



Nearly **80% of global organizations** were attacked in 2017; 60% were malware, worms, viruses (AT&T)

75% of attacks were by outsiders; 81% leveraged weak or stolen passwords (Verizon)

Ransomware exploits took in **US\$1 billion** in 2016 alone (Internet Crime Complaint Center)

266,685 US citizens were victimized in 2016, with higher losses in higher age groups (FBI)

\$5.3 billion was stolen due to email attacks between Oct. 2013-Dec. 2016 (Cisco)

95% of phishing attacks in 2017 included a malware installation (Verizon)

The pace of change in the global cyber threat landscape is rapidly accelerating. Even as defenders improve their ability to detect threats and prevent attacks, adversaries find new ways to compromise systems and destroy data. As well, the emergence of the Internet of Things (IoT) is providing millions of new points of access into company systems.

NorthState defends against this ever-expanding attack surface with a Security Everywhere architecture aligned with the Cybersecurity Framework from the National Institute of Standards and Technology (NIST). This methodology is designed to comprehensively cover government and industry during all phases of a cybersecurity attack:

- **Identify:** Develops an organizational understanding of cybersecurity risk to systems, assets, data, and capabilities
- **Protect:** Supports safeguards that ensure the secure delivery of critical infrastructure services, limiting exposure to threats
- **Detect:** Enables timely discovery of cybersecurity events - within minutes, not days or months
- **Respond:** Identifies the appropriate actions to contain and mitigate a detected security event
- **Recover:** Develop and implement resilience plans and restore capabilities or services impaired during the event

ADVANCED SECURITY CAPABILITIES

Within this framework, NorthState offers a powerful set of security capabilities including (but not limited to):

- Next-Generation Firewall Services including IDS/IPS
- AV and Application Whitelisting
- Vulnerability Remediation and Incident Response
- Security Implementation Support
- Confidentiality-Integrity-Availability (CIA) Assessment
- Privileged Identity Management Analysis
- Governance, Risk, and Compliance (GRC)
- Architecture and Operations Center (SOC) Assessments
- Network Access Control (NAC)
- Penetration Testing (Physical-Network-Web-Mobile-App)

CONTINUOUS RISK MITIGATION AND REAL-TIME RESPONSE

For businesses to reach maximum uptime and reduce exposure, they need the right security solutions backed by industry-recognized experts:

- A paramount focus on security throughout all products and services, with the ability to deliver industry-leading consulting and engineering
- 24x7 NOC and SOC support with resources to triage and resolve issues quickly
- Continuous uptime in our data centers
- A unified approach to cloud services that meets rigorous compliance standards and offer secure connectivity to any provider
- A well-developed partner ecosystem



COMPLETE PROFESSIONAL SERVICES

NorthState offers professional services to help plan, architect, and implement your network security solutions.

- 100% unconditional guarantee on professional services
- Best-in-class engineering services with advanced specializations and certifications
- Special testing provided by our own experts to assure extra-high levels of security

WELL-ROUNDED TRAINING AND EDUCATION

NorthState helps to train your staff in basic and advanced security. Unlike many companies, we also instruct teams on how to avoid the effects of social engineering: the art of manipulating people to provide confidential information.

- Enabling and empowering the “human firewall”
- Securing business assets to prevent eavesdropping and data leakage
- Managing and monitoring devices when on public networks (airports, hotels, etc.)
- Recognizing phishing, spear phishing, and other types of messaging tactics
- Safeguarding passwords
- Securing digital assets

TO LEARN MORE

Visit us at www.northstate.net/technologysolutions
or email us at technologysolutions@nscm.com.

WHO ARE WE?

NorthState Technology Solutions provides the secure, reliable technology that you can count on for your IT and data center solutions. Supported by three 2N+1 SSAE 16 certified state-of-the-art data centers with hybrid and multi-cloud solutions, NorthState offers a 24x7 capability to keep your enterprise operations at optimal efficiency.

