NEXTWORKS

Security for Managed IT Services
Preparedness, Review, and Assistance

July 2019: Capital One disclosed one of the largest thefts of personal information from a bank to date. 106 million clients were affected.

IT security is a big topic for big business, but it's also a big topic for small business. We guide our clients though the complexities of IT security and compliance.

There exists an ocean of industry and government IT compliance requirements and standards. Just to list some examples:

- PCI DSS (Payment Card Industry Data Security Standard)
- HIPAA (Health Insurance Portability and Accountability Act)
- SOX (Sarbanes-Oxley Act) / GLBA (Gramm-Leach-Bliley Act)
- ISO (International Organization for Standardization)
- CJIS (Criminal Justice Information Services)
- FISMA (The Federal Information Security Management Act)
- SSAE 16 (Statement on Standards for Attestation Engagements)

Four Corners of IT Security

As your Virtual CIO, Nextworks can guide your organization though meeting the complex and fluid demands of IT security. We've quantified IT security into the *ongoing* process of four distinct functions.

1. **Seek**   Discovery & Testing
2. **Lock**   Hardening
3. **Shield** Monitoring & Reporting
4. **Learn**   Reviews, Education & Procedure

Hackers get smarter and bolder. Internal threats can be just as perilous as external ones. The need to protect your digital assets and network is greater than ever.

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The Mechanics of IT Security

Every IT environment is a complex interaction of people and components. Weak links in this chain can reveal security exploits for an intruder to find, or even stumble across. In order to meet security compliance, a comprehensive review of your network must be conducted.

- o Firewall Security & Updates
- o Email Security
- o Computer Security & Updates
- o Server Security & Updates
- o Mobile Device Management
- o Virus, Spam, Malware, and Spyware Protection
- o IT Policies & Procedures, Employee Training

- o Anti-Phishing Training & Pretension
- o Secure Connectivity & 2FA
- o Data Encryption & Secure Email
- o Access Control Lists (ACLs)
- o Data Backup Security & Monitoring
- o Partner & Vendor Security Accountability
- o Risk Assessment
- o Auditing, Detection & Reporting

⇒ **Your Nextworks vCIO is able to help lead your organization through this process delivering peace of mind.**