



DATASHEET

# CISCO SERVICES FOR INTRUSION PREVENTION SYSTEM

**Cisco Services for Intrusion Prevention System (IPS) is an integral part of the Cisco Self-Defending Network strategy. Delivering timely information, signature file updates, and comprehensive support, it allows your Cisco IPS solution to stay current on the latest threats so that malicious or damaging traffic is accurately identified, classified, and stopped in real-time.**

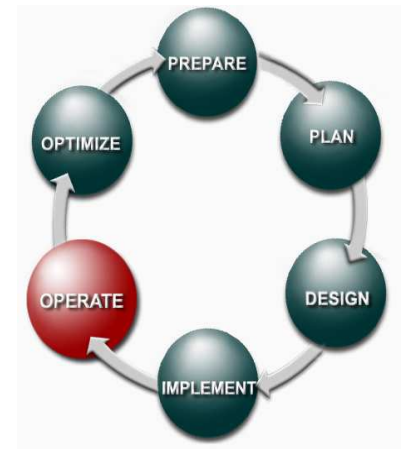
### Service Overview

Security is critical to the intelligent information network. Security must be ubiquitous in the network, from network operations to individual devices. This integrated approach is the foundation upon which a self-defending network can be built, one that responds to threats and prevents infected devices from attaching to the network.

Without the proper protection, your network is vulnerable to viruses, worms, denial-of-service attacks, and other internal and external threats that could degrade network performance, compromise the integrity and privacy of sensitive data, or disrupt business continuity. The challenge is to implement a security solution that actively blocks this deviant network traffic while simultaneously allowing authorized traffic to flow freely.

To meet this challenge, you must take a comprehensive approach to security by integrating intelligent products with technical support services such as Cisco® Services for Intrusion Prevention System (Cisco Services for IPS). An extensive, embedded library of signature files is used to monitor for malicious or unauthorized anomalies and misuse. Cisco Services for IPS includes signature file updates to help ensure that your IPS solution, which monitors and analyzes traffic in real-time, uses the most current information. Because the nature of threats is constantly changing, it is also important to take advantage of support services that augment the protection you receive through Cisco Services for IPS.

Together, Cisco IPS solutions and Cisco Services for IPS are components of a self-defending network infrastructure. Cisco IPS defends against known network threats. Cisco Services for IPS provides essential, ongoing support to further safeguard your network and help ensure that your IPS solution—and the signature files it maintains—are always up to date.



## CISCO SERVICES FOR INTRUSION PREVENTION SYSTEMS

As part of the Cisco Technical Support Services portfolio, Cisco Services for IPS offers a comprehensive security service that delivers hardware and software support, operating system and application updates, and technical assistance from networking specialists, many of whom have advanced technology expertise and Cisco CCIE® or Cisco CCSP™ certifications. The service also provides notification of and information about the latest IPS signature files and policies, as well as timely alerts about late-breaking viruses, worms, or other threats that could affect your network or your business assets.

All this information, support, and assistance is provided 24 hours a day, seven days a week, helping the network to consistently identify and prevent potential security risks and helping enable you to react quickly and efficiently in the event of a sudden, malicious attack. As a result, Cisco Services for IPS not only helps to reduce the number—and potential effects—of threats on your network and your business, it also can lead to improved staff productivity, increased network availability, and enhanced customer confidence.

Activities and Deliverables	Benefits
<p><b>Active Notification</b></p> <p>An optional capability that automatically provides alerts and e-mail messages about the latest signatures</p>	<ul style="list-style-type: none"> <li>Helps reduce risk with proactive notification that can enable early warning and rapid response to emerging threats such as worms, viruses, and denial of service attacks</li> </ul>
<p><b>Signature File Information</b></p> <p>Provides access to network signature files and signature file-based network layer protection algorithms used to protect against and/or block network viruses</p>	<ul style="list-style-type: none"> <li>Supports immediate containment of threats and helps prevent potential network outage or performance degradation</li> <li>Provides comprehensive security coverage that can help you sustain a self-defending network</li> </ul>
<p><b>Operating System Releases</b></p> <p>Provides access to the following types of intrusion prevention operating system software maintenance releases (for licensed feature set):</p> <ul style="list-style-type: none"> <li>Engineering patches</li> <li>Service packs</li> <li>Minor updates (5.0 to 5.1)</li> <li>Major updates (5.0 to 6.0)</li> </ul>	<ul style="list-style-type: none"> <li>Enhances the overall security of your network and network-connected assets, and the integrity of sensitive business, employee, and customer information</li> <li>Helps improve network availability and recovery time after an attack, minimizing the potential economic impact of business disruptions</li> </ul>
<p><b>Cisco.com Support Tools and Applications</b></p> <p>Registered access to technical support tools and applications on Cisco.com</p>	<ul style="list-style-type: none"> <li>Helps mitigate risk by enabling planned security management</li> <li>Provides assistance 24 hours a day, seven days a week, anywhere in the world</li> </ul>
<p><b>Technical Assistance</b></p> <p>Delivers remote access to security engineers in the Cisco Technical Assistance Center (TAC)</p>	<ul style="list-style-type: none"> <li>Helps to improve staff productivity and business efficiency, which can lower the cost of ownership and improve profitability</li> </ul>
<p><b>Advanced Hardware Replacement</b></p> <p>Offers the following advanced replacement options for failed hardware parts:</p> <ul style="list-style-type: none"> <li>Next business day (NBD)</li> <li>Same business day (SDS)</li> <li>Same business day within 4 hours</li> <li>Same business day within 2 hours</li> </ul>	<ul style="list-style-type: none"> <li>Supports your efforts to maintain a secure network infrastructure, which can result in improved user satisfaction and increased customer confidence</li> </ul>

## AVAILABILITY

Cisco Services for IPS is available globally. Details may vary by region. Cisco Services for IPS support is available in North America, Western Europe, New Zealand, Mexico, Australia, and select countries in Asia and South America. Cisco is continually expanding its service areas. In addition, the Cisco Service Availability Matrix (SAM) tool can be used to verify the available product services worldwide. This tool includes information for Cisco Services for IPS support, Cisco SP Base, and the Cisco SmartSpares program. Information is available at: [http://www.cisco.com/cgi-bin/front.x/agents/SAM/cca\\_sam\\_main.cgi](http://www.cisco.com/cgi-bin/front.x/agents/SAM/cca_sam_main.cgi).

## ORDERING

Cisco Services for IPS may be purchased directly from Cisco Systems® or through a Cisco authorized reseller.

## SUMMARY

Cisco Systems provides a comprehensive set of security products and services to help prevent business disruption. Cisco Services for IPS helps your network to defend itself against many threats and allows you to respond quickly and effectively in the event of an attack. Whether using the IPS technology in routers and switches, or relying on the overlay protection delivered by our security appliances, Cisco provides many threat defense devices that can rapidly identify and eradicate network threats.



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