500lite, 9500 models and networks with more the 2500 users contact your provider.

PANDA SECURITY

Internet access control and protection

It scans the most widely used data transfer protocols:

- HTTP, HTTPS, FTP, SMTP y POP3 and for content.
- TCP, UDP and ICMP for network intrusions (IPS).
- SSL, IPSec and L2TP for VPN.

Total control over inbound/outbound Internet communications through firewall rules and identification of other protocols (P2P, VoIP, IM, Spotify and other).

Complete anti-malware an anti-spam protection

It detects and blocks spam and any other types of known and unknown threats, using world-leading heuristic technologies.

It quarantines suspicious files and messages, allowing administrators to review, restore or delete them at a later stage.

Centralized remote and branch office management

Panda Perimetral Management Console lets you manage and update all your branch-office **Panda GateDefender Performa eSeries** appliances from a single location, accessible from the cloud at any time.

High availability and Internet connection backup

GateDefender Performa eSeries ensures the highest levels of service availability, automatically and transparently:

- Customers can deploy two or more appliances in parallel to build redundancy.
- RAID 1 support to avoid data loss.
- Bypass card to ensure data flow during network failures.
- Multiple data lines for uninterrupted Internet connectivity, compatible with ADSL, UMTS, GPRS, 3G and 4G.

Consolidated and integrated security service

Panda GateDefender Performa eSeries in transparent mode eliminates the need for customers to change the configuration settings of their network devices, making integration and startup easier.

The Virtual version, compatible with the VMware, Xen/Citrix and KVM virtualization engines, allows administrators to easily consolidate the IT services supported by the company, improving reliability, flexibility and scalability and reducing ownership costs.

Automatic updates

The real-time, cloud-based anti-spam engine provides instant detection of new spam in circulation.

Both the Web-filtering signature file and the IPS and antivirus rules file are automatically updated every 60 minutes, or any other period of time specified by the administrator to provide the right balance between performance and bandwidth consumption.

Bandwidth management and optimization

Thanks to its Web filtering and QoS features, **Panda GateDefender Performa eSeries** increases productivity by prohibiting user access to inappropriate websites and preventing the use of unproductive applications (streaming, VoIP, P2P, etc).

Additionally, the Web proxy feature allows administrators to optimize Internet bandwidth usage, caching the most commonly accessed pages.

Flexible, secure connectivity

Its VPN feature encrypts data sent over the Internet to ensure secure communication between remote offices and deliver safe remote access to corporate resources.

It supports the SSL, IPSec and L2TP protocols in client and server mode for PCs, iPhone®, iPad® and Android devices.

Hotspot management

Guests or visitors to your company bring devices that probably don't comply with the security policies established by the network administrator.

The hotspot feature limits the negative impact that such devices may have on the network's performance and security, **controlling the amount of data transferred per user per day**, the **maximum bandwidth consumed** by each user, the **maximum connection time**, etc.

Compatible with: