



# INFORMATION SECURITY

With more and more government business conducted electronically, information security is a vital factor in developing IT systems for state and local agencies. The risk of agency data and personal information being hacked or lost is greater than ever and can lead to huge liabilities, hefty fines, and bad press. With 24/7 online access to government services, security for mission-critical transactions like electronic tax filing, licensing data, or accessing medical records is critical.

NYSTEC is intimately familiar with New York State and federal government security standards. With our in-depth experience in the New York State government environment, we are uniquely positioned to help you develop a solid security strategy and plan that will increase the integrity and security of your IT systems.

NYSTEC's approach to information security is threefold: protect against known risk, detect intrusion and improper use, and respond in an appropriate manner. Information security must be a continuous effort encompassing policy, process, procedure, education, monitoring, and enforcement to be responsive to evolving threats.

## **NYSTEC HAS PROVIDED INFORMATION SECURITY SERVICES TO:** \_\_\_\_\_

- City University of New York
- New York State Board of Elections
- New York State Department of Health
- New York State Department of Taxation and Finance
- New York State Office for Technology
- New York State Workers Compensation Board
- Many more New York State agencies and local governments

**Network Vulnerability** – Before you can protect your network, you must first understand your assets and their security weaknesses. NYSTEC uses a variety of effective methods to assess your network vulnerability, including network mapping, scanning, traffic analysis, current practice review, backdoor analysis, and wireless network audits.

**Information Security Policy** – A well-developed and well-documented policy is the heart of a strong information security protocol. NYSTEC evaluates your existing policies and recommends new policies, including acceptable use, email retention, password requirements, network separation, monitoring, data ownership, remote access, virus protection, and redundancy requirements.



# NYSTEC

**Security Architecture Design** – A secure computing environment combines a sound policy with a robust security architecture. NYSTEC helps clients develop a strong, cost-effective security architecture by combining knowledge of industry-leading solutions and an independent approach to evaluating and selecting products that secure the environment, comply with policies, and are manageable and supportable.



**Deploying and Monitoring Your New System** – Once a policy is created and vetted, it must be implemented using tools that facilitate your daily operations and processes. NYSTEC provides deployment and monitoring services including secure network engineering, firewall management, proxy configuration, intrusion detection, log analysis, automated response, virus signature distribution, and encryption.

**Wireless Security** – NYSTEC can help you secure your 802.11x WLAN with a variety of measures, including minimizing signal propagation, removing rogue access points, interpolating signal noise ratios, predicting WLAN service areas, and reconfiguring networks.

**Incident Response** – Securing your information mitigates your risk, but incidents that compromise your data's integrity may still occur. NYSTEC is prepared to respond to these incidents with state-of-the-art forensics, lost data retrieval, evidence preservation, post-event analysis, and policy-based response processes.

**System Review and Updates** – Computing environments change constantly. This calls for continuous review and revision of your environment and security system, including periodic policy and process review, ongoing scanning, updated education and training, and new security product reviews.

**Education and Training** – Policy is only effective when the people responsible for its application are knowledgeable. NYSTEC's user education and training spans many levels of understanding depending on your needs, including "how to" classes, detailed classroom instruction, executive briefings, and computer-aided instruction.

---

**Sales Inquiries:**

phone: 518.431.7020

e-mail: [nystec@nystec.com](mailto:nystec@nystec.com)



**IN-DEPTH GOVERNMENT IT EXPERIENCE,  
BROAD BUSINESS KNOWLEDGE.**

**[WWW.NYSTEC.COM](http://WWW.NYSTEC.COM)**