

# New Cisco Catalyst 6500 Firewall Security System Bundle with Two Firewall Service Modules Provides a 10-Gbps Performance System

PB405349

## Product Overview

The new Cisco® Firewall Security System bundles allow customers to order a 10-Gbps system with a single product identifier. Each 10-Gbps bundle includes a Cisco Catalyst 6509 or 6513 Switch, fan tray, Supervisor Engine 720-3B, and two Firewall Services Modules (FWSMs). Each bundle can be configured with up to four FWSMs to deliver 20 Gbps of performance.

The FWSM for Cisco Catalyst® 6500 Series Switches and Cisco 7600 Series Routers is a high-performance, integrated stateful inspection firewall with application and protocol inspection engines, providing 5.5 Gbps of throughput; 100,000 connections per second; and one million concurrent connections.

Table 1 lists the benefits of the new Cisco Firewall Security System bundles.

**Table 1.** Benefits Table

Feature	Description
<b>Cisco Catalyst 6500 Series 10-Gbps Firewall Security System</b>	<ul style="list-style-type: none"> <li>• Cisco Catalyst 6500 Firewall Security System with two FWSMs to provide 10 Gbps performance with the ability to add two more FWSMs for a 20-Gbps system</li> </ul>
<b>High Performance, High Scalability, Low Latency</b>	<ul style="list-style-type: none"> <li>• 5 Gbps per FWSM, 20 Gbps per chassis</li> <li>• 2.8 million pps, 1 million concurrent connections</li> <li>• 100,000 cps; 80,000 ACLs; and 1000 VLANs per FWSM</li> <li>• Low latency (30 microsecs)</li> <li>• 12,000 registered IP phones</li> <li>• Future-proofed as network traffic grows</li> <li>• Secures latency-sensitive applications such as financial market data and VoIP</li> </ul>
<b>Rich Stateful Inspection</b>	<ul style="list-style-type: none"> <li>• Proven Cisco PIX® OS features</li> <li>• RFC conformance check</li> <li>• DoS protection</li> <li>• Advanced application inspection control</li> <li>• Market-leading firewall features</li> <li>• Broad protocol support, including voice and multimedia</li> </ul>
<b>Firewall Services Virtualization</b>	<ul style="list-style-type: none"> <li>• Up to 250 virtual firewalls</li> <li>• All policies, monitoring, and logging per virtual firewall</li> <li>• Resource manager provides maximum limits for resource usage per virtual firewall</li> </ul>
<b>High Availability</b>	<ul style="list-style-type: none"> <li>• Intra- or inter-chassis stateful failover</li> <li>• Active-standby and active-active</li> <li>• Cisco IOS® Software auto-state support for rapid detection of VLAN failures</li> </ul>
<b>Flexible Management Options</b>	<ul style="list-style-type: none"> <li>• Embedded device manager (Cisco Adaptive Security Device Manager [ASDM])</li> <li>• Remote multidevice manager (Cisco Security Manager)</li> <li>• Real-time monitoring and reporting (Cisco Security MARS)</li> </ul>

## Availability

April 20, 2007

The new Cisco Firewall Security System bundles will be available beginning in Q2CY2007.

## Ordering Information

Table 2 lists ordering information for the new Cisco Firewall Security System bundles.

**Table 2.** Ordering Information for Cisco Firewall Security System Bundles with Two FWSMs

Part Number	Description
WS-6509EXL-2FWM-K9	Cisco Catalyst 6509-E Switch with Supervisor Engine 720-3BXL, two FWSMs, and Catalyst 6509 Fan
WS-6513XL-2FWM-K9	Cisco Catalyst 6513 Switch with Supervisor Engine 720-3BXL, two FWSMs, and Catalyst 6513 Fan

Table 3 lists ordering information for existing Cisco Firewall Security System bundles.

**Table 3.** Ordering Information for Existing Cisco Firewall Security System Bundles

Part Number	Description
WS-C6506-E-FWM-K9	Cisco Catalyst 6506-E Switch with Supervisor Engine 720-3B, FWSM, and Catalyst 6506 Fan
WS-C6509-E-FWM-K9	Cisco Catalyst 6509-E Switch with Supervisor Engine 720-3B, FWSM, and Catalyst 6509 Fan
WS-C6513-FWM-K9	Cisco Catalyst 6513 Switch with Supervisor engine 720-3B, FWSM, and Catalyst 6513 Fan
WS-SVC-FWM-1=	Firewall blade for Cisco Catalyst 6500 and 7600 Series; VFW license is separate

## For More Information

For more information, please visit the following sites:

- Cisco FWSM general information: <http://www.cisco.com/go/fwsm>
- Cisco FWSM management: <http://www.cisco.com/en/US/products/sw/cscowork/ps2330/>
- Cisco FWSM monitoring: <http://www.cisco.com/go/mars>
- Cisco Catalyst 6500 Series Supervisor Engine 720 data sheet: [http://www.cisco.com/en/US/products/hw/modules/ps4835/products\\_data\\_sheet09186a0080159856.html](http://www.cisco.com/en/US/products/hw/modules/ps4835/products_data_sheet09186a0080159856.html)

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