

Top Layer IPS 5500

Summary: A strong DDoS/DoS appliance that can protect your system against attacks, the IPS 5500 is presented with our Editor's Choice Award for performance, speed and value.

Price: \$25,000

www.toplayer.com

Top Layer™



If the threat of DDoS or DoS haunts your network, the IPS 5500 is the device to look at.

We've probably all heard the horror story of a major web site that was flooded with traffic that caused a denial of service (DoS) for legitimate users. A hacker can lay the framework for this type of activity in a number of different ways, and, without the proper protection, your site could be next on the hit list. The Top Layer IPS 5500 is an excellent net-

work intrusion prevention system (IPS) appliance to prevent this activity, and it wins our Editor's Choice Award for performance, speed and value.

security while offering the functionality of an iron-clad firewall. Throughput and latency are important issues with this type of appliance, and our testing of the review unit proved to us why this product is strong in both areas. There are four different versions of this product, the IPS 5500-50 uses a 100Base-T Ethernet

al port for use with a console; and two high speed USB 2.0 ports.

Pricing of the system will depend on the concurrent sessions and throughput of the models, with the IPS 5500-100 starting at approximately \$25,000 to the IPS 5500-1000 which runs roughly \$80,000. If the threat of DDoS or DoS



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While there is a learning curve to configuring this device and administrators may want to put the appliance in place to decipher what kind of incoming traffic is hitting the site, when fully implemented the IPS 5500 is a powerful piece of equipment. Implemented between your internet connection and other appliances it can handle up to one million open connections. Unlike other devices that offer protection against denial of service, this unit uses both rate-based and content-based

connection while the IPS 5500-1000 offers a rated throughput of 2-gigabytes. Latency averaged double-digit microseconds and was really dependent of the size of the packets being sent through the unit. When we actually used the system it was 100% accurate blocking off a flood of superfluous traffic while performing admirably with legitimate requests at the same time.

Other features of the IPS 5500 included a hot-swappable power supply, or an optional dual power supply unit can be ordered; four 10/100Base-T Ethernet connections for use with the management program that can be performed through a telnet connection or java-based web browser application; 1 seri-

haunts your network or you've experienced the threat before, the IPS 5500 is the device to look at. More information can be found at www.toplayer.com.



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