Panda
GateDefender**Performa**
Maximum detection in perimeter security

Any organization connected to the Internet is exposed to the risk of content-based threats entering its network.

Some 99 percent of infections affecting corporate networks are transmitted across the Internet. 70 percent of all Internet traffic reaching companies is inappropriate or unproductive.

Leakage of sensitive data is one of the most important concerns for organizations today.

The first line of defense against content-based threats is a perimeter security solution that proactively blocks all dangerous or unwanted content, and prevents leakage of critical information.

> **"It is a matter of survival for AV vendors, who increasingly are looking for ways to reinvent themselves as their products struggle to thwart new types of infections. Cloud-based, collective intelligence services are the next big thing for anti-malware. I expect that every AV vendor will need to embrace an approach like this if they expect to survive."**
> *Andrew Jaquith, Yankee group*

The solution: Panda GateDefender Performa

Panda GateDefender Performa is a complete, high-performance SCM perimeter security appliance, providing proactive corporate network protection against all content-based threats, and integrating easily on any size network without having to adapt existing architecture.

It combines proactive protection with Collective Intelligence to combat all inbound and outbound risks in the corporate network perimeter. Panda GateDefender Performa includes five types of protection:

- **Anti-malware**: automatic protection against all types of malicious software.
- **Content Filter**: allows different corporate security policies to be defined.
- **Anti-spam**: keeps email free from junk mail.
- **IM/P2P Blocking**: prevents the misuse of corporate network resources.
- **Web Filtering**: restricts access to unproductive web content.

Three different hardware models cover the organization's security needs, regardless of the size of the network or traffic flow:

Traffic flow		GD Performa SB	GD Performa 9100	GD Performa 9500
HTTP	Mbps	40	500	700
	Transactions/sec	98	2950	4726
SMTP	Messages/sec	20	220	300
TCP	Connections/sec	84	1008	3028
	Concurrent connections	550	9800	18000

One step ahead…

"By 2010, viable solutions will offer inbound scanning across protocols to keep the bad content out, and outbound scanning across protocols."

Gartner

Panda GateDefender Performa has operated in this way since it first appeared on the market in 2004, demonstrating the leadership and innovation of Panda Security.

Main benefits

- **Improves corporate image and reputation** by detecting infected computers that could be sending spam or infecting clients and contacts.
- **Ensures permanent availability of Internet and email** through all Performa models, with no loss of traffic in the event of failures or incidents.
- **Increases user productivity** thanks to:
  - removal of spam from email received
  - restrictions on use of P2P applications and instant messaging
  - control over accessible Web content
- **Almost 100%** spam detection thanks to new, improved anti-spam techniques in the new GateDefender Performa.
- **"Plug and protect"** with no need for modification to network architecture.
- **Highly preventive** detecting and disinfecting unknown threats without administrator intervention reinforcing the company's risk management system.
- **Low resource consumption, improving performance and usability.** Boosts productivity and business continuity.

Key features

- **Integrated proactive technology.** Heuristic engines, collective intelligence and quarantine are combined in the perimeter to optimize detection of threats and guarantee reception of important information.
- **Complete protection.** Perimeter protection against content-based threats includes best-of-breed protection against malware and potentially dangerous content (Panda); spam (Cloudmark); and unproductive Web content (Cobion). The use of potentially dangerous applications such as P2P and IM programs is also restricted.
- **Flexible security policies.** Different user profiles and groups can be created and defined to establish specific security policies for each network user, thereby reinforcing the risk management system. Any inbound or outbound content is analyzed in accordance with the type of content and the specific profile of each sender or recipient.
- **Detection of zombies**, in individual computers and mail servers, through identification of outbound SMTP mail.
- **Guaranteed traffic flow:** the bypass option allows traffic flow to continue regardless of possible system flaws.
- **Blacklist of spammers** improves and increases spam detection, with ratios reaching almost 100%.
- **Automatic protection** continuous updates of signatures and real-time graphic reports guarantee the appliance operates fully automatically after installation.
- **Centralized monitoring and administration:** all units deployed across a network can be configured, with access to reports and graphs from a single console.

Perimeter protection

Panda GateDefender Performa's hardware and software have been designed to offer high performance and maximum protection in the main information entry point in corporate networks. It scans the most widely used protocols: HTTP, FTP, SMTP, POP3, IMAP4 and NNTP.

Complete preventive protection

Panda GateDefender Performa detects and blocks all types of Internet-borne threats before they enter the network. It protects against

Viruses	Worms	Spyware
Phishing	Dialers	Hacking tools
Trojans	Jokes	Security risks

It can also detect unknown malware thanks to its genetic heuristic engine and Panda's Collective Intelligence.

Zombie detection

Outbound SMTP detection allows administrators to identify internal computers that are infected and which are sending spam and malware to clients and contacts without users' knowledge. This improves corporate image and reputation with clients.

Spam filter

The anti-spam module included in Panda GateDefender Performa improves productivity by blocking spam before it enters the network.

Optimized Internet use

The Web filter improves the productivity of network users, as it prevents access to inappropriate or non-work related Web pages.
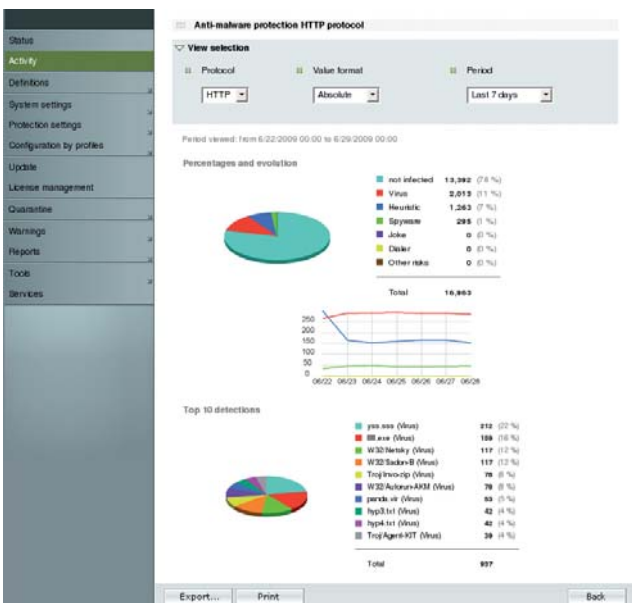
Effective use of resources

Panda GateDefender Performa can block instant messaging and peer-to-peer (P2P) applications, optimizing network resource usage.

Real-time system monitoring

The console offers real-time graphic reports of each protection module's activity. You can also configure periodic summary reports for each type of protection.

Revision 4. 7 2009

Centralized administration

All protection modules deployed across the network can be configured from a single console.

Security policies for every user

Panda GateDefender Performa integrates with LDAP and Active Directory. The option to define user profiles and groups allows administrators to assign different user security policies according to specific needs.

Guaranteed information reception

Panda GateDefender includes three types of quarantine:

- For unknown or non-disinfectable malware
- Spam and probable spam quarantine
- Quarantine for files blocked by security policies

Access to the quarantine allows stored files to be deleted or retrieved. Suspicious files are sent to PandaLabs to be disinfected and then recovered automatically.

Connect and forget

The appliance operates in transparent bridge mode, there is no need to redirect network traffic. It is configured before installation and is operated through a Web console.

Centralized monitoring

The system sends customized warnings through SMTP email, via SNMP and/or Syslog. Administrators can choose which method to use for each type of event..

High Scalability

Panda GateDefender Performa provides native and automatic load-balancing to optimize network operation.

Guaranteed traffic flow

Hardware models for large organizations include a bypass option to ensure traffic flow is not interrupted in the case of system failure.

Panda Security certifications

Check it now at **www.pandasecurity.com**
Get your evaluation version of Panda GateDefender Performa.

PANDA SECURITY | **20**th **Anniversary** 1990-2010