

# Cyber Operations Security Services

## Your Systems and Data Deserve a Nicer Neighborhood

What kind of neighborhood? A safer place for your critical information, applications and systems to live and work; a digital environment protected against malice and misuse – a secure spot where risk from unauthorized intrusion and compromise is minimized to the greatest possible extent.

Our security practice gives companies the peace of mind that comes with knowing they've taken the right steps to mitigate cyber threats to their brand, reputation and financial health.

## Welcome to a Nicer (and Safer) Subdivision

A well-rounded security regimen is more than just building the best firewall. Cyber Operations takes a holistic approach to the security challenge with a 360 degree review of your network's security posture, from PCI compliance and security architecture to access control, exposure to risk, and incident management policies.

Because so many of an organization's security components are interconnected, our approach identifies the weak links that could compromise an otherwise robust defense against internal and external threats.

## A Complete Suite of Security Services

- **PCI Gap Analysis** – We identify the areas of your business that require attention and remediation to meet PCI standards. This typically involves a complete review of the systems that store and transfer sensitive payment card data. We'll also check whether the logging protocol for events such as network and data access is sufficiently comprehensive. In addition, we examine your third-party vendor agreements to ensure the safety and integrity of your data sharing processes. Our objective is to reduce the level of effort you need to invest in achieving compliance.



- **Security Architecture Review** – We perform an end-to-end assessment of networks, procedures, data flow, internal/external access paths, and policies to identify areas of concern and risk. We look closely at how security is utilized and applied in your daily business operations, the rules that govern the placement of your systems, and how updates are managed.

- **Risk Assessment** – A recurring thread that we weave through all elements of our security engagements is to identify your level of exposure to unauthorized system access by internal and external sources.

## Certifications

CISSP

CISM

CEH

CRCI

GCIH

GCFA

GLEG

- **Network Segmentation** – Rapid growth within companies of all sizes places high demands on network administrators to maintain network performance and reliability. Network segmentation is an effective technique and approach to fine tuning both the security and performance of your enterprise's network. It involves building larger networks out of multiple and separate small networks or sub-networks. By strategically segmenting your network, you can apply more rigid and secure controls over their access and intercommunications.

- **Firewall Review** – We evaluate the rule sets and configurations in force for your internal and external firewalling scheme to determine whether they meet best practices for managing inbound and outbound traffic to/from your systems.

- **Router/Access Control List Management** – We review your current router and ACL directories to identify areas of concern regarding where data can travel within and without your network. We also provide tools that can easily automate ACL maintenance, harden your access policies and lower your overall cost of security administration.

- **Penetration Testing** – By simulating an attack from a malicious intruder, we can assess the level of vulnerability your network presents due to improper system configuration, known or unknown deficiencies in hardware or software, or weaknesses in your processes or technical countermeasures. Letting a trusted security partner discover flaws in your network security is far more preferable than having a criminally minded individual or group find them first.

- **Incident Management** – Cyber Operations security professionals can validate your current incident response policies for effectiveness or step in on your behalf to manage an incident from first response through final resolution and remediation. We'll look at the entire chain of evidence, establish a single communications channel, pursue the appropriate containment measures and develop a prevention protocol to guard against any future events. A follow-on element to our incident handling capability is the detailed forensic investigative work that confirms the extent and nature of the breach, attempts to identify the responsible party, and assembles the evidence to support criminal prosecution if required.
- **Security Training** – The toughest security infrastructures are built on a foundation of awareness among all levels of your staff. Hardware and software are clearly critical elements in a world-class security framework, but our training programs can keep your employees current on the best practices, processes, and tools required to maintain the highest level of preparation against both physical and logical threats.
- **Data Redaction** - Our Cyber Redact service quickly and completely removes sensitive and confidential data from documents in your archives while preserving the content you need to keep. Permanent data removal using Cyber Redact is the industry's most innovative and reliable service for mitigating the impact from unauthorized and unlawful access to your systems and data.
- **Wireless Assessment** – There are numerous steps organizations should take to ensure their wireless network complies with effective security policies. Our team will evaluate your wireless architecture and configuration, check your support tools and procedures, interview users to verify their awareness of your policies regarding the purchase and installation of their devices, identify rogue access points, and perform penetration testing using tools commonly available to hackers.

## Contact Us about a Security Partnership with Cyber Operations

If the headlines and accounts in the press about the threat and impact of a security breach are causing you to lose sleep, give us a call. Cyber Operations can give your network security, systems and applications a thorough review with recommendations and remediation to better protect your valuable technology infrastructure. Call 1-866-404-2923 or e-mail us at [support@cyberoperations.com](mailto:support@cyberoperations.com) for more information.

