

RouteFinder™

Internet Security Appliance



Benefits:

- Secure IPSec and PPTP VPN
- Strong 168-bit 3DES encryption
- Stateful Packet Inspection Firewall
- Email Anti-virus protection

The RouteFinder Internet security appliance is an integrated VPN gateway/firewall designed to maximize network security without compromising network performance. It uses data encryption, user authentication and the Internet to securely connect telecommuters, remote offices, customers or suppliers to the corporate office while avoiding the cost of private leased lines or dial-up charges. The browser-based interface eases VPN configuration and management. The VPN functionality is based on IPSec and PPTP protocols and uses Triple DES 168-bit encryption to ensure that your information remains private. The RouteFinder firewall security utilizes Stateful Packet Inspection, and provides optional email anti-virus protection.

*VPN Gateway/
Firewall for Secure
Communications over
the Internet*

Features

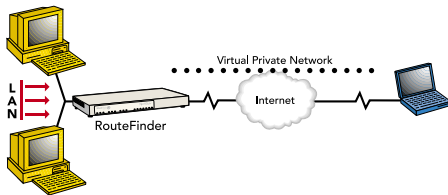
- Supports up to 256 IPSec and/or 128 PPTP VPN tunnels for secure LAN-to-LAN and Client-to-LAN access over the Internet
- Utilizes 168-bit Triple Data Encryption standard (3DES)
- 3DES encryption throughput of 15M bps
- Built-in Stateful Packet Inspection firewall with Network Address Translation (NAT)
- Automatic system updates to protect your network against the latest threats
- Application layer security using SMTP, HTTP, DNS and SOCKS proxies
- Improves network performance to frequently accessed web sites with built-in caching server
- Secure local or remote management using HTTPS or SSH
- Reporting function provides valuable troubleshooting information
- Three built-in 10/100 Ethernet ports (LAN, WAN, DMZ)
- Shared broadband or dedicated Internet access for up to 255+ LAN users with one IP address
- Internet access control tools provide client and site filtering
- Traffic monitoring and reporting
- IP address mapping/port forwarding and DMZ port
- Two-year warranty

Highlights

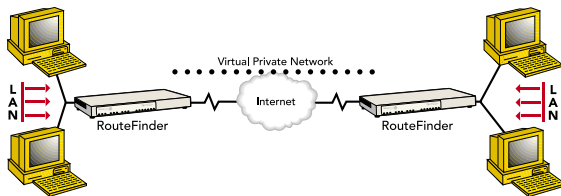
RouteFinder Applications. The RouteFinder combines Virtual Private Networking (VPN), firewall and email anti-virus protection* in one box. It is a cost-effective, easy to manage solution that is ideal for the small to medium business looking to add one or all of the following applications to their network:

* Optional yearly subscription.

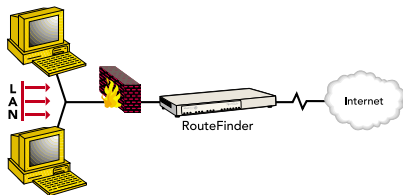
Remote User VPN. The client-to-LAN VPN application replaces traditional dial-in remote access by allowing a remote user to connect to the corporate LAN through a secure tunnel over the Internet. The advantage is that a remote user can make a local call to an Internet Service Provider, without sacrificing the company's security, as opposed to a long distance call to the corporate remote access server.



Branch Office VPN. The LAN-to-LAN VPN application sends network traffic over the branch office Internet connection instead of relying on dedicated leased line connections. This can save thousands of dollars in line costs and reduce overall hardware and management expenses.



Firewall Security. As businesses shift from dial-up or leased line connections to always-on broadband Internet connections, the network becomes more vulnerable to Internet hackers. The RouteFinder provides a full-featured firewall based on Stateful Packet Inspection technology and the NAT protocol to provide security from intruders attempting to access the office LAN.



Email Anti-Virus Protection. An optional email virus protection subscription ensures the network is protected against the latest virus outbreaks.

Plug-and-Play Security Appliance. The RouteFinder plugs in at the Internet connection of each office and provides three independent network interfaces (LAN, WAN and DMZ) that separate the protected office network from the Internet while providing an optional public network for hosting Web, e-mail or ftp servers. Each network interface is independently monitored and visually displayed on the front of the RouteFinder.

Secure VPN Connections. The RouteFinder uses IPSec and PPTP industry standard protocols, data encryption, user authentication, and the Internet to provide high-performance, secure VPN connections. For LAN-to-LAN connectivity, the RouteFinder utilizes the IPSec protocol to provide up to 256 tunnels with strong 168-bit 3DES encryption using IKE and PSK key management. In addition, it provides very high performance with 15M bps of 3DES encryption throughput. For Client-to-LAN connectivity, Multi-Tech provides optional IPSec client software. The RouteFinder also supports remote users that want to use the PPTP VPN client built into the Windows operating system. This provides 40-bit or 128-bit encryption, user name and password authentication and support for up to 128 PPTP tunnels.

State-of-the-Art Firewall Security. The RouteFinder provides network layer security utilizing Stateful Packet Inspection, the sophisticated firewall technology found in large enterprise firewalls, to protect the network against intruders and Denial of Service (DoS) attacks. It also uses Network Address Translation (NAT) to hide internal, non-routable IP addresses as well as allow internal hosts with unregistered IP addresses to function as Internet-reachable servers. In addition to network layer security, it provides application level security using SMTP, HTTP, DNS and SOCKS proxies. The RouteFinder also utilizes filters to block specific Internet content to protect against viruses, dangerous ActiveX controls, Java, Javascript, and Cookies. An automatic update feature provides the highest level of security by automatically downloading and installing the latest system software and security patches protecting against any newly discovered hacker attacks with a single click.

Email Anti-Virus Protection. Computer viruses are one of the leading security threats to Internet-connected networks. Users can unknowingly download and launch dangerous viruses that can damage data or cause computer crashes. Viruses can also be used as delivery mechanisms for hacking tools, compromising the security of the network, even if a firewall is installed. An optional email virus protection subscription utilizes a high-performance, ICSA-tested, anti-virus engine which checks both incoming and outgoing e-mail for viruses in real-time. Automatic anti-virus updates are downloaded at user-defined intervals to ensure protection is current. The email anti-virus protection can be easily renewed on an annual basis. Ask about our free 30-day evaluation.

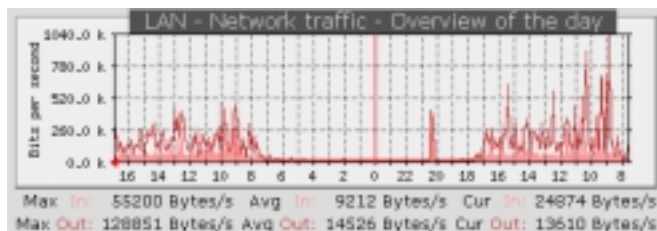
User Authentication. To increase the level of security, user identity can be verified before access to Internet services is permitted. The RouteFinder supports authentication at a local user database as well as at external user databases, like Windows 2000 or Radius server.

Web Caching Server. To enhance performance, the RouteFinder also provides web caching. By storing frequently visited web sites on a local drive, web surfing performance can be improved by as much as 50%.

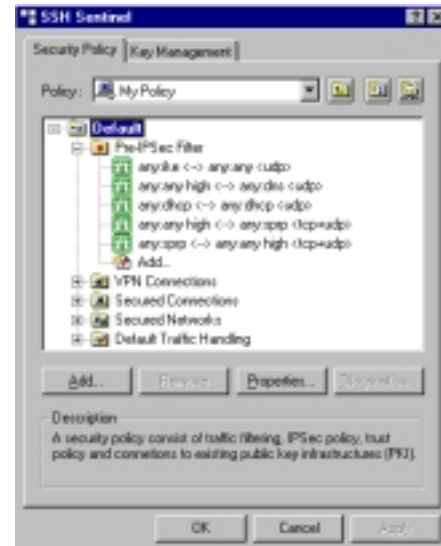
Robust, Easy-to-Use Management. The RouteFinder includes robust management support allowing a network administrator to securely manage the devices either through a web browser or at the command line. The browser-based option uses the HTTPS protocol, also known as SSL (Secure Sockets Layer) to provide 128-bit encryption to secure the management session. The command line interface is accessible via SSH and supports SCP (Secure Copy).



Reporting. The RouteFinder also includes a suite of integrated monitoring and reporting tools that help administrators troubleshoot the Internet security system and report to management the usage of the Internet. This includes reporting on system uptime, hardware and network utilization. As well as, HTTP and SMTP proxy reports including information and action to be taken on virus-infected e-mails. The RouteFinder also disables and logs attempted port scans. In addition, it provides accounting reports and a selfmonitor that sends an e-mail notification of system-level issues.



Optional VPN Client Software. Multi-Tech provides an easy-to-use IPSec VPN client that transparently secures your Internet communications anytime, anywhere. VPN client software is ideal for business users who travel frequently or work from home providing secure remote access through the RouteFinder VPN gateway for applications such as remote access, file transfer, email, Web browsing, messaging or IP telephony. Encryption and authentication operations are completely transparent to the end user. In general, IPSec provides stronger encryption than PPTP resulting in better overall security.



Multi-Tech RouteFinder Family. As a complement to the RouteFinder Internet security appliance, Multi-Tech has developed a line of RouteFinder solutions that provide cost-effective and easy to install Internet access for everyone on the network. The dial-up RouteFinder offers shared V.90/56K or ISDN Internet access when connected to external modems. The broadband models offer shared Internet access while utilizing DSL or cable connections. And, the wireless model provides connectivity to the Internet without installing or moving wires. Multi-Tech RouteFinder solutions were designed with the small to medium business in mind to provide flexible and scalable Internet connectivity for network users.

Comprehensive Service and Support. The Multi-Tech commitment to service means we provide a two-year product warranty and service that includes telephone technical support, 24-hour web site and ftp support.

Specifications

LAN Ports

Number of Ports: 3 (LAN, WAN and DMZ port)
Interface: 10BaseT/100BaseT
Standards: 802.3

Encryption

Algorithms: 168-bit Triple Data Encryption Standard (3DES-CBC), MPPE 40-bit/128-bit
Throughput: 15M bps (3DES)

Protocols

Security: IPSec, IKE, NAT, PPTP, HTTPS, SSH, SCP
Authentication: Shared secret and built in authentication server
Network: TCP/IP, DNS
Filtering: Protocol, port number, and IP address
Proxies: HTTP, SMTP, DNS, SOCKS

Processor

Pentium-class 566MHz processor

Memory

128MB

Disk Space

10 GB hard drive

Power

Voltage & Frequency: 100-240v AC, 50/60 Hz
Power Consumption: 30 Watts

Physical Description

17" w × 1.75" h × 10.5" d; 10 lbs. (1U rack mountable)
(43.18 cm × 4.45 cm × 26.67 cm; 4.54 kg)

Operating Environment

Temperature Range: 32° – 120° F (0-50°C)
Humidity: 25-85% noncondensing

Approvals

FCC Part 68, FCC Part 15 (Class A), CE Mark, UL60950

Ordering Information

Product	Description	Region
RF650VPN	Internet Security Appliance	US/Can
RF650VPN-Euro	Internet Security Appliance	Europe
RFIPSC-5	IPSec VPN Client-5 User	Global
RFIPSC-10	IPSec VPN Client-10 User	Global
RFIPSC-50	IPSec VPN Client-50 User	Global
RFAVUPG	One Year Anti-virus Upgrade	Global

* These products may have country specific versions for regions not listed. Specify country when ordering.

Made in Mounds View, MN, U.S.A.

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