Panda
GateDefender **Performa**
Real-time perimeter protection for your web and email traffic

Are you still applying yesterday's traditional perimeter solutions to today's security challenges?

Today's threat landscape

Internet security risks are becoming increasingly more **complex** and **multifaceted** rendering **traditional protections obsolete**. The explosion of Web 2.0 communication (social networking) and protocols (IM/P2P/VoIP/Spotify) facilitates the propagation of these new threats whilst at the same time negatively impacting on business efficiency and productivity.

The other significant risk factor in this increase in web-based communications is the **dramatically increased risk** of infected files and **confidential information leaving** the company, and for machines within the company to be recruited into botnet armies and used to transmit spam and other scams. All of which leaves the company wide open to legal action and/or public relations disasters

Solution

Panda GateDefender Performa differs from traditional perimeter solutions as it is the only complete Secure Content Management (SCM) appliance that enables businesses to implement a **hybrid cloud** at the perimeter, delivering **high-performance protection** against Internet-borne malware and spam **blocking non business** and potentially **dangerous web activity**. The integration of cloud technology dramatically increases protection capacity while reducing resource consumption to a minimum in a single **set-it and forget** it appliance that can be deployed **in-line** in a question of **minutes**.

Simply translated; Businesses have all the **flexibility** and **control** of an on-premise solution and the **real-time detection** capacity of the cloud.

Panda GateDefender Perform includes the following 5 types of protection:

- **Antimalware**: automatic and realtime cloud protection against all types of malicious software.
- **Content Filter**: allows different corporate security policies to be defined
- **Antispam**: keeps email spam free.
- **Web 2.0 protocol control**: (IM/P2P/VoIP/Spotify): prevents the misuse of bandwidth hogs
- **Web access control:** restricts unproductive web access.

Three different appliance throughput levels guarantee all business security needs can be met, regardless of network topology or traffic volumes.

Traffic flow		SB	9100	9500 Lite	9500 Large
HTTP	Mbps	40	400	550	700
	Concurrent connections	550	9800	18000	18000
HTTPS	Mbps	17	106	145	180
SMTP	Messages/sec	40	220	400	550
	Concurrent connections	550	9800	18000	18000
TCP	Concurrent connections	550	9800	18000	18000

Main benefits

- **Robust proactive protection**: An almost **100% detection** rate of Internet threats and spam.
- **Simple to deploy, easy to manage**: Set it and forget it. Deploys in-line in minutes and **integrates seamlessly** in existing systems.
- **Boosts employee and IT productivity** and enhances users Internet experience.
- **Optimizes bandwidth** and resource usage.
- Administrators gain **greater control** over web and email traffic.
- Helps business comply with **industry regulations and standards**.

Key features

- **Integrated proactive technology**. Cloud based Collective intelligence, heuristic engines and quarantine optimize threat detection.
- **Complete best-of-breed protection**: Antimalware and potentially dangerous content ; spam; and unproductive Web content . Web 2.0 protocols are also controlled.
- **Detection of zombies**, in individual computers and mail servers.
- **Highly scalable**: Automatic load balancing and high availability.
- **Granular profile based policies**.
- **Simple integration** with **AD/LDAP.**
- **Gurarenteed traffic flow** in the case of system failure.
- **Quality of Service** (QoS) bandwidth allocation ensures optimum network performance.
- **Real-time** system **monitoring** and intuitive **reports**.

COLLECTIVE INTELLIGENCE

HYBRID CLOUD

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Proactive perimeter protection

An almost 100% detection rate for incoming and outgoing Internet threats and spam at the perimeter thanks to the unique combination of Collective Intelligence, cloud technologies, heuristic engines and best-of-breed technologies. It scans the most widely used protocols: **HTTP, HTTPS, FTP, SMTP, POP3, IMAP4 and NNTP**.

Complete protection

Panda GateDefender Performa detects and blocks all types of Internet-borne threats before they enter the network. Protection encompasses, but is not limited to: viruses, worms, trojans, spyware, phishing, hacking tools, scams, zombies, spam, botnets, fraud, exploits...

Zombie detection

The detection of zombies both in individual PCs and mail servers prevents system hijacking and botnet recruitment, mitigating the risks of legal action and protecting company's reputation and corporate image.

Web access control

Increase employee productivity by putting an end to frivolous non work related and non productive web browsing. New real-time cloud protection guarantees maximum detection ratios.

Web 2.0 protocol control

Control the use of bandwidth hogs such as P2P / IM / Spotify / VoIP, boost employee productivity and optimize bandwidth usage.

Improve risk management

Granular profile based policies enable administrators to reinforce security enforcement and comply with corporate and industry regulations and standards.

Real-time system monitoring

Intuitive dashboard provides customizable reports for each protection module and relevant system information, such as which users are attempting to visit blocked websites.. Periodic summary reports can also be configured.
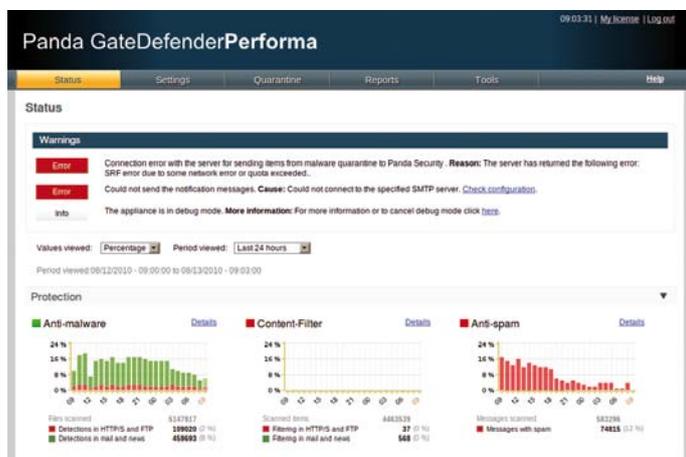
Set and forget

The appliance operates in transparent bridge mode so there is no need to redirect network traffic. It deploys in-line in a matter of minutes and integrates seamlessly with existing systems (Active Directory / LDAP).

Highly scalable

Scales effortlessly to meet business expansion requirements. Automatic load balancing and intelligent high availability ensure a fast return on investment and optimized network operations.

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.

Prioritize and optimize bandwidth

Using the Quality of Service (QoS) feature administrators can prioritize bandwidth usage ensuring a more efficient and business focused usage.

Centralized administration

All protection modules can be managed from a single web console. Global configurations can be enforced centrally and in real-time facilitating regulation compliancy.

Real-time reports and warnings

Consolidated real-time reporting identifies security and traffic issues and helps to justify the technology investment. Real-time alerts ensure that administrators are aware of security issues as soon as they happen.

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