Proofpoint Enterprise Protection

SaaS Email Security: Complete Defense Against Email Threats

Protect your business from email threats, including phishing, malware, spam, and other forms of o bjectionable or dangerous content. The Proofpoint Enterprise Protection™ Suite delivers best–in–class inbound and outbound email security and management in one cost–effective, easy–to–use, cloud–based solution.

proofpoint™

Complete modern protection

Proofpoint Enterprise Protection delivers everything needed to keep an organization safe from email threats by taking a full lifecycle approach to securing email.

Proofpoint Enterprise Protection enhances security by providing phishing detection, anti-spam and anti-virus, connection management, and policy enforcement features into a comprehensive, easy-to-manage platform.

Proofpoint Enterprise Protection meets the needs of every enterprise deployment strategy—from cloud-based to hybrid on-demand or on-premises installations, physical or virtual appliances.

Full Lifecycle Approach

In the modern world, solely detecting threats is no longer a sufficient defense. A full lifecycle approach to data protection is necessary to effectively address today's security needs. Proofpoint protects against threats with a four-part defense strategy – Detect, Manage, Respond, and Govern – as follows.

Detect

Effective threat protection starts with accurate detection. Proofpoint Enterprise Protection leverages several techniques to efficiently and accurate detect the types of threats targeting and attacking an organization.

Multi-Layered Threat Protection

Proofpoint Enterprise Protection uses both signature-based anti-virus and behavioral-based zero-hour virus detection technologies to protect against all types of malware, including both known and emerging viruses, in the earliest stages of their proliferation, keeping email users safe from viruses, worms, spyware and other types of malicious code.

As a part of the Proofpoint Enterprise Protection Suite, Proofpoint Dynamic Reputation makes intelligent decisions in real-time about whether to accept, reject or throttle incoming email connections. It uses powerful machine learning algorithms to continually analyze both local and globally and observe IP reputation scores to ensure that all customers are protected from attacks at the first sign of malicious activity.

Proofpoint MLX™ machine learning technology

Designed for global enterprises, Proofpoint Enterprise Protection multi-lingual spam and phishing detection offers maximum protection against email threats in any language and character set, from any location. It examines hundreds of thousands of attributes in every email to accurately detect text, image and attachment-based spam or phishing emails, while automatically adapting to new threats as they appear.

Proofpoint Enterprise Protection delivers the industry's highest level of effectiveness—guaranteed at 99% for cloud deployments and typically 99.8% or greater for on-premises deployment—against all types of spam email, using the latest advances in reputation and content-based analysis.

Additional Features

Other features of Proofpoint Enterprise Protection include DKIM signing of outbound email which stops both "traditional" and targeted "spear phishing" attacks and domain-based Sender Policy Framework (SPF) capabilities, preventing the theft of personal information from employees and protecting an organization's confidential data. Bounce management features based on the Bounce Address Tag Validation method (BATV) protect email systems from "backscatter" spam caused by phishing attacks.

Manage

Once threats have been accurately identified, Proofpoint Enterprise Protection makes it easy to define and enforce policies for different groups of end users or domains. All policies are completely customizable at the global, group and end user level, while integration with LDAP or Active Directory simplifies ongoing administration. An organization's unique acceptable use policies can also be easily enforced with an advanced email firewall and deep content inspection.

Proofpoint Enterprise Protection	
Feature	Benefit
Identify Malicious Phishing Attacks	Isolate malicious phish messages from nuisance spam to prevent end users from mistakenly compromising the security of your organization
Identify Malicious Phishing Attacks	Shed locally or in the cloud with global reputation from Proofpoint Dynamic Reputation
Remove Spam and Virus	99%+ anti–spam accuracy with Proofpoint MLX
	Multi–layered virus protection, including Proofpoint Zero–Hour Anti–Virus™
Powerful End User Controls	Self–service to the end user
SaaS without Compromise	Full control, just like an on–premises solution
	Isolated instances

Respond

Providing an effective response is critical in the event that your enterprise has been compromised. Proofpoint Enterprise Protection comes with several features to assist organizations in addressing these attacks.

Outbound spam and virus protection
Proofpoint Enterprise Protection protects an organization's reputation with outbound spam and virus scanning capabilities. The effectiveness of Proofpoint MLX does not rely on reputation; it can deliver 99.8% effectiveness based on the detailed content inspection alone.

Alerts and message tracing
Real–time alerts give administrators complete visibility into the state of an enterprise messaging system. Advanced message–tracing features make use of a high–performance search engine to pinpoint hard–to–find log data based on a dozens of search criteria such as sender, subject, or attachment, providing the necessary detail to perform immediate remediation in near–real time.

World–class product and threat support
In the event that your organization does come under attack, Proofpoint stands behind the Enterprise Protection service with both product and threat support. Proofpoint understands that timely response is imperative during these critical times and provides phone support, staffed by knowledgeable engineers and threat researchers, to assist organizations that have been targeted.

Govern

More than 60 real–time graphical reports give administrators the information to proactively address issues and trends. Specific users may need to be informed that they are often targeted by phishing attacks and additional training would be provided as necessary.

SaaS without compromise

Proofpoint Enterprise Protection provides organizations the benefits of SaaS without compromising on control, flexibility or security.

Built on modern virtualization and cloud–computing technologies, Proofpoint's next–generation Security–as–a–Service architecture provides each organization with a logically isolated instance of Proofpoint. This ensures complete security of all customer data and processing capabilities, while leveraging the total cost–of–ownership and efficiency benefits of cloud computing.

Web–based policy management and administration
Through an easy–to–use, web–based administration interface, Proofpoint Enterprise Protection users can monitor and control the customization of reports, status information, RSS feeds and other displays with a "drag and drop" feature.

The convenient point–and–click interface simplifies the process of defining complex rules related to file types, message size, and the con-tents of messages and their attachments. Administrators can identify and prevent a wide variety of both inbound and outbound policy violations—including offensive language, harassment, file sharing and violations of external regulations. Built–in TLS encryption allows for secure communi-cations between a company and its trusted business partners.

Powerful end user controls

Proofpoint Enterprise Protection gives email users easy, self–service control over their individual email preferences with personalized quarantines and digest reports, personalized safelists and blocklists and web–based access to quarantines and profile administration. If desired, administrators can easily let users opt in and out of different spam policies.

Proofpoint Enterprise Protection is fully configurable, easy to brand and supports numerous languages (which can be configured for specific regions) for end users. Administrators have complete control over the look and feel of all end user components with point–and–click control over colors, logos, terms, help content, and more.

Proofpoint, Inc. (US Headquarters)
892 Ross Drive, Sunnyvale, CA 94089 USA
Tel: +1 408 517 4710   Fax: +1 408 517 4711
www.proofpoint.com