

# Proofpoint Virus Protection Module



Email-borne viruses, worms, and trojans continue to pose a substantial threat to enterprise operations. The Proofpoint Virus Protection™ module, a component of the Proofpoint Messaging Security Gateway™ and the Proofpoint Protection Server®, allows enterprises to effectively and efficiently combat this threat with an industry-leading solution.

Proofpoint Virus Protection combines Proofpoint's efficient message handling and robust policy management features with the world's leading anti-virus engines. The result is an always-up-to-date anti-virus solution with convenient, centralized administration, high-performance message analysis, and flexible anti-virus policy management.

## features

### World-class anti-virus engines

Proofpoint provides several options for its Virus Protection module through strategic partnerships with leading anti-virus vendors, giving customers a choice of enterprise-class anti-virus solutions to be installed and configured within the Proofpoint Protection Server or the Proofpoint Messaging Security Gateway. These world-class anti-virus engines are the same as those used in their respective commercial products, ensuring that your company is strongly protected against dangerous viruses and other types of malicious code.

### Efficient message analysis

The anti-virus engines are designed to efficiently scan messages and attachments for potentially malicious code. Because the Virus Protection module is fully integrated into Proofpoint's messaging security platform, each message is opened just once and virus scanning is performed in parallel with other forms of message analysis (such as spam and content compliance scanning). This in-memory processing minimizes latency and improves the system's overall scalability—delivering optimal, enterprise-grade performance.

### Continuous virus-detection updates

As our anti-virus vendor partners create new virus definitions, the Proofpoint Dynamic Update Service™ provides updates to deployed Proofpoint Protection Servers and Proofpoint Messaging Security Gateways via a secure channel. The Dynamic Update Service guarantees that Proofpoint Virus Protection is always up to date, providing the maximum defense against viruses—and minimizing the burden on IT administrators. Proofpoint's anti-virus partners provide some of the fastest product-ready anti-virus updates in the industry, and the Proofpoint Dynamic Update Service makes them available to you immediately.

### Integrated, centralized administration

Proofpoint's anti-virus module is fully integrated into Proofpoint's message processing platform, providing complete control over virus protection through a unified interface. The Proofpoint Messaging Security Console™ lets you configure all aspects of virus protection—including virus filtering activity, detection and cleaning processes, disposition options, and reporting—with the same interface used for spam and content compliance administration. Administration duties can also be optionally delegated to other groups. For example, while IT may manage general email and anti-spam settings, a corporate security group could selectively manage anti-virus settings.



### Enterprise-grade Virus Protection

Proofpoint's anti-virus functionality protects your enterprise from harmful viruses right out of the box. The Virus Protection module provides the utmost protection and message handling efficiency by employing the following three-step process:

#### Policy definition

The Virus Protection module lets you quickly create new anti-virus policies or easily import existing virus protection policies.

#### Real-time monitoring

The Virus Protection module efficiently monitors the email stream for virus threats while definitions are automatically kept up to date by the Proofpoint Dynamic Update Service.

#### Custom dispositions

The Virus Protection Module gives your enterprise the flexibility it needs to classify and route messages based on numerous virus detection message states, such as sending infected messages to quarantine or stripping destructive attachments.

### Supported Anti-virus Engines

Proofpoint Virus Protection is currently available for both the Proofpoint Protection Server and the Proofpoint Messaging Security Gateway through partnerships with McAfee and F-Secure.



# Proofpoint Virus Protection Module

## Flexible policy management and message disposition

Proofpoint Virus Protection makes it easy to define and enforce virus-related security policies for your organization. Administrators have flexible configuration options to determine how messages should be handled based on the results of the virus analysis. For example, repairable messages can be repaired, annotated, and forwarded to the original recipient, while irreparable messages may be stripped of their attachments and sent to quarantine for further investigation. In addition, administrators can quickly and easily write policies and rules for specific viruses, such as automatically deleting certain types of messages (such as SoBig and MyDoom).

## components

### Proofpoint Virus Protection at a glance



## Comprehensive Virus Protection

Proofpoint understands that an effective defense against today's virus threats requires more than just signature-based protection or outbreak filters. Proofpoint provides comprehensive protection from malicious code through a combination of technologies and information services.

### Proofpoint Virus Protection Module

Provides signature-based protection using leading anti-virus engines from F-Secure or McAfee:

- Continually updated protection against the latest viral threats
- Scan both inbound and outbound "zombie" traffic
- Flexible policy and dispositions

### Proofpoint Zero-Hour Anti-Virus Module

Available as an additional option, this module provides immediate protection from emerging viruses based on real-time network traffic analysis and advanced pattern detection technologies. Proofpoint Zero-Hour Anti-Virus works together with Proofpoint Virus Protection to offer:

- Early, accurate detection
- Real-time protection
- Fine-grained policy control
- Consolidated, correlated reporting
- Lowest total cost of ownership compared to competing zero day solutions

### Virus Lifecycle Information

Proofpoint provides up-to-date information on viruses in the wild and the state of virus-related threats affecting your enterprise:

- Alerts and news channels to educate your users
- Centralized reporting for 360 degree view of virus activity affecting your enterprise

©2006 Proofpoint, Inc. Proofpoint Protection Server is a registered trademark of Proofpoint, Inc. in the United States and other countries. Proofpoint, Proofpoint Virus Protection, Proofpoint Zero-Hour Anti-Virus, Proofpoint Messaging Security Console, Proofpoint Messaging Security Gateway and Proofpoint Dynamic Update Service are trademarks of Proofpoint, Inc. in the United States and other countries. All other trademarks contained herein are the property of their respective owners. 3/06