

IT Services & Solutions For your Business

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IN 2 IT Firewall & Mail Solutions



High End Security for Access Control, User Authentication, and Attack Protection at the Network and Application Level

As threats to the network grow more prevalent and destructive, securing the infrastructure is critical to maintaining a viable business. Attacks come from multiple sources in a variety of forms. Businesses need more than just a security device; they require a comprehensive, reliable, and integrated security solution.

The IN 2 IT firewall & mail solution is an integrated security solution that is purpose-built and customisable to perform essential networking security functions. Customised from the ground up to provide superior networking and security capabilities, the operating systems are not plagued by inefficiencies and vulnerabilities of general-purpose operating systems. Capable of growing with your infrastructure supporting a healthy life span, these devices have proven reliability and performance.

Integrating technologies utilized by IN 2 IT can protect the network from all manner of attacks and malware while simultaneously facilitating secure business-to-business communications.

Highlights:

- Complete set of Unified Threat Management security features—including stateful firewall, application security, intrusion prevention, antivirus, antispyware, antiadware, and antiphishing, antispam, and Web filtering—stops worms, spyware, trojans, malware, and other emerging attacks.
- Centralized, policy-based management and experienced technical staff ensure the highest level of security is maintained.
- Central Database and Rule backups routinely maintained.
- Automated firewall maintenance and updating
- Outsourced solutions on offer for peace of mind

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Defense Begins with Network-Level Protection

To protect against network-level attacks, IN 2 IT use a dynamic packet filtering method known as stateful inspection to unmask malicious traffic. With this method, firewalls collect information on various components in a packet header, including source and destination IP addresses, source and destination port numbers, and packet sequence numbers. When a responding packet arrives, the firewall will compare the information reported in its header with the state of its associated session. By default, the IN 2 IT firewall denies all traffic in all directions. Then, by using centralized, policy-based management, enterprises can create security policies that define the parameters of traffic that is permitted to pass from specified sources to specified destinations. Secure, reliable WAN connectivity also plays an important role in network-level protection. By deploying robust virtual private networks (VPNs), remote sites can be securely connected to other remote sites and to centralized data and applications using high bandwidth shared media such as the Internet. Features such as Auto Connect VPN can help ease the administration and management of VPNs.

Integrated Antivirus Protects Remote Locations

For remote offices or smaller locations with limited IT staff, integration and simplicity are an absolute must in any security solution. The IN 2 IT Firewall currently provides integrated file-based antivirus protection from F-Secure. These products combine firewall and VPN capabilities with an antivirus scanning engine that includes antiphishing, antispysware, anti-adware to provide a comprehensive security solution in a single device. These integrated appliances scan for viruses imbedded in both email and Web traffic by scrutinizing IMAP, SMTP, FTP, POP3, IM and HTTP protocols. They provide the most advanced protection from today's fast-spreading worms, viruses, trojans, spyware, and other malware from damaging the network. With its ability to uncompress files using common protocols, the engine scans deep inside attachments to detect threats hidden in multiple levels of compression.

Controlling Access to Known Malware and Phishing Websites

Employees who access inappropriate websites from the corporate network risk bringing malicious software into the organization. Worse, their errors in judgment could also expose the company to litigation for not having adequate controls in place. IN 2 IT Firewall Solutions is the ideal solution to help organizations devise and enforce responsible Web usage policies. A number of approaches are available to you ranging from group or individual policies, access control filtering on words and bad URL's. The approach is often customizable and can be adapted to virtually any need or requirement.

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E-Mail Archiving / Mail Server / Email Spoofer

The firewall may be adapted at any stage to act as a fully fledged mail server incorporating the preset firewall security settings and rules. This includes a web mail facility for those on the move offering an independent e-mail management system from anywhere in the world. Supporting all popular protocols, mail can be delivered to your mobile phone and e-mail client efficiently. The firewall may be configured as an "E-Mail Archiving Tool" enabling the business to store all incoming and outgoing mail prior to the email reaching the users mailbox or in terms of sending, duplicating the mail prior to it reaching the destination email address. Expanded functionality includes the facility to introduce an E-Mail Spoofer, this process acts as the front end internet exposed mail server collecting all mail for your business then distributing it to your "actual" mail server once the mails have been passed by Anti Virus and Spam filters. E-mail Spoofing is designed to remove the risk, address mail server weaknesses and provide relief to highly worked mail servers. A simple plug in, designed to facilitate any demanding environment.

Reporting

IN 2 IT Firewall reports are automatically produced daily, weekly and monthly. These reports offer a drill down facility providing the manager with the ability to closely monitor user behavior and productivity. In cases such as fraud and disciplinary issues, these reports can be used as evidence and are often capable of leading the investigation.

Active Traffic Diagnosing

The IN 2 IT Firewall offers an integrated facility whereby live traffic may be viewed at any given time to establish errors, virus attacks and to address pace related internet issues. This provides valuable information as to what traffic is running through the firewall and where it is going.

Bandwidth Priority

In cases where certain applications / managers/ staff / ports and/or protocols require optimum internet performance, they can be set to automatically be provided with greater bandwidth improving performance and functionality.

Proxy with Large Cache

By implementing a PLC, the end user automatically gains better internet performance. The purpose is to store visited "offsite" pages, downloads and internet related files. Greatly reducing the amount of bandwidth consumed as the file may at some point been downloaded by another user resulting in it not having to be re-downloaded. This is especially true for software updates, zip files and Adobe documents.

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Port / Protocol Forwarding, Nat rules and Routing

The firewall solution manages all advanced routing functions, such as where VPN traffic, Remote Desktop / Terminal Service Traffic, Web based traffic and so forth needs to be routed. As the Internet and IP networks become mission critical business tools, there has been increased interest in techniques and methods to manage the routing posture of networks. Incorrect routing or routing issues cause undesirable performance degradation, flapping and/or downtime. The firewall addresses these issues, providing a consistent, reliable and workable solution, especially in larger more complex environments.

Advanced Routing – One Level Up

Getting the most out of your internet often requires the use of two or more internet lines, each used for specific functions. The IN 2 IT firewall solutions can route mail through the one line and internet browsing through another as an example. Advanced routing offers high performance whilst retaining high security.

Managed Solutions

For a monthly fee, IN 2 IT will manage your firewall and mail server needs, providing peace of mind, expertise, advice and maintenance. A “fire and forget solution” with the customer’s interest at heart.

Conclusion

The IN 2 IT Firewall and Mail Server solution has been developed over a decade. The solution is perfected, offering diversity, countless features and benefits suiting multiple infrastructure needs and requirements. Growing with your business, the IN 2 IT solution is a must for any business.

E-mail: info@in2it.co.za
Tel: +27 11 453 9136