

CYBERSECURITY SERVICES

The sophistication and frequency of cyberattacks is on the rise. Recent breach reports outline that attacks are exploiting security weaknesses faster and easier than ever before and most organizations are not adequately equipped to defend themselves.

Schneider Downs can help your organization to be better prepared. We offer a comprehensive set of information technology security services, including network penetration assessments, network vulnerability assessments, web application security testing and IT security maturity assessments. Our team of network security specialists, application configuration specialists, implementation consultants and certified information system auditors can assist your organization with an objective assessment, identifying crucial information and key security risks and assisting with the implementation of industry best-practice security standards to mitigate these risks.

Cybersecurity services include the following:

- *Cybersecurity Maturity Analysis & Gap Assessment* – These assessments assist our clients in evaluating “where they are” versus “where they want to be” from a cyber-risk perspective. They entail evaluating policies, standards and procedures implemented by an organization, how established these matters are, and how they align with an agreed upon cyber-framework. Our cybersecurity experts work with your staff to understand risks, identify maturity targets, perform an activity-based cyber-maturity assessment, and determine how the current state measures up to the desired state. Key features of these assessments include:
 - » Identifying and addressing the most critical cybersecurity weaknesses
 - » Prioritizing cyber-initiatives to improve maturity and resilience, both tactically and strategically
 - » Planning, managing and supporting cyber-related investments to reduce the most risk
- *Penetration Testing* - Our penetration tests simulate the actions of a malicious hacker and will attempt to exploit vulnerabilities and misconfigurations in critical systems to gain access to your most sensitive data. Testing is performed by a team of experienced security professionals. We’ve invested heavily in our penetration testing methodology to ensure our tactics mimic the methods of a real-life attack, and we constantly evolve our approach to certify that your organization achieves a realistic and meaningful test with actionable results.
- *Persistent Threat Emulation (Red Teaming)* – Our experienced cybersecurity personnel will conduct various attack simulations using advanced hacker tactics and techniques – like social engineering, physical



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ASSURANCE AND TAX ADVISORS

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penetration testing, application penetration testing and network penetration testing – throughout a predefined engagement period. The goal of this assessment is aimed at revealing and remediating real-world opportunities for nefarious actors or malicious insiders to be able to compromise various aspects of your organization. These engagements are designed to test your cybersecurity incident responders and security operations personnel, along with your various defensive technology and processes, with an end goal of identifying flaws and closing gaps to ensure your defenses are effective.

Other Cybersecurity Services – The Schneider Downs Cybersecurity team also offers a myriad of other services such as:

- Threat Simulation Exercises
- Wireless Security Assessments
- Web Application Security Assessments
- Phishing Assessments
- Vulnerability Analysis
- Physical Security Assessments
- Incident Response & Event Identification Exercises
- Cloud Security Strategy
- Endpoint Hardening Consulting
- Network Device Hardening & Configuration Assessments
- Sensitive Data Discovery Assessments

In addition to the above noted services, we can customize our suite of services to meet your unique needs. Please give us a call to schedule a consultation with our IT Risk Advisory leaders so we may learn how we might best assist you. Please contact Eric Wright at 412-697-5328 or ewright@schneiderdowns.com or Dan Desko at 412-697-5285 or d-desko@schneiderdowns.com.