

# Network Solutions Overview

A Deeper Look At The Security Services Offered By Our Expert Engineers



Contact Us Today  
To Get Started

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## What's In It For Me?

If your firewall isn't performing exactly as you expect, don't just go buy a bigger and better box! Let our engineers wring out every last available megabyte of processing power. Firewalls.com employs some of the most talented, experienced, and authoritative minds in the network security industry. With our very own Security Operations Center located in our Indianapolis office, our team of engineers possess the unique ability to inspect, diagnose, & configure firewall appliances in real-time lab environments. This process ensures that your appliance is fine-tuned to the most efficient settings and always in line with modern security best practices. Network security is hard. We simplify the process by eliminating redundancies, inefficient settings, & obsolete practices.

## **Active Directory Integration with Single Sign-On**

Greater control over the users operating on your network lightens the load of network administrators. Instead of being tied down to a single machine, Single Sign-On lets a user's identity transfer from device to device, simplifying the process of user audits and activity tracking.

If an infection should occur, Single Sign-On can save you time as you work to detect, locate, and quarantine the threat. Root Cause Analysis is a breeze, allowing administrators to see exactly where, when, and why a breach occurred. Make a commitment to user accountability with Single Sign-On.

## **High Availability**

What plan does your organization have in place in the event of a firewall hardware malfunction? If you're not utilizing a High Availability-enabled setup, you will likely eat the cost of extended network downtime. Employing an identical hardware appliance with synchronized configurations behind your network means that if the primary appliance fails, you have backup! High Availability grants 24x7 access to data and ensures productivity doesn't grind to a halt in the case of malfunction or disaster.

Our engineers synchronize settings across primary and HA units then configure your backup appliance in-line with your firewall, building failsafes into your network.

## **Wireless Networking**

Mobile workers are efficient workers. Businesses thrive on collaboration, teamwork, & flexibility. A wireless network grants your organization the ability to work when they want, where they want, without being tied to a desk.

Fast, secure public WiFi hotspots ensure your guests can connect to the Internet without intruding on your internal network where sensitive data is stored.

## **VOIP**

Optimizing performance of your VOIP means more than just clearer calls. It means you won't suffer the frustrations of dropped calls, one-way calling, missed conversions, & static-filled conferences. VOIP is easier to scale up than traditional phone systems and costs far less to operate internationally. As one of your organization's most critical resources, reliable calling that follows employees across devices should be a top concern for business owners and administrators.

Our engineers allocate sufficient bandwidth to your VOIP systems and prioritize call clients so that phone conversations won't be sacrificed for websurfing.

## **DPI/SSL & CA Certificate Deployment**

With over 60% of web traffic hiding behind encryption, implementing Deep Packet Inspection is crucial in order to analyze encrypted data. Our engineers assist with deployment of appliance certificates that allow for SSL scanning on Edge, Internet Explorer, and Google Chrome. Please note, this service is currently only available for users of Windows OS.

Deploying advanced certificates is a notoriously time-consuming process that is often better left in the hands of experts. Let our engineers authenticate and secure your website with DPI/SSL so that your appliance scans even encrypted traffic for the latest advanced security threats.

## **Email Security**

Your inbox represents one of the most common routes of infection on company networks. If you have been the target of phishing, spearphishing, whaling, or any other form of social engineering, then you understand just how clever and manipulative this branch of cyber crime has become. Our engineers review cipher settings and POP3/IMAP/SMTP protocols so that your mailbox won't leak like a sieve.

Your firewall can scan both inbound and outbound traffic, looking for clues of any sensitive information such as credit card data, social security numbers, or personally-identifying information that hackers can use as leverage for further attacks. Quarantine and detonate suspicious payloads before they can impact your network!

## **Content Filtering**

Tired of seeing Facebook, Youtube, Twitter, and other time-wasting websites in your workplace? Content filtering gives you granular control over the websites that your users can access. By restricting users and groups to only the types of websites necessary or their role, you eliminate the risk of inappropriate and unproductive web usage.

Organizations are often unaware that they may be held liable for any illegal activities that take place on their network. By deploying a smart Content Filtering strategy, organizations demonstrate a best-faith effort to prevent such illicit usage of company resources. Content Filtering services are common requirements for regulatory compliance.

## **Access Control Lists**

Capitalize on infrastructure and bring identity to the forefront to gain control of information exposed and traversing the network by utilizing hardened access controls. Permit, deny, and prioritize network functions and reduce user risk by controlling who has access to what, when they can access it, and where that access may originate from. Safeguard your data by implementing granular control of users and groups.

By taking advantage of pre-defined blacklists and whitelists, your network starts with a strong foundation of access controls upon which you can build the granular rules and exemptions unique to your network. Meet regulatory compliance requirements by limiting access to sensitive data, functions, and applications.

## **Firewall Health Check**

The threat landscape is always changing. With ransomware-as-a-service and malware cocktails resulting in an endless stream of never-before-seen threats, a strong security posture is a dynamic one. The days of "set it and forget it" security have passed and staying at the forefront of cybersecurity means staying on your toes with frequent updates, policy changes, and growth of standard operating procedures.

Our engineers ensure your network is up to date with the most advanced security best practices by reviewing your firewall policies, configurations, cipher settings, user groups, and more. Our engineers have been configuring firewalls for over two decades, so if there is any room for improvement in your security, we will uncover it and share real, actionable recommendations to increase performance and strengthen your network.