

- **Hassle-Free**
- **Cost Effective**
- **Professionally Managed**

**Internet Infrastructure**  
*and*  
**Risk Management**  
**Solutions**

**Featuring:**

- **Integrated Email and Desktop Anti-Virus Software**
- **Built-in Virtual Private Network for Remote File Access**
- **Built-in Remote Control for Web-Access to Company PC's**
- **Browser Based Email System with Nightly Back-Up**
- **Firewall with Intruder Detection System and Monitoring**

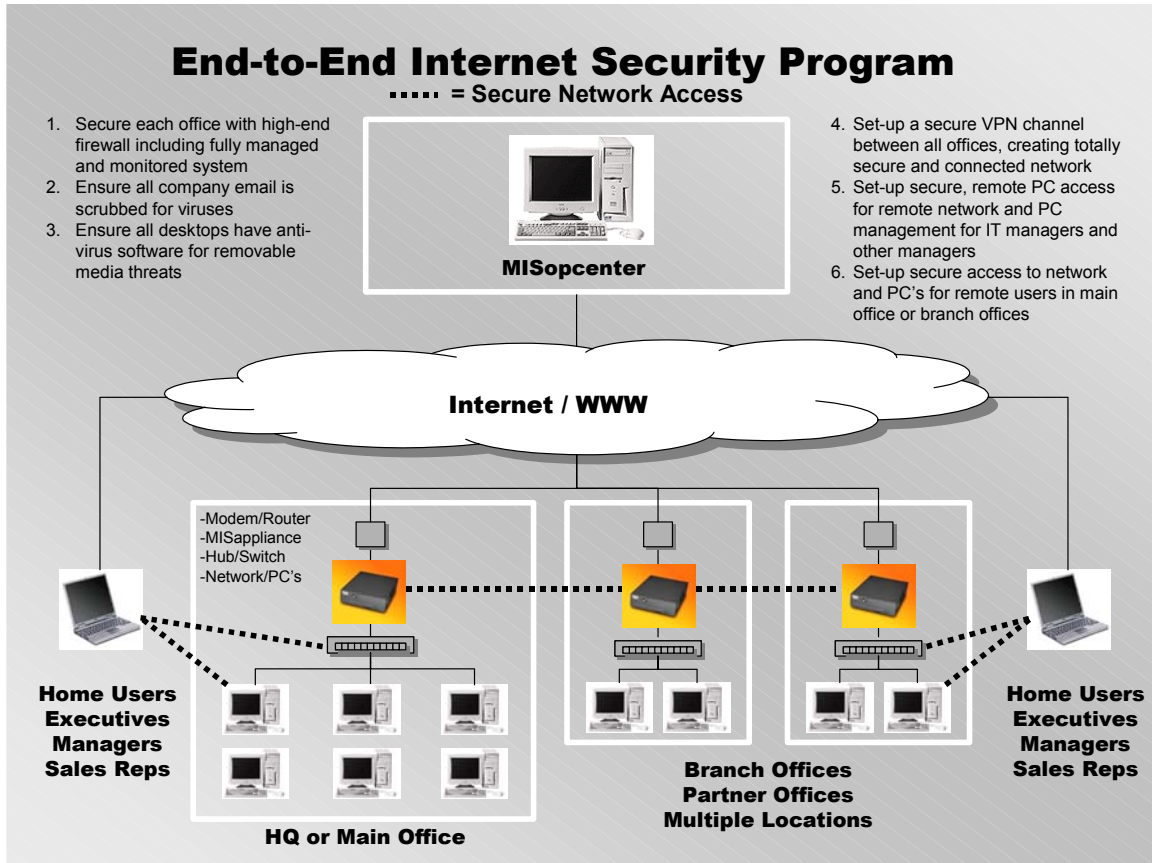
**M I S**  
Technologies

866-4MISTech  
[www.4MISTech.com](http://www.4MISTech.com)





# Everything You Need!



**One System. One Vendor. One Solution.**

24/7 Monitored Firewall

Email & Desktop Anti-Virus

Email Server w/Backup

Automatic Updates

Browser Based Email



Virtual Private Network

Remote Control

Local DNS & DHCP

Online Activity Reports

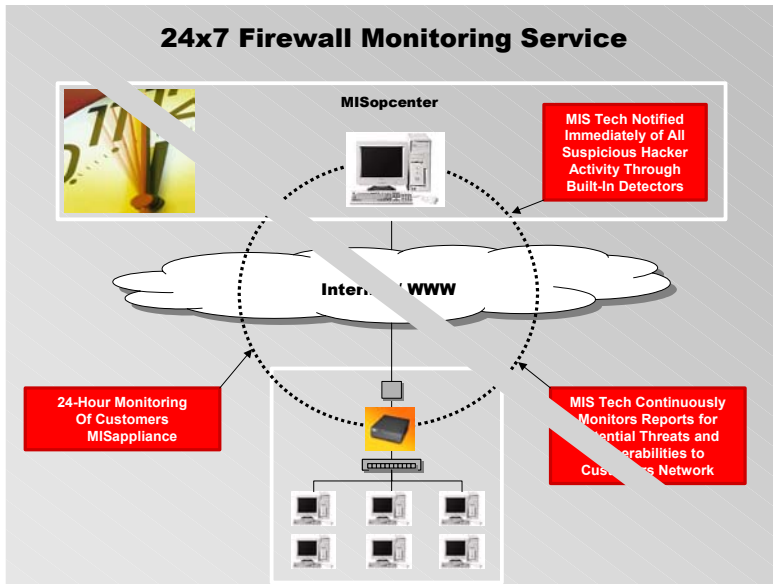
Content Filtering

**Designed to meet and simplify all of your Internet security needs!**

**M I S**  
Technologies

866-4MISTech  
www.4MISTech.com

# Patent Pending System



MIS Technologies (MIS Tech) security based products are designed to be managed, monitored, and serviced remotely using patent pending technology to help save customers time, money, and headaches. This patent-pending technology makes the MIS Tech solution more secure than loosely coupled, managed solutions from other vendors. This approach has been designed and architected to optimize security of the overall managed solution. The individual components are not sold, cannot be managed locally, and they cannot work as securely without the integrated MISopcenter™ and MISAppliance™ approach.

## Key components of the MIS Tech Security Service:

### MISAppliance™



- Firewall; VPN; Remote Control; Web and Email Server; and other capabilities
- Pre-configured network appliance device installed at customer location(s)
- Certified by Razorwire Security, June 2001, [www.razorwiresecurity.com](http://www.razorwiresecurity.com)

### MISopcenter™

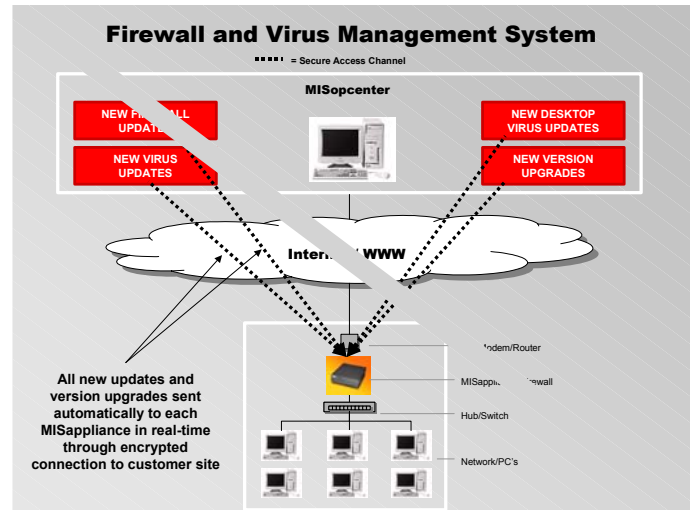


- 24/7 security monitoring of firewall and other MIS Tech services
- “Pushes” the latest security and software updates to MISAppliance™
- Customer service and support center
- MIS Tech’s Network Operating Center
- Technology experts authorized to work with MIS Tech systems
- Centralized management center of MISAppliance™

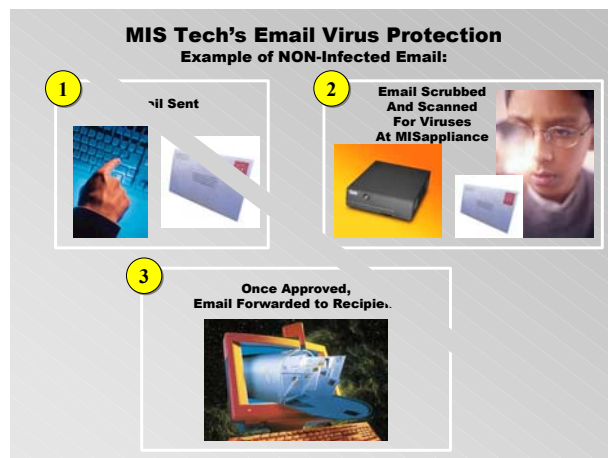
# Firewall & Virus Updates

The problem with every firewall or anti-virus program on the market today, regardless of the cost, is the ability to stay updated.

MIS Tech has designed a security service solution, which is updated with the latest rules and patches for any vulnerability that may affect the MIS Tech firewall solution. The customer simply receives the benefits of having these updates delivered automatically to the firewall device without having to do anything.



# Email Virus Scrubbing



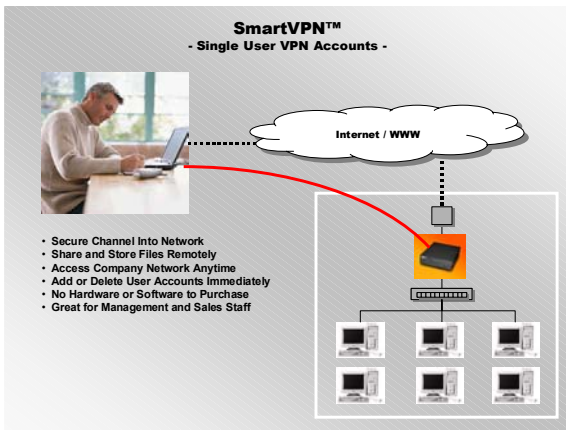
MIS Tech has integrated Kaspersky's Internationally renowned, ICSA Certified anti-virus software for both email/server and desktops to protect every possible risk factor, including incoming email and portable media such as floppy disks, CD-Rom's, and other means by which viruses may enter into the company network.

MIS Tech's comprehensive anti-virus security solution sanitizes every email, which provides end users with a number of security features and benefits. Dangerous HTML code, such as JavaScript, within incoming mail is disabled.

MIS Tech customers are protected against email based break-in attempts which exploit bugs in common email programs such as Outlook, Eudora, Pine, etc. Attachments are blocked or "mangled" based on their file characteristics. Invalid MIME headers are fixed and truncated. Visual Basic script attachments are scanned and disabled if necessary to alleviate security risks involved with Trojans and viruses.

Reference: [www.kaspersky.com](http://www.kaspersky.com)

# SmartVPN™



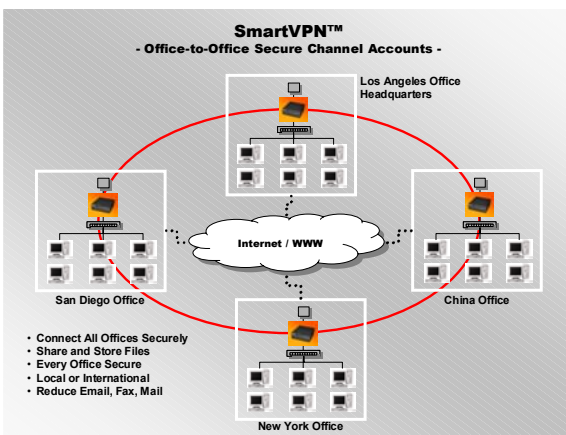
VPN's enable companies of any size to securely access information via the Internet without having to lease expensive data lines. Users of VPN's are able to access the company's basic network, accessing files as needed from remote locations.

MIS Tech customers have two choices when it comes to using VPN. They may either utilize single-user access to their company network, or they may set-up an office-to-office VPN, *OR BOTH!*

Single user VPN's are great for sales people, executives, I.T. professionals, consultants, or anyone needing to access, share, or update files within the company's network while not in the office.

MIS Tech's SmartVPN™ technology is supported by standard operating system software, meaning there's no software to download or license, and no hardware to purchase.

Office to office VPN connections are perfect for multiple locations that need a unified, secure network in order to seamlessly share, store, and access files.

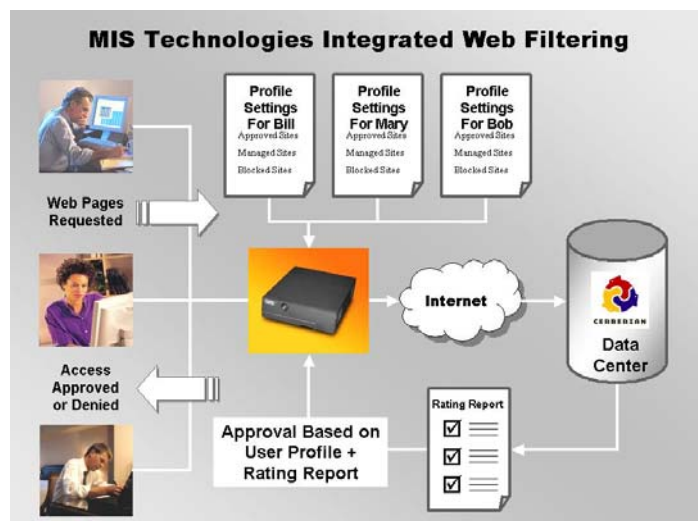


The MISappliance intercepts user requests for web pages to determine whether or not to allow a user to view a web page. The Web Filter maintains a database of over 22 million categorized URLs and also uses proprietary Dynamic Real-Time Rating technology with content vectoring to categorize new web pages.

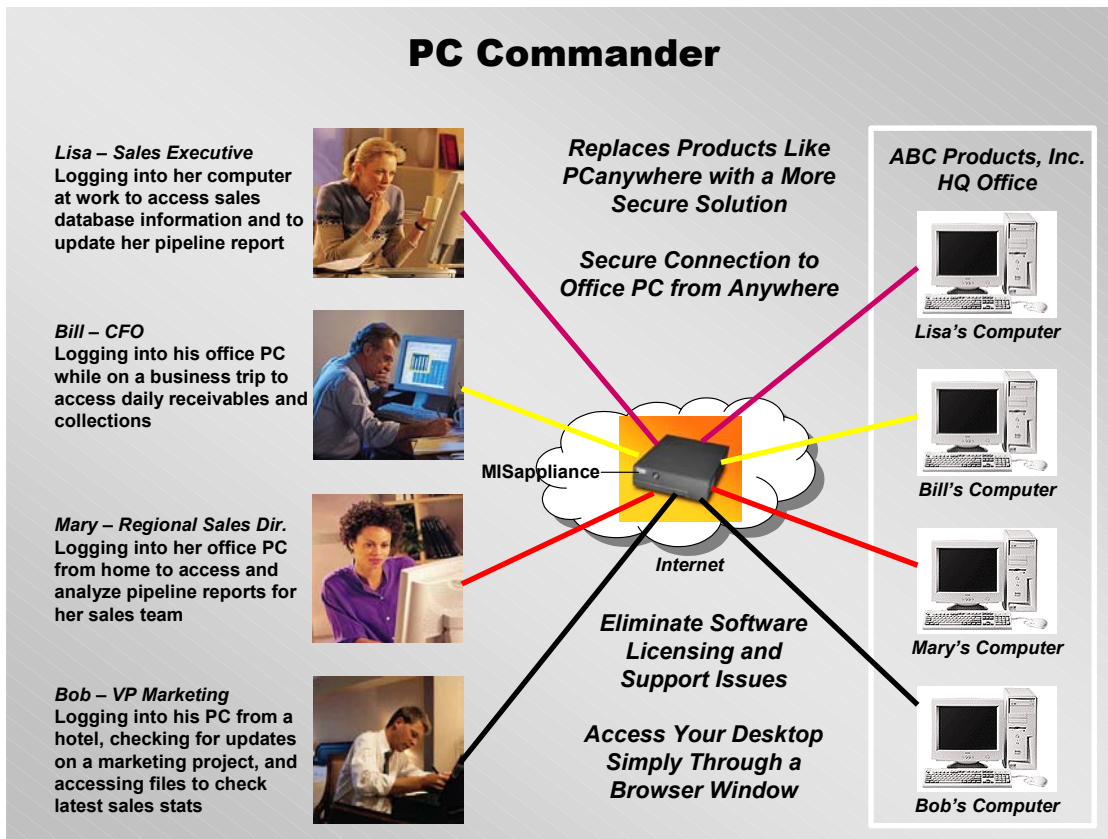
Content vectoring not only looks at the meaning of words, but also looks at the words in context and the formatting applied to the words, to determine the category that applies to the page.

The Web Filter also includes access to administrative reports that show various categories, the number of hits, and the specific user information. Each users access profile can be customized to their own needs based on company policies.

## Web Filtering



# PC Commander™



**Save time and money!** This is the key benefit of using MIS Tech's Remote Control service, called PC Commander™. Anyone who needs access to his or her PC when away from the office can use this feature. All you need is access to the Internet.

Browser based PC Commander allows users to take control of a company's PC behind the firewall, without compromising the security. Unlike programs such as PCanywhere or GoToMyPC, MIS Tech's remote control feature does not need a port to be open on the firewall thereby creating additional security risks, but rather it is tightly integrated with the firewall and security features to remotely access protected personal computers. PC Commander can also eliminate data synchronization issues.

PC Commander has several applications including multiple user access with restrictive options, allowing some companies to use this for remote training or presentations. The browser-based interface makes this feature universally available without using client software at remote locations.

And, unlike PCanywhere, MIS Tech's PC Commander is great for reducing additional licensing fees for use on multiple computers (home, laptop, and office). You can access any software on your desktop at work, which means you don't need to load another copy on your laptop or home PC. Even with PCanywhere you need to load software on two separate PC's. MIS Tech's solution requires no additional software.

# Administrator Tools

[:: Return Home](#)  
[:: Web Mail](#)  
[:: Control Panel](#)  
[:: Mail Preferences](#)  
[:: Download Center](#)

**Please Select a Feature**

**Web Mail** provides a secure method to access E-Mail through the World Wide Web.

**Control Panel** is used for configuration of the AmigoBox. Through this feature it is possible to setup accounts, filter web content, control internet access and view statistics and reports.

**Mail Preferences** allows email account users to change personal information pertaining to their E-mail. Options that may be configured include the users real name and password.

**Download Center** is a repository for all software necessary to take full advantage of all the features available from the AmigoBox.

[:: Return Home](#)  
[:: Web Mail](#)  
[:: Control Panel](#)  
[:: Mail Preferences](#)  
[:: Download Center](#)

**System Administration**

- :: Manage Mail Accounts
- :: Manage Remote Control Accounts
- :: Manage VPN Accounts
- :: Filter Web Content
- :: Control Internet Access
- :: View Statistics and Reports
- :: Logout and Close Session

## Various Levels of Access by Administrator

**Add Mail Account**

User Name:

Real Name:

Password:

Verify Password:

**Edit Mail Account**

Please select an account:

- mike
- joanne
- dave
- robert
- dianne

**Remove Mail Account**

Please select an account:

- mike
- joanne
- dave
- robert
- dianne

## Example of Simple Email Account Management

[:: Return Home](#)  
[:: Web Mail](#)  
[:: Control Panel](#)  
[:: Mail Preferences](#)  
[:: Download Center](#)

**Statistics and Reports**

- :: View General Reports
- :: View DHCP Assignments
- :: View Proxy Access
- :: Return to Main Menu
- :: Logout and Close Session

**DHCP Reports**

Hostname:	"demo"
Ends:	4 2001
Starts:	3 2001
Lease:	172.168
Hardware:	ethern
Hostname:	"mike"
Ends:	6 2001
Starts:	5 2001
Lease:	172.168
Hardware:	ethern
Hostname:	"demo"
Ends:	6 2001
Starts:	5 2001
Lease:	172.168
Hardware:	ethern

## Various Reports Available 24x7 to Administrator

# Additional Features

## ☑ Firewall

The MISAppliance Firewall is based on dynamic, stateful firewall techniques. Dynamic packet filtering examines data transmissions at a low level, and is then able to more intimately interact with the firewall rules set to more precisely secure the machine. This technique allows the MISAppliance to easily block port scans, computers specified in MIS Tech's Control Center and other malicious traffic such as IP spoofing.

### FEATURES:

- Efficiently separates your LAN from the public Internet
- Dynamic Packet Filtering that examines data transmissions at a low level, and filters more precisely
- Transparent Proxies to apply filter rules to the contents of TCP/IP packets
- Scan Detection to detect and block port-scanning attempts
- Spoofing Detection to protect the internal host against spoofing by hostile external hosts
- Site Blocking to prohibit certain Internet addresses from accessing your network
- Network Address Translation (NAT) and masquerading of IP addresses to make your internal network completely or partially inaccessible from outside networks
- Demilitarized Zone (DMZ) creates a separate, partially open public area at your location for separately hosted Websites (consult with MISopcenter for configuration)

## ☑ DoS (Denial of Service) Mitigation

Strict firewall settings prevent DoS attacks by dropping malicious packets and reporting them to the MISopcenter. The MISAppliance is also configured to only reply to ICMP ping requests from local users behind the machine and our MISopcenter. It is "invisible" from outside, since it will not respond to pings that are used to detect a "living machine" at a given address. This mitigates "Smurf" and other DoS attacks relying on servers that reply to ping requests.

## ☑ Anti-Spamming Filter

The MISAppliance provides a dual tier anti-spamming filter protection schema. Tier one is a global level that affects all mail users by subscribing them to the real time black hole list (RBL) to ensure the latest spam protection. This list is updated in real time. Tier two is provided through the Web mail interface at a user level. Users may choose to subscribe to a few different anti-spam list services all updated real time or create their own message filters based on data from email headers and bodies.

## ☑ Email Server & Backup

Host and access all your company's email needs on the MISAppliance with an easy to use Web configuration interface. The MISAppliance supports IMAP4, POP3 and Web mail access for local and mobile remote users. If used, email and mail folders are backed up to an unmounted partition nightly where they may be completely restored in case of an emergency.

## ☑ Web Mail Interface

The MISAppliance provides a very detailed and user-friendly Web mailing system to ensure users have the best features available in one easy to use package. Features include language translation, POP fetching from other POP accounts, mail filters, spam filters, address books, folder subscriptions, searching capabilities, message highlighting and spell checking. A shared folder on the Web interface makes file attachment sharing possible for remote users.

## ☑ Website Hosting Server

The MISAppliance Web server is setup with a custom configuration that allows us to offer secure Website hosting for basic, marketing focused Websites.

## ☑ Local Web Caching

The MISAppliance caches commonly accessed Websites locally to speed up Web browsing. This feature also saves companies money by reducing total bandwidth usage.

## ☑ Local DNS

The MISAppliance DNS server is used for caching DNS queries to provide faster response time for local machines and save total bandwidth usage. Zone transfers are blocked to disallow hackers from obtaining information about your local network.

## ☑ DHCP Server

DHCP is used to assign IP addresses, gateways and subnet masks to masqueraded workstations behind the MISAppliance. It is not possible (even with spoofing) to obtain a DHCP lease from an external network. This service is not open for public usage.

## ☑ Access to Daily Reports

Your MIS Tech administrator or technical contact has access to general reports, which shows Internet traffic, Web traffic, mail traffic and system load on a yearly, monthly and daily breakdown.

## ☑ Pro-Active Dynamic Firewall

The MISAppliance firewall is designed to be secure from the start by defaulting to drop all input, output and forwarding traffic. After strict review of the client's network we are able to decide where normal traffic flows and how to most securely recognize it for routing through the firewall. To obtain this level of precise accuracy we must analyze traffic at a per "packet" level. Any traffic not passing through the firewall is logged and dropped. This strictly enforced policy makes it possible to later gather more information through means of heuristic analysis based upon all dropped traffic over any given amount of time.

## ☑ Secured Services

MISAppliance services are configured and designed to promote user security as a top priority. The MISAppliance utilizes features such as "windowing" and "source + destination routing" where traffic is only permitted to pass through the firewall for a given time period from one specific source to a predetermined target destination. Limiting scope features such as this allow the MISAppliance to provide Remote Control and VPN solutions on unmatched security levels. High encryption standards are also met throughout the MISAppliance's broad range of services to guarantee no plain text passwords are ever transmitted over the network and your confidential data stays out of big brothers hands. Unused services are also disabled to more completely secure the MISAppliance down. Possible services include but are not limited to: Control Panel, DHCP, DNS, Email SMTP, FTP, HTTP, HTTP-Proxy, POP3, Remote Control, VPN, and Web Mail. Note that our definition of a service is not necessarily one that is listening on a port but a feature provided by the MISAppliance.

## ☑ Intrusion Detection System

The MISAppliance advanced Internal Detection System acts as an on guard watch dog continuously monitoring the system for any potentially malicious attacks or attempts. Because our services honor "deny by default" principals we can gather and analyze much more information than any typical IDS service. This ideology also makes it possible to block attacks before they occur and report if necessary back to the MISopcenter where further action may be appropriated.

## ☑ Internal Triggers

Internal Triggers serve as artificial intelligence agents that watch over the MISAppliance and perform a wide variety of tasks such as fixing or repairing broken services and reporting problems back to the MISopcenter. Based on information gathered from these triggers we can deduce information such as network efficiency and MISAppliance hardware utilization. Percentage triggers are also in place to monitor system resources and fire triggers to the MISopcenter if a utilization ratio becomes too high IE: memory, cpu, hard disk.

# Certified & Proven!



Razorwire Security is a collective group of Internet architects and network engineers that represents over 100 years of combined experience in network, Internet and software security.

MIS Technologies contracted Razorwire to conduct extensive vulnerability testing on the MISAppliance firewall and security solution.

On June 11<sup>th</sup>, 2001 Razorwire provided a detailed assessment, which includes explicit details of the testing and results. Because of the proprietary nature of the assessment and the testing methodologies, this information is confidential and not for public consumption.

Here is an overview of the types of testing done:

- Remote Tests
- DoS
- Firewall Configuration
- File Permissions & Attributes

The tools, methods, and techniques employed by Razorwire to perform these tests are generally well known throughout both the computer security and "hacker" communities.

All Internet tests were accomplished from the perspective of an outsider or hacker trying to gain unauthorized access. Tests were also conducted from a Razorwire test station on the internal network to determine the risk from insiders gaining more access than they are allowed under normal operating situations.

## Summary Quotes:

*"The designers and builders of the MISAppliance should be commended."*

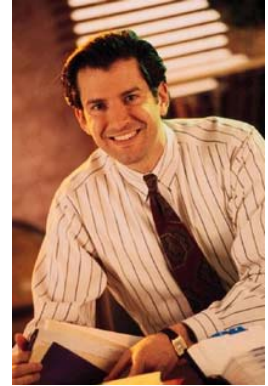
*"We at Razorwire Security would have no problem recommending the MISAppliance to any company. From the time it's set into action at the customer location, the MISAppliance screams of ability. With the continued competence of the managed service, no company without at least a moderately sized IT staff would be complete without it."*

MIS Tech is proud to have been certified by Razorwire. Ongoing testing and assessments will continue as the MISAppliance and MIS Tech services continue to develop in order to ensure MIS Tech customers are receiving the best and latest in hacker and virus protection.

## From the Razorwire website... ([www.razorwiresecurity.com](http://www.razorwiresecurity.com))

MIS Tech provides a managed Internet appliance for small to medium businesses. Their device provides multiple services such as a firewall, web server, email server and dns server. Razorwire provided a vulnerability assessment of the MISAppliance and found it to be extremely well built and a great deal of thought had been put into the security of the device. Additionally Razorwire provides input on new implementations and updates to the box and to assist in defining the security parameters that go into its ongoing evolution as a security device.

## What Customers Are Saying



***"...the MIS Tech service has saved me countless dollars in security and network costs."***

*Met Ergun, President  
AcuSource.net*



***"I recommend the MIS Tech service...it's reliable, efficient, and easy to use."***

*Cora Reyes, MIS Manager  
PCS Payroll Services*

# Getting Started is Easy!

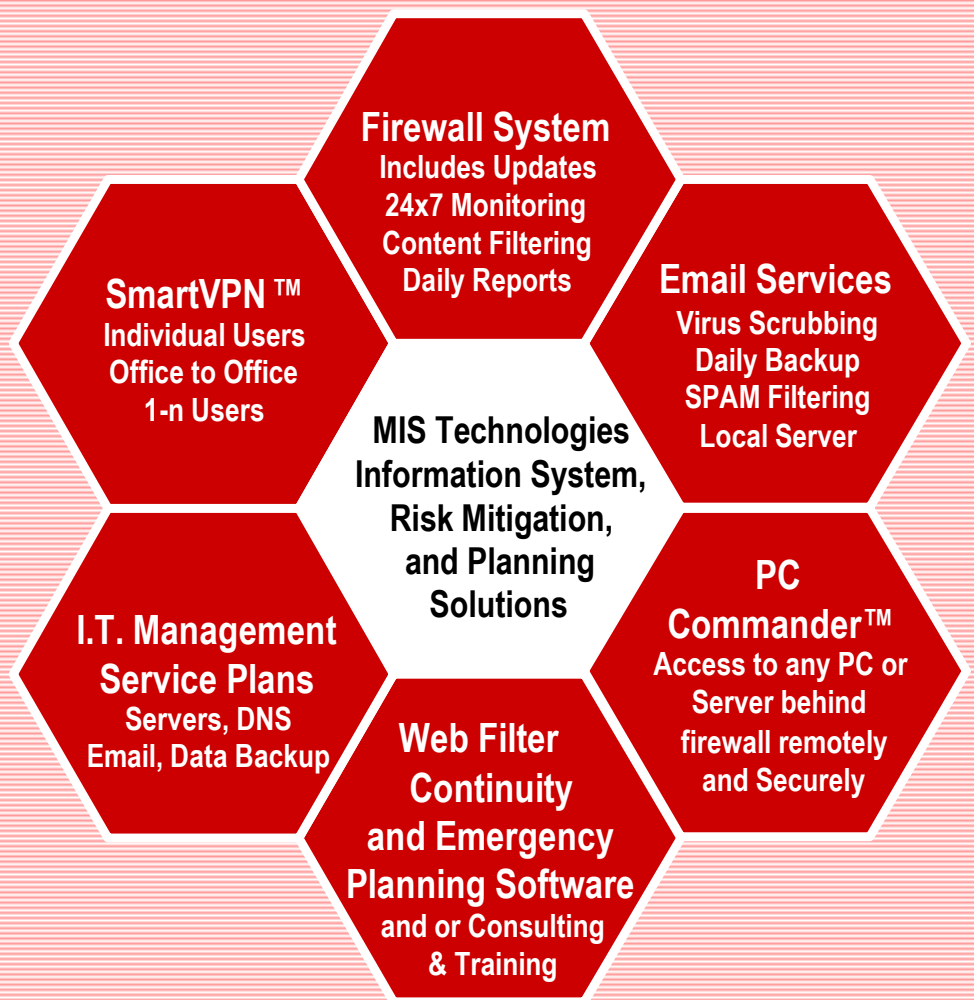
Every MIS Tech customer has different user and networking needs. With this in mind, your MIS Tech consultant will work with the MISopcenter technical support staff to make sure your MISappliance is pre-configured just right for your network environment.

*Based on your current needs, you can purchase individual functions or bundle together for a more comprehensive solution.*

MIS Tech's gives you everything you need with plenty of room to expand and grow as your needs change.

With MIS Tech's services, you're not locked into a certain number of licenses or users; only pay for what is used month by month. The standard service fee stays the same.

There's no comparison... the value of MIS Tech's managed Firewall, VPN, and Anti-Virus solutions are bundled into one simple and affordable solution, and you'll never have to do an update to your security system again.



# ***About MIS Technologies***

The Irvine, California based MIS Technologies provides managed Internet services to small and medium sized businesses to remotely administer local area network resources including security, protection and communication software via the Internet.

Emphasizing customer service, convenience and value. MIS Tech provides a complete Internet service solution that includes:

- ***A proprietary network server (appliance), pre-configured for easy connection by the customer***
- ***A low cost, monthly subscription fee service that continually monitors, reports, manages and updates software automatically***
- ***Customer service and support***

MIS Technologies network appliance and services surpass competing solutions by providing its customers with lower overall costs, simple plug-and-play equipment and online support; all setup configuration, management and software updates are performed over the web automatically by MIS Technologies Network Operations Center, (NOC).

The appliance is independent of the customer network and operating system and can be installed with new or legacy systems. It is compatible with all Internet connection services such as T1, Digital Subscriber Line (DSL) and cable modem.

## ***Our Commitment***

The founders of MIS Technologies have over 25 years experience each – over 50 years combined, acting as high-level I.T. managers, directors, and vice presidents of large and small corporations, including JP Morgan Finance.

In their experience, they have implemented million-dollar network security systems, working with almost every known product on the market including Cisco PIX, Checkpoint, and so on. In addition, each founder has worked hands on with small and midsize companies, bringing valuable knowledge of the problems, costs, and issues that small to midsize businesses have – especially relating to technology.

It is because of this experience, and their ability to create a patent-pending technology and service that is affordable and highly functional for any size business, that MIS Technologies is seeing so much success with companies and IT managers that are looking for the best security available, but are struggling with updates, patches, expensive hardware and software costs which depreciate almost immediately, and are almost impossible to keep up with. MIS Technologies looks forward to, and is committed to, bringing your business the highest level of security and service at the lowest possible cost.