



## Symantec VelociRaptor™

*Enterprise-class firewall and VPN security in an easy-to-manage appliance*

With dependence on the Internet for communications and commerce growing constantly, it is imperative that businesses of all sizes provide their customers and partners with access to critical information while maintaining secure control of data entering and leaving the network. But with mounting limitations on financial and staffing resources, IT departments in both single-site businesses and dispersed enterprises are increasingly challenged to provide effective network security. Symantec provides an ideal solution. The Symantec VelociRaptor firewall/VPN appliance combines high security and high performance, making it easy and cost-effective to extend enterprise-class security to smaller businesses as well as branch offices of larger organizations.

### > Industry-leading firewall security

Symantec VelociRaptor offers enterprise-class security by incorporating the award-winning security architecture of Symantec Enterprise Firewall. Utilizing full-inspection technology and continuous system hardening, the appliance is able to protect both the Internet gateway and subnets of corporate LANs and WANs, while providing a fast and robust connection to the Internet, regardless of the size of the network. Its advanced data inspection technology filters traffic and integrates application-level proxies, network circuit analysis, and packet filtering into the perimeter security architecture. Symantec VelociRaptor extends industry-leading security even further with new proxy functions for SMTP, HTTP, and H.323 while its full-inspection scanning techniques prevent unauthorized access to private networks and confidential information by ensuring data is validated at all seven levels of the protocol stack.

### > Best-in-class VPN protection

Symantec VelociRaptor integrates Proxy Secured Symantec Enterprise VPN that includes the latest AES (Advanced Encryption Standard) to provide high-level VPN security at speeds three-times faster than conventional 3DES technology. With its standards-based VPN providing full support for the Public Key Infrastructure (PKI), Symantec VelociRaptor is able to extend enterprise networks and deliver secure site-to-site remote access to corporate LANs. Additionally, since it can filter data through its proxies after the data has been received and decrypted by the Symantec VelociRaptor appliance, Symantec Enterprise VPN also provides an extra level of security against threats that reside within the network perimeter. The full VPN option provides secure remote-to-site tunnels for telecommuters and other remote users equipped with the Symantec Enterprise Firewall/VPN client and personal firewall.

### KEY POINTS

- > NEW: Accommodates the requirements of high-volume sites and remote users with integrated options for high-availability load-balancing clusters and full remote-to-site VPN functionality
- > NEW: Provides a secure proxy for Real Time Streaming Protocol (RTSP)
- > NEW: Available in two updated models, now with enhanced disk capacity, and faster throughput and performance
- > Provides enterprise-class network perimeter protection and exceptional data throughput in an easy-to-manage, plug-and-protect security appliance
- > Delivers industry-leading security via its integrated, full-inspection Symantec Enterprise Firewall and IPSec-compliant site-to-site Symantec Enterprise VPN
- > Enables secure local or remote configuration and administration through an intuitive GUI-based management console
- > Backed by Symantec™ Security Response—the world's leading Internet security research and support organization



## > Streamlined installation and configuration

To make installation and configuration fast and simple, Symantec VelociRaptor™ comes loaded with pre-configured and hardened operating software and a pre-installed firewall/VPN. The appliances' quick start capabilities and array of set-up wizards help administrators to rapidly and securely configure network parameters, and set up VPN tunnels and HTTP, SMTP, and FTP protocols from a central console. It also includes Network Address Translation (NAT) features that give administrators the ability to create access lists so that requests entering or leaving the secured network appear to originate at predetermined addresses, rather than the address of the security device itself.

## > Exceptional manageability through a central GUI-based console

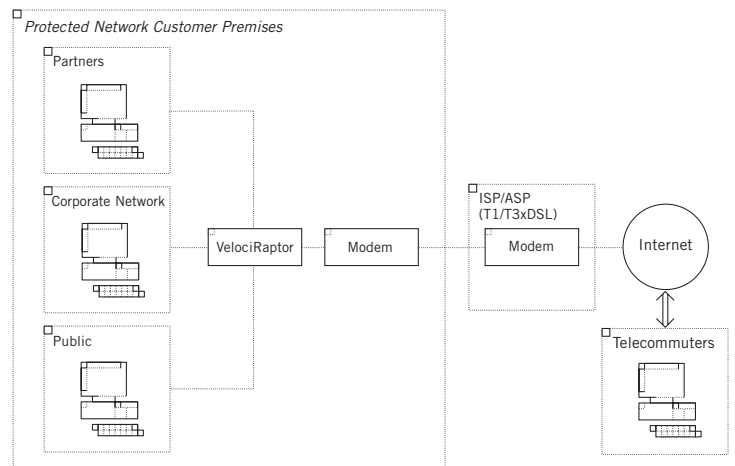
To provide outstanding manageability, Symantec VelociRaptor includes a GUI-based management system that enables easy configuration of scalable gateway protection for networks of any size. Using the Symantec Raptor™ Management Console gives administrators control over both local and remote Symantec VelociRaptor appliances via any Internet connection. It also allows them to establish procedures for email alerts, pager notifications, and SMTP traps (in the event of network attack) as well as create configurable policies for users and user groups. Administrators can even push rules and policies created for one node to other members of a Symantec VelociRaptor high-availability/load-balancing cluster.

## > A choice of authentication methods

Symantec VelociRaptor firewall/VPN appliances come with a wide variety of authentication options from which administrators can choose, such as OOB (out-of-band authentication), LDAP servers, BellCore Skey, Gateway Password, CryptoCard, and SecureID. It also supports the TACAS+ and Radius authentication protocols.

## > Valuable management reports

With the Symantec Raptor Management Console, administrators are able to export a wealth of network usage data, such as the log files generated by Symantec VelociRaptor covering session durations, byte counts, URLs, user names, and authentication methods. Administrators can use log information to create detailed statistical and session-trend reports. Log files are rotated each 24-hour period and can be imported to other reporting software such as Telemate.com or WebTrends, or exported to databases to perform custom analysis.



Typical configuration of a Symantec VelociRaptor appliance in a customer environment

## > 2 models for various network sizes and throughput requirements

To accommodate different network sizes and throughput requirements, Symantec VelociRaptor™ offers two plug-and-protect appliance models, the 1100 and 1310. In both models, disk capacity over the previous Symantec VelociRaptor appliances has increased by 50% and model 1310 is three times faster, offering faster data throughput and enhanced performance across the Symantec VelociRaptor line. And with its integrated high-availability/load-balancing option, Symantec VelociRaptor is capable of delivering throughput scalability of up to 500 Mbps. Customers with previous releases can take advantage of the new Symantec VelociRaptor functions by purchasing a Symantec VelociRaptor appliance software upgrade (Version 1.5).

### A COMPARISON OF TWO AVAILABLE MODELS THAT SYMANTEC HAS TO OFFER

MODELS	1100	1310
Maximum throughput	20 Mbps	65 Mbps
Stateful throughput	80 Mbps	>100 Mbps
Recommended network size	Up to 250 nodes	Up to 2000 nodes
Size of organization supported	Small/Medium	Medium/Large
Support information offered	Optional Gold and Platinum	Optional Gold and Platinum
Easy to use and manage	yes	yes
Remote-to-site VPN	Option	Option
Site-to-site VPN	Standard	Standard
High-availability and Load-balancing	Option	Option
Firewall	Full Inspection	Full Inspection
Regulatory approvals	FCC Class B, VCCI-B UL, C-UL, TUV, CE Austel, BSMI/BCIQ, RRL	FCC Class B, VCCI-B UL, C-UL, TUV, CE Austel, BSMI/BCIQ, RRL
<b>PHYSICAL SPECIFICATIONS</b>		
Dimensions	in: 17W x 12.5D x 1.75H cm: 43.2W x 31.8D x 4.5H	in: 17.5W x 22.75 D x 1.75H cm: 44.5W x 57.8D x 4.5H
Weight	9 lbs 3 oz (4.2 kg)	23.5 lbs (10.7 kg)
Operating environment	32° to 108° F (0° to 40° C)	32° to 108° F (0° to 40° C)
<b>HARDWARE SPECIFICATIONS</b>		
Ethernet Ports	4 independent 10/100 BaseT network interface	4 independent 10/100 BaseT network interface
Serial Ports	2	2
UPS (Uninterruptible Power Supply)	via serial port 2	via serial port 2
LCD (Liquid Crystal Display)	LCD Panel to enable easy setup and administration	LCD Panel to enable easy setup and administration
Input Rating	100/240 V, 50/60 Hz	100/240 V, 50/60 Hz
Typical operation power consumption	50 Watts	100 Watts
Maximum power consumption	60 Watts	130 Watts

## ➤ Integrated options for scalable performance and added functionality

Symantec VelociRaptor offers several integrated options that can be activated to enhance the appliance's performance and functionality. A built-in high-availability/load-balancing (HA/LB) option is available to provide failover and maximum uptime for high-volume sites. Activating the HA/LB option allows for the clustering of up to eight Symantec VelociRaptor appliances, enabling the sharing of traffic loads among multiple security devices and the expansion of capacity as network loads grow. Through HA/LB, Symantec VelociRaptor solutions can scale from small business environments of 100 nodes or less to large enterprise networks of up to 10,000 nodes. Plus, performance throughput can scale from 20 Mbps up to 500 Mbps. Symantec VelociRaptor also offers additional integrated options for full remote-to-site VPN functionality and WebNot URL filtering and blocking that, when enabled, can extend even further the capabilities of this already versatile appliance.

## ➤ A family of standards-based security appliances

Symantec VelociRaptor is part of Symantec's growing family of security software and appliance products. Like all Symantec products, it meets the most stringent industry interoperability and security standards and is fully supported by Symantec Security Response, the world's leading Internet security research and support organization.

## ➤ Backed by Symantec™ Security Response

Symantec Security Response offers a range of powerful security resources including world-class product support and the non-stop vigilance of Symantec's industry-leading global research and technical support centers. Our intrusion experts, security engineers, and virus experts work together to provide thorough coverage around the clock, constantly researching viruses, malicious code, evolving vulnerabilities and exploits, and the latest intrusion techniques. And they are continuously at work developing automated emergency response systems that detect security problems, alert customers, and securely deliver cures to Symantec Enterprise Security customers.

For more information about Symantec VelociRaptor, visit <http://enterprisesecurity.symantec.com>

**FIREWALL/VPN APPLIANCES ARE A KEY COMPONENT OF SYMANTEC ENTERPRISE SECURITY. SYMANTEC ENTERPRISE SECURITY COMBINES WORLD-CLASS TECHNOLOGIES, COMPREHENSIVE SERVICES, AND GLOBAL EMERGENCY RESPONSE TEAMS TO HELP BUSINESSES RUN SECURELY AND WITH CONFIDENCE.**

### PRODUCT SPECIFICATIONS

#### SYMANTEC VELOCIRAPTOR

#### HARDWARE

- Intel-compatible processor
- LCD panel for easy setup and administration
- 512 KB L2 cache
- UPS support
- Internal Ultra ATA hard drive
- Four 10/100 Base-T Ethernet network interfaces
- Serial console interface

#### APPLIANCE SOFTWARE (VERSION 1.5)

- Hardened Linux 2.2 multi-tasking operating system
- Symantec Enterprise Firewall Version 7.0
- Symantec Enterprise VPN Version 7.0

#### SYSTEM MANAGEMENT

- Secure administration protocol
- Symantec Raptor™ Management Console
- Continuous system hardening

### PHYSICAL SPECIFICATIONS

- Dimensions: Model 1100: 17.00 x 12.50 x 1.75 inches (43.2 x 31.8 x 4.5 cm)  
Models 1310: 17.50 x 22.75 x 1.75 inches (44.5 x 57.8 x 4.5 cm)
- Fits a standard 19-inch equipment rack, single rack-unit height
- Weight: Model 1100: 9 lbs 3 oz (4.2 kg), Model 1310: 25 lbs
- Power requirements: Input rating 100-240V, 50/60 Hz
- Maximum power consumption: Model 1100: 60 watts, Models 1100 & 1310: 130 watts
- Operating environment: 32° to 108° F (0° to 40° C), 10% to 90% humidity (non-condensing)
- Non-operating environment: 14° to 122° F (-10° to 50° C), 5% to 93% humidity (non-condensing)
- LEDs: Power, Transmit/Receive, Link, Collision, 100 Mbit, Disk Activity
- Regulatory approvals: FCC Class B, VCCI-B, UL, C-UL, TUV, CE Austel, BSMI/BCIQ, RRL
- Encryption levels: 3DES/AES
- Licensing levels: Model 1310: unlimited nodes

### ORDERING INFORMATION (North America)

- 10046615-xx Symantec VelociRaptor Model 1100 3DES-AES
- 10041345-xx Symantec VelociRaptor Model 1310 3DES-AES

### WORLD HEADQUARTERS

20330 Stevens Creek Blvd.  
Cupertino, CA 95014 U.S.A.  
1.408.517.8000  
1.800.721.3934

[www.symantec.com](http://www.symantec.com)

For Product Information  
In the U.S., call toll-free  
800.745.6054.

Symantec has worldwide  
operations in 38 countries.  
For specific country  
offices and contact numbers  
please visit our Web site.