



# MANAGED FIREWALL

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Service Definition

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## Understanding Firewalls

A Firewall is the gatekeeper between your trusted networks and untrusted networks such as the Internet. It watches all traffic going to and from your networks and only allows that which has been specifically enumerated and granted access. It is your first and most formidable line of defense against determined attackers, script kiddies, and unscrupulous sites and applications.

Firewalls can also provide secure connectivity through Virtual Private Networks (VPNs) for employee remote-access as well as vendor services.

## What Astrum Labs Offers

A firewall should be deployed anywhere a more trusted network needs to communicate with a less trusted network. If your business requires access to the Internet or you have vendors that need to communicate with your network, then you need a firewall.

As such we provide:

### ► Firewall Design and Installation

We are network security experts who know where and when to implement a firewall. We will examine your network, and your operational needs to determine if you need a firewall, what level of firewall you need, and where that firewall needs to be placed in your network. We will design a custom ruleset for your firewall and integrate it into your network.

### ► Expert Level Support

Firewalls control the flow of traffic and are at the heart of your network. When you need to make changes to your network, the firewall will need to be modified to accommodate those changes. We will advise what changes need to be made, and implement those changes.

### ► Monitoring and Maintenance

Firewalls are complex and critical pieces of your network. They require care and feeding. We will monitor the logs to ensure there are no issues, upgrade the software components as needed, and maintain proper backups in the case of failure. We will also track changes made and generate reports that can be reviewed for quality and compliance verification.

### ► Multi-Factor Authentication (MFA)

User passwords are exposed all the time though simple inattention and large data breaches alike. The use of MFA prevents nearly all of these exposures by making passwords one-time use only. We include MFA for both firewall management logins as well as all remote-access VPN users via software tokens for Android, iPhone and Windows