Network Security Evaluation

Get an in-depth view of the current state of your network.

What is a Network Security Evaluation?

The Network Security Evaluation (NSE) is a fast and free assessment that TPx offers to identify your security risks and help you understand your network usage. At no cost to you, our team will monitor key indicators within your network.

After gathering information, you will receive a Network Security Evaluation Report that will help you address important business concerns such as security, productivity, and/or utilization.

Why do I need a Network Security Evaluation?

You will learn:

- If your current security infrastructure can accurately detect today's sophisticated attacks
- If you have operational visibility to understand how applications (traditional and web-based) are truly being utilized on your network
- If your current security solution will be able to meet increased throughput and encryption demands (perhaps due to cloud-based storage, big data analytics, or increased web usage)

Provides status of your security, productivity, and utilization

No cost or risk to you

Requires less than 30 minutes of your time

Completed in 1–2 weeks

How it works

First, a TPx solutions architect installs a device at your site, or we ship you a kit with instructions. Then, traffic logs are securely collected for 3-7 business days, and a comprehensive report is generated. We will review the report and discuss the insights with you. Lastly, TPx retrieves the device, or you ship it back to TPx.

Why our Network Security Evaluation?

Superior visibility

Powered by content security and threat intelligence from FortiGuard Labs — 3,300+ application sensors (less than 2,000 for most competing NSEs) and 8,100+ IPS signatures.

Additional insights and opportunities

Includes extensive performance section, at-risk hosts chart, sandboxing, and more.

No cost

Many managed services providers charge for an NSE, while at TPx, it's at no cost.

Deployment flexibility

Multiple deployment options in order to minimize network disruption.

Actionable recommendations

Each assessment report includes a set of actionable recommendations that technical staff can use to refine their security and network utilization.

What is in the Network Security Evaluation Report?

Security

- Application vulnerabilities observed
- Malware botnet detection
- At-risk devices within the network

Productivity

- Application categories and cloud usage
- Peer-to-peer, proxy app and remote access
- Web-based applications and browsing habits

Utilization

- Bandwidth analysis and top consumers
- Average log rates/ sessions for sizing
- SSL utilization and encryption impact

Top Application Vulnerability Exploits Detected

#	Risk	Threat Name	Type	Victims	Sources	Count
1	5	WordPress.HTTP.Path.Traversal	Path Traversal	1	2	55
2	5	ThinkPHP.Controller.Parameter.Remote.Code.Execution	Code Injection	1	5	12
3	5	NETGEAR.DGN1000. Unauthenticated.Remote.Code.Execution	Code Injection	2	5	5
4	5	Bladabindi.Botnet		1	1	3

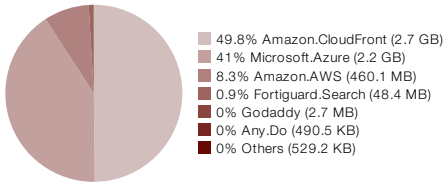
Top Malware, Botnets and Spyware/Adware Detected

#	Malware Name	Type	Application	Victims	Sources	Count
1	Bladabindi.Botnet	Botnet C&C	Bladabindi.Botnet	1	1	3
2	HTML/FakeAlert.QB!tr	Virus	HTTP.BROWSER_Chrome	2	1	2
3	Zeroaccess.Botnet	Botnet C&C	Zeroaccess.Botnet	1	1	2
4	Mirai.Botnet	Botnet C&C	Mirai.Botnet	1	1	1

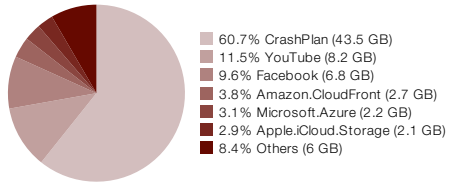
High Risk Applications

#	Risk	Application	Category	Technology	Users	Bandwidth	Sessions
1	5	Proxy.HTTP	Proxy	Network-Protocol	181	2.32 MB	2,433
2	5	Cloudflare.1.1.1.1.VPN	Proxy	Client-Server	2	2.51 MB	476
3	5	SOCKS5	Proxy	Network-Protocol	3	33.55 KB	30
4	5	SOCKS4	Proxy	Network-Protocol	10	34.15 KB	27

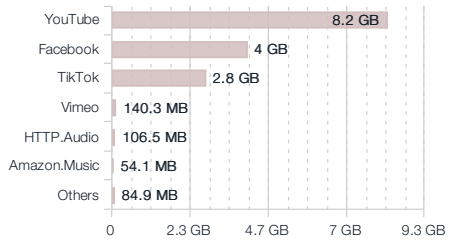
Cloud Usage (IaaS)



Cloud Usage (SaaS)



Top Video/Audio Streaming Applications



Top Social Media Applications