Managed Security Service

Protect your network from Internet threats with an Internet security solution, including a fully managed and maintained firewall.

Managed Security Service overview

Businesses must ensure high availability and performance of networks and protect against Internet threats, but find it difficult to maintain the infrastructure with limited IT resources. Spectrum Enterprise Managed Security Service is a fully managed solution of network design, equipment installation and monitoring. It serves to provide high-performance and secure Internet connectivity, while reducing the IT burden of self-managed firewall equipment.

Product highlights

- Help eliminate network threats: Protect your network with a reliable firewall to identify and block suspicious activity from Internet threats
- **Protect data:** Receive automatic firewall updates to mitigate known risks and vulnerabilities
- **Provide remote security:** Enable remote users to remain securely connected with secure site-to-site and mobile VPN connections
- Manage efficiently: Offload network support requirements with this fully managed solution that monitors network security, allowing IT staff to prioritize other initiatives
- Maintain regulations: Stay compliant with federal mandates such as HIPAA, SOX, CIJA and PCI-DSS with secure firewall connections that block external access
- **Provide expert support:** Focus on more strategic initiatives, knowing you have dedicated access to certified technicians as well as local account teams, plus 24/7/365 phone and online support

Features

- Unified threat management (UTM) firewall
- Intrusion detection service (IDS)
- Intrusion protection service (IPS)
- Demilitarized zone (DMZ) and network segmentation
- Gateway anti-virus/spyware protection
- URL/Web/content filtering
- Event log management
- · Vulnerability assessments and testing
- Application layer control
- Advanced security reporting
- IP VPN
- Remote and mobile VPNs (SSL)
- Managed IPSEC VPN (site to site)



Managed Security Service Portal

Increase visibility to Internet threats and activity statistics via the Managed Security Service Portal with details available on:

- Top websites visited
- Top sites attempted and blocked
- Top bandwidth consumed by user and application
- Intrusion threats attempted or blocked
- Associated risk level by application
- Unique threat events and more

Overview Analysis					⊘ Help ¥
Dashboards Summary					
Summary Dashboard Provides a summary of activity on the appliance					
Network × Threats × Intrusion Events × Sta	tus × Geolocation × QoS ×	+			Show the Last 1 week 🔻 📗
					Add Widgets
V Unique Applications over Time	- ×	Yop Web Applications Seen	- ×	Top Client Applications Seen	- ×
1,400		Application	▼ Total Bytes (KB)	Application	▼ Total Bytes (KB)
1,200-		Tunes iTunes	1,735,278,364.27	Tunes iTunes	1,734,722,537.84
1,000 ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	1 mm mm	Apple sites	805,291,258.68	AppleCoreMedia	754,718,427.46
	$\mathbf{V} \mathbf{V} \mathbf{V} \mathbf{V}$	OUIC OUIC	658,840,912.50	Chrome	673,194,568.60
800	V V	Microsoft	634,798,013.59	Mobile Safari	582,004,471.84
600		Microsoft Update	628,337,750.59	Roku	358,530,763.69
400		Hulu	563,838,748.59	MobileAsset	303,933,557.15
		MP4	493,302,399.48	Android browser	290,124,416.06
200-		CloudFront	388,416,496.06	BITS	225,845,709.53
Pri Sat Sun Mon	Tue Wed Thu	Roku	359,262,435.26	Internet Explorer	146,752,390.02
m sat sun Mon	lue wed Inu	Netflix stream	303,509,049.69	Tunes Desktop	143,706,191.28
Last updated 58 minutes ago		Akamai	232,078,860.97	Amazon Web Services	138,213,234.50
Traffic by Application Risk	- ×	BITS	225,904,092.31	HBO GO	126,875,757.76
		generic audio/video	202,829,389.11	+1 1 Spotify	103,242,124.10
Risk	▼ Total Bytes (KB)	MPEG	179,525,586.34	-1 🐺 🗔 Edge	102,602,929.28
Very Low	19,582,987,713.94	Steam browser	159,172,303.90	Safari	97,756,977.14
Medium	7,038,667,994.99	Last updated 53 minutes ago		Last updated 57 minutes ago	
Low	5,632,119,920.13				
High	317,513,674.61	• Risky Applications with Low Business Relevance	- ×	 Traffic by User 	- ×
Very High	59,912,201.16	Application	▼ Total Connections	Username	▼ Total Bytes (KB)
Last updated 54 minutes ago		Facebook	2,775,892	Linknown	15,390,584,351.43
 Traffic by Business Relevance 	- ×	YouTube	1,113,857	Ro Authentication Required	935,932,332.73
		BitTorrent	663,470		
Business Relevance	▼ Total Bytes (KB)	MoPub	318,472		
Medium	22,481,435,184.44	PornHub	207,122		
Very Low	5,162,190,984.04	00	144,103	Last updated 58 minutes ago	
Low	2,697,539,872.20	🔲 Liit	87,188		
Very High	1,610,829,002.96	Dailymotion	78,858	 Connections by URL Category 	- ×
High	679,206,461.19	Moat Noat	64,147	Category	▼ Total Connections
Last updated 54 minutes ago		XHamster	55,986	Computer and Internet Info	2,785,132
 Traffic by Application Category 	- ×	Last updated 58 minutes ago		Business and Economy	2,533,731
Category	▼ Total Bytes (KB)	- Connections by URL Reputation	- ×	Web Advertisements Games	1,062,161 974,105
network protocols/services	11,751,956,546.33	Reputation	▼ Total Connections	Computer and Internet Security	399,325

About Spectrum Enterprise

Spectrum Enterprise, a part of Charter Communications, is a national provider of scalable, fiber-based technology solutions serving many of America's largest businesses and communications service providers. The broad Spectrum Enterprise portfolio includes networking and managed services solutions, including Internet access, Ethernet and Managed Network Services, Voice and TV solutions, Managed Application, Cloud Infrastructure and Managed Hosting Services. Our team of experts works closely with clients to achieve greater business success by providing solutions designed to meet their evolving needs. For more information, visit <u>enterprise.spectrum.com</u>.



