

Firewalls gain new features, such as data screening and support for VPNs

Company	Product	Type of firewall	Platform	Maximum bandwidth throughput	Types of traffic filtering supported	Protocol support	Pricing
Check Point Software Technologies Ltd. Redwood City, Calif. 703-234-0100 www.checkpoint.com	Check Point FireWall-I Next Generation	Software	NT and Win 2000; Solaris 8 (32- or 64-bit node) and Solaris 9 (64-bit node); RedHat Linux 7.0, 7.2 and 7.3	4.2 Gbps (with more than 1.5 million concurrent users)	Stateful inspection	Supports more than 150 predefined applications and protocols, including Microsoft CIFS, SMTP, FTP, HTTP, DNS, Telnet traffic, SOAP/XML, instant messaging and peer-to-peer applications, Windows Media, RealVideo, SIP, voice over IP, Oracle SQL and ERP	\$1,355 for 25 IP addresses to \$4,744 for unlimited IP addresses (GSA)
Cisco Systems Inc. San Jose, Calif. 800-553-6387 www.cisco.com	Cisco PIX security appliances—models 501, 506E, 515E, 525 and 535	Appliance hardware with embedded OS (Cisco PIX Security Appliance Software v6.3) management software (Cisco PIX Device Manager v3.0)	No management client OS required; can be managed from Web browser	PIX 501, 60 Mbps; PIX 506E, 100 Mbps; PIX 515E, 188 Mbps; PIX 525, 330 Mbps; PIX 535, 1.7 Gbps	Rich stateful inspection, logging, URL filtering, content filtering	Support for more than 100 predefined applications and protocols, including HTTP, FTP, SMTP, H.323 v4, Session Initiation Protocol (SIP), Media Gateway Control Protocol (MGCP); also supports multicast applications including Internet Group Management Protocol (IGMP) v2 and stub multicast routing, including NAT and Port Address Translation (PAT)	Not available
MagniFire Inc. New York 212-909-2772 www.magnifire.com	Magnifire Application Firewall	Appliance for protecting high-capacity Web applications	Supports all major Web servers, browsers and application servers	90 Mbps on a 100-Mbps switched port	Web and content filtering Stateful inspection	HTTP I.O, I.I, HTTPS	\$25,000
Nokia Internet Communications Mountain View, Calif. 703-793-6400 www.nokia.com/securitysolutions	Nokia Internet appliances with integrated Check Point FireWall-I Next Generation	Appliance	NT and Win 2000; Solaris 8 (32- or 64-bit node) and Solaris 9 (64-bit node); RedHat Linux 7.0, 7.2 and 7.3	102 Mbps for IPI30 to 2 Gbps for IP740	Stateful inspection	Supports more than 150 predefined applications and protocols, including Microsoft CIFS, SMTP, FTP, HTTP, DNS, Telnet traffic, SOAP/XML, instant messaging and peer-to-peer applications, Windows Media, RealVideo, SIP, voice over IP, Oracle SQL and ERP	\$1,650 (GSA) for an IPI30 satellite office router, up to \$32,000 for an IP740 high-end service provider system
Symantec Corp. Cupertino, Calif. 408-517-8000 www.symantec.com	Symantec Enterprise Firewall 7.0	Software-hardware hybrid (hardware used for accelerated throughput)	NT and Win 2000; Solaris 7 and 8	Depends on selected server hardware	Application-layer packet inspection, Web content filtering	HTTP, IPsec VPN Tunneling, FTP, SMTP	\$1,955 up for up to 25 users
	Symantec Firewall/VPN Appliance—models 100, 200 and 200R	Appliance (small-office secure VPN)	N/A	8 Mbps bidirectional	Stateful inspection	HTTP, IPsec VPN Tunneling, FTP, SMTP	\$499 up for Firewall/VPN 100; \$899 up for model 200; \$1,199 for 200R (up to 30 users)
	Symantec VelociRaptor firewall/VPN appliance	Firewall and VPN appliance	N/A	Up to 500 Mbps with load-balancing option	Stateful inspection, continuous hardening to block attacks	VPN tunnels and HTTP, SMTP and FTP protocols	\$6,995 up for up to 25 nodes