

# Security Advisory Services



**TPX**

TPx is different from our competition because we listen, not because of our technology. A commitment to listening to our customer, and empowering their success, is embedded deep in our corporate DNA. Every day we provide comprehensive managed services and unified communications solutions that can take your business anywhere it wants to go.

Listening is also at the heart of our Advisory Services approach. Understanding your challenges and working with you to solve them is what we do best. TPx consultants are subject matter experts in their field and thought leaders in the security industry. All of our offerings are based on best practices derived from Information Security Standards (CISSP Domains, NIST, ISO 27000 series, etc.) and our extensive experience deploying, architecting, operating, and securing environments nationwide.

## Advisory Services Offerings

- Cybersecurity Gap Assessment
- Ransomware Readiness Assessment
- Wireless Security Assessment
- Vulnerability & Penetration Scanning
- Network Security Assessment
- Customized Advisory Services

## Cybersecurity Gap Assessment

- Identify and learn how to mitigate the greatest security risks to your organization
- Prioritize security spend to maximize risk reduction
- Understand your exposure to ransomware attacks and other cyberthreats
- Evaluate your security training program against industry-wide Best Practices

Any successful security strategy must be disciplined, thorough, and quantifiable. With an ever-expanding network perimeter, a continuously evolving threat landscape, and increased scrutiny on risk, privacy, and compliance, a structured approach to organizational security is more important than ever. TPx's Cybersecurity Gap Assessment enables customers to evaluate their security posture in a methodical way, comparing it against industry standards and best practices, to generate a prioritized list of actions to lower organizational risk while maximizing the impact of their limited security budgets.

## Ransomware Readiness Assessment

- Get an in-depth review of your readiness in responding to a ransomware attack
- Gain rich insights into where you have the most exposure in your business and how you can mitigate yourself against ransomware attacks
- Assess security policies/practices surrounding common attack vectors cybercriminals use in ransomware attacks: social engineering, email attacks, compromised credentials, and external-facing software vulnerabilities
- Get an actionable roadmap so you can quickly address areas of highest exposure and reduce ransomware risk

This assessment subset provides a cost-effective way for small and medium businesses to understand the risk of ransomware. It is founded on industry standards developed by the Department of Homeland Security's Cybersecurity and Infrastructure Security Agency (CISA). It focuses on the aspects of cybersecurity that have the highest value in defending your organization against ransomware attacks.

## Wireless Security Assessment

- Validate use of Best Practices in authentication and encryption protocols
- Ensure your BYOD and Acceptable Use policies meets your organization's needs
- Visualize your location's wireless coverage through a signal saturation map — ensure signal is getting to where it needs to be

Wireless networking enables work-from-anywhere flexibility and improves organizational productivity. But it also increases security risk and can be a very dangerous attack surface unless it is properly secured. Weak security policies and mechanisms, misconfigured encryption methods, or insufficient BYOD policies can leave your network vulnerable to attack and compromise. TPx's Wireless Security Assessment examines your strategic and tactical wireless network configuration, focusing on areas that pose the highest risk of incidents and breaches to your business.

## Network Vulnerability & Penetration Scanning

- Understand where your weaknesses are and how likely it is that a hacker will be able to exploit them
- Prepare ahead of time for the inevitable attack by thinking like a hacker and understand the way they attack

The **Vulnerability Scan** evaluates devices that are connected to the network for the purpose of identifying vulnerabilities that may be present on those devices due to open ports, exposed services, lack of current patches, etc. The **Penetration Scan** shows how exploiting a vulnerability could result in a significant impact on the environment. By demonstrating this impact, it is possible to get organizations to reconsider the priority of remediating vulnerabilities that Vulnerability Scanners may have reported as non-urgent. Although both Vulnerability and Penetration scans can be run independently, there is tremendous added value in running them together. We also offer an optional Vulnerability Management Plan Review as part of this engagement.

## Network Security Assessment

- Fully document your network assets and architecture
- Understand your traffic flows and uncover asset misconfigurations
- Validate policies for data retention, network monitoring, and configuration and change management
- Identify gaps in monitoring and reporting capabilities
- Target high-impact areas for reducing risk

Traditional network management has evolved in recent years to the point where it cannot be approached without considering the associated security ramifications. Any attempt to treat security as an "add-on" to network design and operations in today's hyperconnected world is destined to create more problems than it solves. To avoid this, TPx incorporates security considerations throughout its architecture assessment, yielding a comprehensive Network Security Assessment that results in actionable recommendations for a robust, high-performing, and secure networking environment.

## Customized Advisory Services

- Leverage specialized expertise to address your most important cybersecurity objectives
- Accelerate your high-priority projects by augmenting your staff's capabilities
- One-time, recurring, or continuous engagements to move cybersecurity strategy and operations forward
- Advisory services ranging from technical architectural

The cybersecurity talent shortage is at an all-time high. Finding security experts is time-consuming, expensive, and in some cases, next to impossible. TPx can help bridge that gap with our team of security experts. We have broad experience in security and risk assessments, operations, architectures, policy compliance, privacy, and many other security domains. We bring that experience to solve your biggest security challenges — everything from technical guidance to virtual CISO activities. We'll define and execute a tailored engagement that meets your unique requirements.