

Proofpoint Shield



As email-borne threats continue to escalate and IT budgets shrink, enterprises seek new ways to improve security while simultaneously lowering costs. Proofpoint Shield™ reduces the volume of email reaching your organization's on-premises appliances by up to 90%, moving connection management and front-line anti-spam features into the cloud. This Software-as-a-Service (SaaS) solution defends against malicious and spammy email connections, dramatically reduces inbound spam volume and prevents denial-of-service and directory harvest attacks—improving the performance of any on-premises appliance and maximizing the value of your current email security investment.

“cloud cover” for maximum security and lower costs

Proofpoint Shield provides a first line of defense against spam and malicious email connections, reducing the volume of inbound email that must be processed by your existing on-premises email security appliances by 80 to 90 percent. Deployable in minutes, Proofpoint Shield protects your organization from out-of-control spam growth, sudden spikes in email traffic and ever-evolving email attacks. It provides a cost-effective alternative to traditional approaches to email connection management and capacity planning challenges.

Compatible with Any On-Premises Email Security Gateway

For the first time, Proofpoint Shield makes the power of Proofpoint MLX™ machine learning anti-spam and connection management features available to organizations that use any on-premises email security appliance.

As a SaaS solution, it can be deployed in minutes in front of any email security appliance including the Proofpoint Messaging Security Gateway™ as well as third-party solutions from vendors including Cisco (IronPort), McAfee (Secure Computing/CipherTrust), Symantec, Trend Micro and Tumbleweed.

Proven Technology, Seamless Scalability

Proofpoint Shield works in conjunction with on-premises email security solutions to deliver an optimal combination of protection and control. First, Proofpoint Shield uses Proofpoint Dynamic Reputation™ and netMLX™ technology to make intelligent decisions about whether to accept, throttle or reject incoming email connections.

Accepted messages and their attachments are then scanned for blatant spam characteristics, using Proofpoint MLX anti-spam technology, which examines hundreds of thousands of structural and content attributes to accurately block spam messages.

After processing, the remaining messages are delivered to your organization's on-premises email security appliance, which can apply additional anti-spam and anti-virus scanning, policy enforcement, email routing and other MTA features.

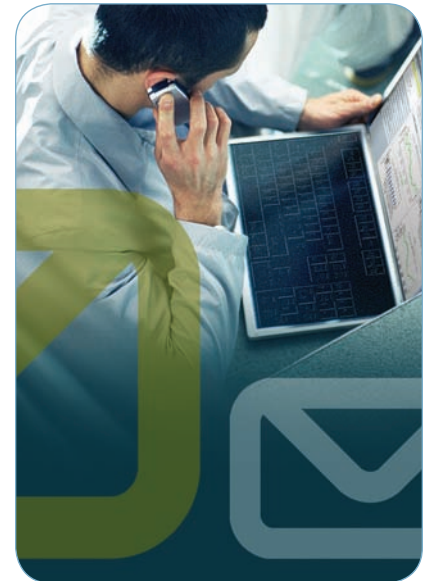
Administrators retain full control over important routing, policy, reporting and end-user functions delivered by the on-premises appliances.

Rapid Return on Investment

Proofpoint Shield protects and extends your email security investment without having to add new appliances, datacenter resources, network infrastructure, network bandwidth or additional IT management resources.

Proofpoint Shield ensures that the load on your existing appliances is consistent and predictable, protects against massive traffic spikes and unrelenting spam volume growth and simplifies your email security infrastructure.

For less than the cost of a typical appliance, Proofpoint Shield increases the performance of your entire on-premises email security solution, giving even “maxed out” appliance deployments enough headroom to support to your organization's natural email growth.



Benefits

- Reduces volume of connections and email messages hitting on-premises email security solutions by 80-90%
- Maximizes the value of your current appliance investment—reduces or eliminates the need to add new appliances
- Protects against sudden email volume surges, denial-of-service and directory harvest attacks
- Improves anti-spam effectiveness
- Restores predictable email volume and appliance utilization
- Zero administration overhead
- No impact on email end-users

Compatible with Third-party Email Security Appliances

Works in conjunction with nearly any email security appliance—from Proofpoint or other vendors including:

- Cisco (IronPort)
- McAfee (Secure Computing/CipherTrust)
- Symantec
- Trend Micro
- Tumbleweed

Features

- Connection management: Blocks malicious connections using Proofpoint Dynamic Reputation technology
- Front line spam defense: Blocks blatant spam using patent-pending Proofpoint MLX machine learning technology
- Robust, easy-to-understand reporting
- Performance guaranteed by industry-leading SLAs

Proofpoint Shield

SaaS power, zero admin overhead

Help for IT Administrators—Easy Setup, Administration and Reporting

Proofpoint Shield was designed with the IT administrator in mind. The service can be deployed in minutes with minimal involvement from your organization's IT staff. It requires zero ongoing administration and there is no impact on your email end-users.

Hosted in world-class data centers, performance is guaranteed by Proofpoint's best-in-class service level agreements including "five nines" availability and sub-minute email latency.

Designed for true, "lights out" operation, Proofpoint handles all deployment, 24x7 monitoring and operational support, updates and upgrades for the solution.

Email-based reports keep administrators informed about the status and actions of the system, including information on final connection and message disposition trends.

Proofpoint Shield also provides valuable business continuity benefits during routine maintenance or upgrades of downstream email gateways, by providing 24 hour retention of queued mail and 48 hour retention of email logs.

Email administrators can focus on the task at hand, confident that email is still being processed and queued by Proofpoint Shield.

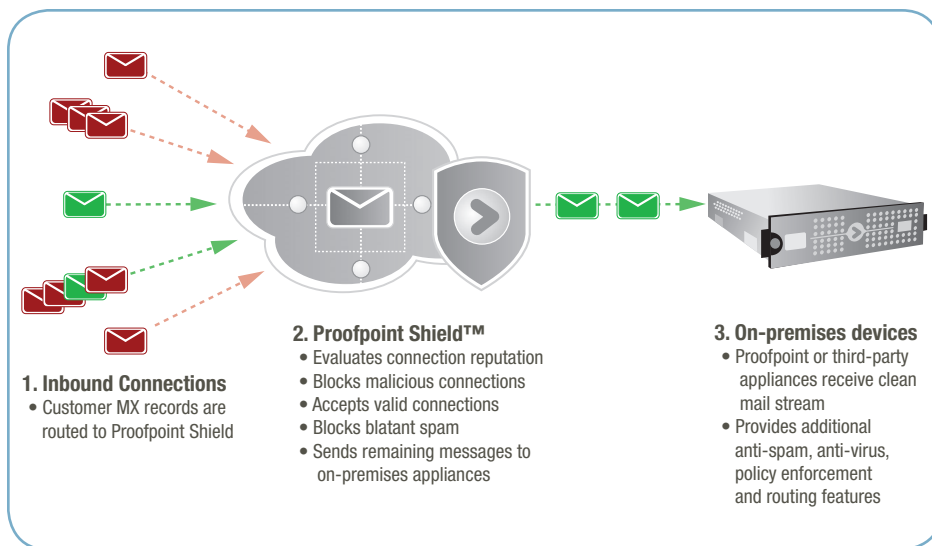
how proofpoint shield works

Proofpoint Shield is a SaaS solution that works in conjunction with any email security appliance—making it easy to realize the advantages of a "hybrid" on-demand/on-premises email security deployment.

Your organization's inbound email is routed to Proofpoint's cloud computing resources which provide connection management and front-line spam protection.

Each inbound email connection is evaluated using proprietary machine learning techniques. Malicious connections—typically 80% or more of all connections received—are rejected.

Valid connections are accepted and the messages associated with them are scanned for blatant spam characteristics using Proofpoint MLX technology, which analyzes hundreds of thousands of structural, content and reputational attributes to accurately identify spam. Obvious spam messages are blocked. Legitimate messages are passed to your organization's on-premises email security solution for further content inspection, policy enforcement, routing and delivery to end-users.



Enterprise-grade SaaS Infrastructure and Services

Hosted in Proofpoint's world-class data centers, Proofpoint Shield offers enterprise-grade availability, performance, reliability and security.

Industry Leading SLAs Including

- 99.999% service availability
- Less than 1 minute email latency

World-class Data Centers

- Geographic diversity to protect against any disaster
- Redundancy throughout—no single point of failure
- Multiple layers of security

Meet Your Growing IT Needs

- Instant scalability
- Zero administration
- Rapid deployment
- No end user impact
- Message spooling for business continuity during routine maintenance

Cost Savings

Proofpoint Shield improves the performance of your existing appliance infrastructure, reducing or eliminating the need to add new appliances. Additional savings related to:

- Power
- Bandwidth
- Data center space
- IT maintenance
- Improved end-user productivity

Learn More about Leveraging Cloud Computing to Maximize Security and Lower TCO

Learn more about how SaaS and hybrid email security solutions provide enhanced security while lowering total cost of ownership. View the Proofpoint webinar, "Lower Your TCO: Email Security in the Cloud" by visiting:

<http://www.proofpoint.com/cloudTCO>

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