Cloud Security
for Email

Protects organizations from email-borne threats with industry leading antimalware, antispam, and content filtering technologies that are managed entirely from the Cloud
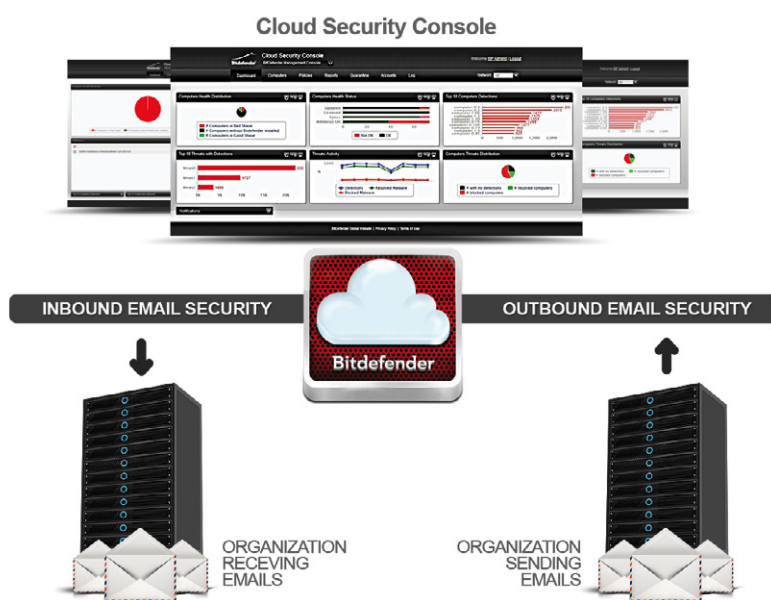
Organizations today are looking for security solutions that maximize the return on investment in the datacenter. A major source of strain on infrastructure and IT teams is the volume of unsolicited and malicious email. The award-winning technology that Bitdefender provides in on-premise solutions can now be managed and leveraged in the cloud. This moves the burden of antispam and antimalware inspection of email from the servers and network of the organization to the Bitdefender cloud.

Cloud Security for Email by Bitdefender protects organizations from email-borne threats with consistently number-one rated antispam, antimalware, and content filtering technologies. With no requirement for on-site hardware since it is managed by the powerful and intuitive Cloud Security Console, the solution allows your business to do what it does best.

Cloud Security for Email by Bitdefender has the same enterprise-class email security technologies as the award-winning on-premise Bitdefender solutions. The power of Cloud Security solutions is that they are managed by Cloud Security Console. When using Cloud Security for Email, email traffic is directed to the Bitdefender cloud for scanning. After scanning, the service sends the email to the email server at the organization being defended. Outbound emails follow the same path. Since the vast majority of emails sent to an organization are unsolicited or malicious, the volume of emails that arrive at the organization is most often drastically reduced. With Cloud Security for Email, Bitdefender stands between the organization and the Internet at large, defending it from spikes in the number of malicious and unsolicited email.

Key benefits

- Provides number-one-ranked* antimalware and antispam technologies
- Extends the life of existing email infrastructure by scanning in the cloud
- Generates immediate savings with simplified security infrastructure
- Operates with any email infrastructure
- Stops security threats spreading to your partners and customers by scanning the outbound emails
- Protects sensitive information by filtering content based on keywords
- Filters spam and phishing with high-precision heuristic NeuNet technology
- Reduces the overhead without up-front costs
- Provides comprehensive security with Cloud Security for Endpoints

Cloud Security Console

INBOUND EMAIL SECURITY

OUTBOUND EMAIL SECURITY

Bitdefender

ORGANIZATION
RECEIVING
EMAILS

ORGANIZATION
SENDING
EMAILS

Bitdefender®

Number-one-ranked security

Bitdefender scanning technologies incorporate a range of cutting-edge system protection technologies and techniques.

To better deal with new spam, the Bitdefender Lab has created NeuNet, a powerful antispam filter. Inside the Antispam Lab, NeuNet is pre-trained on a series of spam messages so that it learns to recognize new spam by perceiving its similarities with the messages it has already examined.

Bitdefender's solution is the only one that has won an award in every single VBSpam test performed by Virus Bulletin's testing lab since the very first VBSpam test. Bitdefender technology has been also number-one-ranked in the last three AV-TEST Product Reviews making it #1 in protection* against e-threats in 2011.

Service requirements

Bitdefender's Cloud Security for Email is managed from Cloud Security Console by Bitdefender. Since Cloud Security Console is hosted, there are no hardware or software requirements for managing Cloud Security for Email. All that is needed is an Internet connection.

To use Cloud Security for Email, an organization must be able to:

- Modify MX records to direct email to Cloud Security for Email (a change to the DNS record for the defended domains)
- Modify outbound email flow, if outbound protection is leveraged, to send all outbound email to Cloud Security for Email

More information at www.bitdefender.com/cloud

Immediate savings with simplified infrastructure

For improved security and minimized network traffic organizations can redirect emails through Cloud Security for Email. The service blocks unsolicited emails and protects from email-borne threats with award-winning antispam, antimalware, antiphishing, content and attachment filtering capabilities.

Some of the advantages that Cloud Security for Email provides are:

- Enterprise-class email security with no on-site installation
- Simple setup that is independent of email infrastructure
- Content filtering rules to protect sensitive information
- Bitdefender cloud that is always on and always ready, scaling with demand
- Intuitive and powerful Cloud Security Console
- Comprehensive security when combined with Cloud Security for Endpoints

Simple cloud-based security console and dashboard

The simple Cloud-based dashboard allows quick security overview of protected email services. The security dashboard is easy to configure based on individual preferences and it also provides an overview of the global security threats. Granular access rights for the management console allow organizations to restrict management or monitoring privileges to authorized individuals, external service providers or remote administrators.

Organizations can protect security status of Endpoints using the same Cloud Security Console allowing centralized management and monitoring of both Endpoint and Email protection from a single web interface. Bitdefender's Cloud Security services grow with organizations and there is never a need to upgrade or expand Cloud Security Console capabilities as all of the features and scaling capacity that are expected of enterprise-class security solutions are available from day one.

Global cloud security infrastructure

Cloud Security for Email is delivered using Bitdefender's global cloud security infrastructure. The service delivery infrastructure has been designed to reach 100% availability and it is backed by a Service Level Agreement (SLA). The extremely high availability has been obtained by using high-security datacenters across the main continents, load balancing, and failover technologies combined with data synchronization across the datacenters.

About Bitdefender

Bitdefender consistently creates number-one-ranked and award-winning security solutions. Since 2001, Bitdefender has continuously raised the bar in security. From individuals to the largest enterprises, Bitdefender innovations foster confidence, and the freedom to conduct business, by defending data and brand integrity. Every day, Bitdefender secures the digital experience of tens of millions of home and corporate users across the globe. Bitdefender solutions are distributed by a global network of value-added distribution and reseller partners in countries across the world.

*#1 technology ranking based on AV-Test for protection against malware infections (Q1/2011), zero-day attacks and overall safety (Q2/2011) and highest overall score (Q3/2011) with Bitdefender Internet Security 2011.