

# Sentry X - Wireless & VoIP

*"Tip of the Spear" Security*

*Gold Medal Technology  
Protected the  
2002 Winter Olympics*

## *"DEFENSE in DEPTH"*

- ... *Stateful Packet Filtering Firewall*
- ... *Virus Detection & Definition Enforcement*
- ... *Hacker Detection & Prevention*
- ... *Automated Response to Threats*
- ... *Secure Remote VPN Access*
- ... *Stops SPAM*
- ... *Enforces Security Policy*
- ... *Monitors & Records Network Activity*
- ... *Detailed Usage Reports*
- ... *Network Vulnerability Assessment*
- ... *Secure Wireless Gateway with T'nT Encryption*
- ... *VoIP Router*

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## **Sentry X - with Managed Security for Wireless & VoIP**

- ... **2U Form Factor**
- ... **Custom Configuration**
- ... **Capable of 500VPN Connections**
- ... **Supports Networks with Up to 5,000 computers**
- ... **Wireless Gateway with 2 Layers of Encryption**
- ... **VoIP Router with Voice & Data Traffic Shaping**
- ... **Dual Power Supply & Dual Processors**
- ... **Up to 6 Network Interfaces**



A **"Defense in Depth"** System with **Managed Security** can save you many thousands of dollars in network security expense.

eCenturion's core belief is there is only one-way to protect businesses against vulnerabilities and attacks: **instant detection, alerting and engaging a premier defense system, which triggers an effective and appropriate response.**

Inherent in a business executive's job is the responsibility to build, manage and protect company assets. Because it is not usually cost-effective to hire a guard to protect tangible assets, security sensors and systems alert the authorities when assets are at risk. However, your most important asset is intangible. Information, and its availability... is your most valuable and most vulnerable asset.

Traditional approaches to information protection **have proven to be ineffective and risky.** Despite experience, research and the availability of hundreds of security products, the Internet has become increasingly and alarmingly dangerous. Its complexity, operating systems, applications and browsers – as well as the desire to globally connect -- contribute to the high-risk vulnerability of the digital world.

**Effective security is holistic!** Defense systems must view the entire system's state of health. The only meaningful response to an attack is a strong, instantaneous defense. Consequently, the only way to outpace constantly evolving vulnerabilities and costly attacks is through real-time detection and response, combined with arming the defense system. It must be the digital equivalent of alarm systems and security guards. This ironclad protection includes active network monitoring and reporting, including all the activities of every member of your network. You need **experts** defending you the moment you are attacked. You need an effective and appropriate response.

**You need a Managed Security defense system! Let Sentry stand guard at the gate, defending & protecting your company's crown jewels... Information!**

# Benefits

Φ Affordability that allows companies of all sizes the ability to implement a powerful & scalable security solution

Φ Ease of use with security components available thru Tribune™, eCenturion's Web based administration tool

Φ Holistic security with expertly managed Defense Layers

Φ Enforcement of security policies

Φ Proven technology based on a secure platform recognized

Φ Optional Email virus protection, inbound and outbound (POP3, SMTP)

Φ Hassle-free, secure user access to the Internet via a robust stateful packet inspection firewall

Φ A powerful Intrusion Detection System with automatic real-time response

Φ VPN access for remote users

Φ Highest level of data communications encryption

Φ Supports HIPAA, Gramm-Leach-Bliley Act (GLBA) & Sarbanes-Oxley Act (SOX) compliance

Φ Improved Web performance (up to 50%) via built-in caching support to frequently accessed web sites

Φ Integrated traffic monitoring and reporting tools

Φ PPPoA/PPPoE support for ease of use and integration with DSL devices and networks

Φ URL content filtering preventing access to undesired Internet sites

Φ Absolute commitment to customer support with a service level agreement & guaranteed response times

# Technical Specifications

## Firewall

Φ Stateful Packet Inspection Firewall

Φ Security Proxies for HTTP, HTTPS, SMTP, POP3, DNS, IDENT, SOCKS

Φ User Authentication (local user database or remote via Radius, Windows NT/2000/XP, Microsoft Active Directory, LDAP, Novell Directory Services)

Φ DoS Protection (icmp FLOOD, tcp syn FLOOD, udp FLOOD, Smurf, Trinoo IP Spoofing)

Φ Portscan Detection

## Networking

Φ 10/100 and 1000 (Gigabit) Mbit Ethernet adapters

Φ DSL connections via PPPoE and PPPoA

Φ Wireless LAN Ethernet (802.11b)

Φ Multiple IP addresses per adapter with Virtual IP or VLAN (802.11g)

Φ Dynamic and static Network Address Translation (NAT)

Φ H.323, PPTP and FTP Pass Through

Φ Load balancing (Round-Robin, Least Used Connection)

Φ DHCP client and server

Φ Randomized TCP Sequencing

Φ Proxy ARP

Φ Interfaces Supported

10/100 Ethernet (standard), Gigabit Ethernet  
ADSL, ISDN

T1 (with integrated CSU/DSU)

Wireless (802.11b)

Analog Modem

## System Management

Φ IP accounting

Φ Out-of-band management via optional external modem

Φ Managed Security Monitoring for maximizing uptime and system availability

Φ Network diagnostic tools

Φ Complete configuration backup and restore

Φ Pre-defined & ad-hoc reports

## IPSec VPN

Φ Net-to-Net, Host-to-Net, Host-to-Host

Φ NAT traversal, virtual IP

Φ Authentication via pass phrase (PSK), certificates (X.509v3) or keys (RSA)

Φ PKI management of X.509 certificates

Φ Algorithms via AES (Rijndael), 3DES, Blowfish, Twofish, Serpent, MDS, SHA1 or SHA2

Φ Deflate compression

Φ Dynamic firewall settings per IPSec connection/IPSec user

## PPTP VPN

Φ Host-to-Net

Φ MPPE 40/128-bit data encryption

Φ MSCHAP v2 authentication

Φ Dynamic firewall settings per PPTP user

## Content Filter

Φ User definable string filters for HTTP/SMTP/POP3

Φ Transparent encryption of SMTP traffic (TLS)

Φ Optional: **Virus Protection** for SMTP/POP3 (virus scanner updated hourly)

Φ Optional: **Desktop Anti-virus**

Φ Optional: **SPAM protection**

Φ Optional: **Web Content Protection** for HTTP

## Quality of Service/Traffic Shaping

Φ Prioritize traffic by network, service, protocol or host

Φ Impose quality of service rules for different systems

## About eCenturion

eCenturion specializes in affordable Internet security solutions for protection against hackers, viruses and other risks inherent with connecting to the Internet. eCenturion is committed to providing easy-to-manage, up-to-date, real time, automated & effective solutions for its clients' critical infrastructure.

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