

MOVING EMAIL SECURITY TO THE CLOUD



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Secure email and Web gateways are great candidates for delivery through a cloud-based delivery mechanism also known as SaaS (security as a service).

Many of the advantages of security as a service revolve around ROI and other efficiency metrics, and are similar to those for other cloud solutions.

Panda Security develops solutions that will also provide incremental security improvements that are not achievable via on-premises solutions while keeping our clients up to date on our latest software upgrades..



The Advantages of the Cloud

Security as a Service offers a one-to-many environment where companies are protected from spam, malware, phishing and other threats are provided to customers “in the cloud”. This one-to-many situation creates an economy of scale where collective users can support larger infrastructure and resources than could otherwise be afforded individually with on-premise systems.

SaaS offers organizations a simple and easy way to attain best-of-breed email and Web filtering without significant upfront costs, deployment time, ongoing administration or maintenance. It allows IT departments with tight budgets and strained resources to make their dollars go further and frees up IT staff to focus on other, more productive tasks.

The Cloud also provides considerable security advantages. Primarily, threats are isolated to the cloud rather than entering the network to be scanned. This is especially important in the new Web 2.0 world where greater volumes of business transactions are done via the Web rather than inside the organization with traditional on-premise applications (e.g. Salesforce.com, LinkedIn).

Furthermore, the cloud enables the provider to manage a broader spectrum of data for multiple users, enabling greater insights into threat outbreaks and faster responses to new threats or malicious activity.

Panda Security cloud provides a wide range of advantages; from security, to ease of management and huge cost savings.

Another great advantage our cloud provides is Email Continuity. Whenever an organisation’s email server goes down our cloud will keep delivering email traffic providing continuity to the users while the company email server is restored.



Public Cloud

Our full cloud-based **services are provided by multitenancy infrastructures in cloud-based data centers that process traffic on behalf of our customers**, it does not require any on-premises infrastructure or software you just redirect your traffic to our service and our datacenters will do the heavy lifting.

Panda Security's world class infrastructure of 17 global data centers **ensures superior performance** and low latency when processing an organisation's

email and Web traffic. **Our datacenter network allows us to control where email traffic is processed and where it is stored** within defined geographic boundaries helping our customers to conform to the ever stricter data protection and business regulations.

With our Panda Security public cloud there is essentially no deployment – you simply connect to the service and you're immediately up and running. For some environments, some integration is

normally required for user authentication and directory support but this is minimal in comparison to deploying on-premise solutions.



Hybrid Cloud

At Panda Security we also provide **hybrid cloud-based services for cloud processing of traffic while keeping a more**-extensive customer on-premises infrastructure, often used to synchronize directories, redirect traffic to cloud data centers, store logs, perform reporting functions and store keys.

Some solutions may involve email filtering in the cloud while keeping our archiving solution working on-premises..





Private Cloud

In certain circumstances, **organisations whilst embracing the power of the cloud, have a requirement to maintain the processing of email and web security within their own organisation's infrastructure.**

The Panda Security Cloud platform can be installed at a customer's site allowing the user to gain the benefit of a world class scalable solution, whilst remaining an internal solution and completely under the control of the customer.

Great ROI and no Capital Costs

Our “Email Protection” **solutions offer great savings by removing the need to purchase hardware or manage servers.** All of this is provided for you as part of the service. On-premise solutions such as appliances come with significant upfront costs.

Panda Security provides security solutions with a simple and easy **subscription pricing format which provides flexibility as well as predictable fixed costs** – especially important for meeting budgets.

On-Premise solutions not only require capital expenditure, but most have an ongoing subscription or maintenance costs.

In addition to these costs, on-premise systems have a substantial, but often overlooked, personnel cost to administer.



