SIX THINGS YOU NEED TO KNOW ABOUT FIREWALLS



To combat hackers aiming to steal data, businesses of all sizes and types work with security experts to deploy firewalls to secure their networks. Managed firewalls provided by qualified managed service providers (MSPs) give companies the ongoing management and coverage they need for 24/7/365 protection of their company.

Firewalls Are the First Line of Defense for Your Network

A firewall is a network security device that prevents unauthorized access by inspecting traffic on a network using security rules to block cyberthreats seeking access to the organization. The firewall is the first layer of protection from Internet-based threats. It's analogous to a guard who protects your house (data) so no one steals from (hacks) you.



Different Types of Network Firewall Solutions

Your business has an array of network firewall solutions to choose from, including:



Software Firewalls

A software-based firewall runs on a server or other device and must be installed on each device requiring protection.



Stateful Firewalls Stateful firewalls make stateaware devices examine packets and keep track of whether they're part of an established protocol or session, or whether they're a threat.



Hardware Firewalls

A hardware-based firewall is an appliance that acts as a secure gateway between devices inside the network perimeter and those outside.



Next-Generation Firewalls

Next-generation firewalls use tech such as deep packet inspection, intrusion prevention and app awareness to block threats more effectively than traditional firewalls.



Stateless Firewalls

Stateless firewalls use a data packet's source, destination and other parameters to determine if the data presents a threat and blocks it.



Management Firewalls A unified threat management

software solution that

firewall is a comprehensive

combines security features

into a single unified system

simplifying management of security solutions.

The Benefits of Hiring an **MSP** to Manage Your Firewalls Proper configuration and updating is

critical as even advanced firewalls can be ineffective if not configured, updated or patched correctly. Once deployed, they must be monitored and managed to ensure effective operation and detect cyberthreats. Managed Firewalls are more than security and provide:



Adopting a managed firewall service ensures the traffic in and out of your network is monitored nonstop by the MSP, so your business is protected even when your own staff is out.

A managed solution means that all firewall

IT Cost Savings

maintenance, patch management and updates are taken care of by the MSP, so your in-house IT resources can be assigned to revenue-generating tasks, instead of putting out fires. **Comprehensive Coverage**

A high-quality MSP will deliver

comprehensive coverage in the firewall offering, including virus and malware prevention, IDS, IPS, vulnerability scanning and web filtering with configuration and optimization from knowledgeable experts.

\$695,000 or More Annually The average costs to manage network firewalls 24/7/365 in-house include:

Managing Firewalls In-House Costs

NEED COST

Security information and event management (SIEM) firewall license	\$40,000 per year
Five Security Analysts	\$435,000 per year
One Senior Security Analyst Manager	\$110,000 per year
One Correlations Rule Engineer	\$110,000 per year



Partner with an MSP Consider partnering with an MSP if: You need specialized expertise

Your IT team is stretched too thin

in cybersecurity



You want your IT team to focus on other tasks

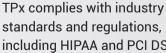


You need a cost-effective way to manage your network firewalls





Consider TPx for Managed Firewalls Businesses like to choose TPx to manage their firewalls because:



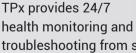
standards and regulations, including HIPAA and PCI DSS

Regulatory Compliance

Patch Management

updates and patch management

TPx takes care of firewall

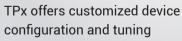


troubleshooting from seasoned security professionals

Health Monitoring

Log Reporting TPx is responsible for firewall log

retention and reporting



configuration and tuning

Customized Configuration

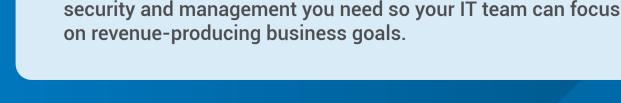
Licensing, Backup & Storage

TPx handles firewall licensing,

configuration backup and storage

hardware assurance,

Your business has enough challenges. Partner with an MSP like TPx that offers firewall solutions to give your business the data



Learn More About Firewalls







www.tpx.com