

NetDefend Intrusion Prevention System (IPS) Subscription

D-Link's IPS service adopts a unique technology – component-based signatures, which are built to recognize and protect against all varieties of known and unknown attacks, and which address all critical aspects of an attack or potential attack including payload, NOP sled, infection, and exploits.

In terms of signature coverage, the IPS database includes attack information and data from a global attack sensor-grid and exploits collected from public sites such as the National Vulnerability Database and Bugtrax.

D-Link is committed to deliver high quality IPS signatures by constantly creating and optimizing NetDefend signatures via the D-Link Auto-Signature Sensor System. Without overloading existing security appliances, D-Link IPS signatures ensure a high ratio of detection accuracy and the lowest ratio of false positives.

My D-Link

My D-Link provides a registration and management platform for all D-Link customers. D-Link customers need to register their firewall to receive IPS update service from the NetDefend Center's My D-Link. The current status of all registered products will be presented, including Model Names, MAC addresses, Serial Numbers, Registration dates, and IPS Service Expiration dates. Customers can easily maintain all firewalls registered under My D-Link.

NetDefend Live

The NetDefend Center includes a 'NetDefend Live' service for our customers. NetDefend Live is a platform for providing information about potential security breaches and associated advisories. When D-Link

Security Center discovers new exploits and releases new signatures, associated security advisories will be simultaneously updated. This update frequency is provided on a 7x24x365 basis. The main purpose of NetDefend Live is to help our customers know more about new signatures and vulnerabilities. MIS departments can use NetDefend Live as reference to uproot threats and patch vulnerabilities within the enterprise before they are exploited. With NetDefend firewalls as the first line of defense and NetDefend Live as the second, D-Link helps customers to counteract emerging network threats promptly, before they have an impact on business.



Features and Benefits

- **Focus on Attack Payload, not Attackers or IP Addresses**

The IPS scan engine is an in-depth inspection of data from Layer 2 to Layer 7 protecting against both false positives and false negatives and preventing various types of network-based threats with a high degree of accuracy.

- **IM and P2P Management**

D-Link's IPS service provides signatures to manage Instant Messaging (IM) and Peer-to-Peer (P2P) applications, so that you control what IM and P2P applications are blocked or allowed in your network.

- **Zero Day Attack Protection**

IPS captures variations of attacks and stealthy malicious traffic to prevent outbreaks of these threats without creating unnecessary new signatures while still protecting against Zero-Day attacks.

- **Continuous Automatic Signature Updates**

All IPS signatures are continuously updated automatically and made available through D-Link update servers worldwide. The service keeps your IPS signature database as current as possible at the outside of new threats.

- **Comprehensive IPS Signature Database**

Protect the system against network attacks using over 1,800 signatures as well as protocol anomaly inspection.

- **Complete IPS Signature Advisory**

Complete IPS logs with vulnerability ID numbers, severity levels, attack descriptions, and recovery solutions enable MIS personnel to know about and respond quickly to network attacks.

