



Information Security Services



Sage Data Security’s award-winning portfolio of advisory, assessment, and assurance security services offers the tools you need to protect your information assets and ensure regulatory compliance.

For financial institutions, healthcare providers, government agencies, and small businesses nationwide, these services have proven to be highly effective in maintaining a balance of productivity and operational effectiveness.

CAVASM Configuration & Vulnerability Assessment

Sage’s standards-based CAVASM Configuration and Vulnerability Assessment evaluates the strengths and weaknesses of your information systems design, configuration, technical, and operational controls. Identifying system- and device-specific vulnerabilities, a HTML-based interactive report documents the assessment, provides actionable recommendations (including relevant vendor recommendations), and assigns ratings of system configuration and settings in accordance with industry-standard best practices:

- FFIEC
- CMS guidelines
- National Security Agency (NSA) Gold Standard
- National Institute of Standards and Technology (NIST) guidance
- ISO 27002 standards

Perimeter Security Testing

Using "ethical hacking" techniques, Sage can uncover your Internet-facing network environment’s vulnerabilities in a safe, controlled manner. Our standards-based Perimeter Security Testing service performs the following, and provides you with prioritized, actionable recommendations:

- Documents your organization’s point of presence and validates security controls
- Discovers security vulnerabilities including lax access controls
- Identifies device-level and system architecture weaknesses
- Detects entry points into critical devices and systems
- Tests and assesses intrusion detection and response systems

ISASSM Information Security Advisory Services

Given the complexity and volatile nature of information security, an outsourced Sage Security Advisory program may be essential to help you ensure compliance and implement best practices. Our expert security specialists can provide security program advice, counsel, and oversight on an ad hoc or ongoing advisory basis. Specific Advisory Services include:

- Information security program management oversight
- Monthly information security review meeting and managed action plan
- Security incident response
- 3rd party due diligence
- Regulatory updates
- Regulatory examination and/or external audit preparation
- Board reporting

Information Security Risk Assessment

Sage’s NIST 800-30 standards-based Information Security Risk Assessment is a 360-degree review of the risks facing your company – including operational, legal, regulatory, financial, and reputation-based risks – and actionable recommendations on how to mitigate and overcome them. Providing the foundation for a comprehensive risk management and information assurance program, the assessment culminates in a report that:

- Details functional information assets, information systems, and supporting infrastructure
- Identifies probable threat scenarios, vulnerabilities, and related risk
- Documents current internal and external controls
- Calculates the residual risk based upon likelihood and impact

Regulatory Compliance Programs

The principles of ethical corporate governance are to honor the public trust, protect the interests of stakeholders, and meet all regulatory requirements to protect the confidentiality, integrity, and availability of the information an organization processes, stores, and transmits. The Sage approach to regulatory compliance is to weave security best practices into the cultural fabric of your organization so good security becomes second nature, consistently exceeding the expectations of regulators. Programs include:

- Gramm-Leach-Bliley Act (GLBA)
- Reg-S
- Health Insurance Portability and Accountability Act (HIPAA)
- Federal Educational Rights & Privacy Act (FERPA)
- Sarbanes-Oxley (SoX) Section 404
- Federal Rules of Civil Procedure (FRCP) Rule 26 (e-discovery)

PCI Compliance RoadMap

Compliance with the Payment Card Industry (PCI) Data Security Standard is required of all merchants and service providers that store, process, or transmit credit card data. Sage’s standards-based PCI Compliance RoadMap ensures sustainable compliance with PCI requirements, protecting merchants, consumers, and the overall payment system from compromise and fraud. Its PCI Compliance plan:

- Identifies the computers/devices/lines that process, store, and/or transmit cardholder information (“target systems”)
- Evaluates the strengths and weaknesses of the design, configuration, technical, and operational controls of “target systems”
- Documents PCI compliance status

Wireless Vulnerability Assessment

Sage's standards-based Wireless Vulnerability Assessment evaluates the strengths and weaknesses of your wireless network, tracks down misconfiguration, and identifies rogue activity. Focused on wireless connectivity architecture, configuration, and devices, the assessment produces a report that:

- Identifies and maps wireless networks
- Identifies unauthorized access points connected to internal network
- Evaluates wireless security controls including user/computer management and authentication
- Analyzes the strength of wireless encryption schemes
- Assesses the configuration of wireless access points and wireless cards
- Provides prioritized, actionable recommendations

Firewall Configuration & Rule Set Review

One of the most common network vulnerabilities is a misconfigured firewall. Sage's standards-based Firewall Configuration & Rule Set Review can troubleshoot your firewall rule set to ensure correct configuration and minimize vulnerability, providing a detailed report that:

- Validates the configuration file and rule set syntax
- Documents the business aspect of the rule set (allowed/disallowed connectivity) in non-technical language
- Assesses management of the firewall including change management, log review, and administrative access controls
- Provides prioritized, actionable recommendations

About Sage Data Security

Founded in 2002, Sage Data Security is an information security firm located in South Portland, Maine. A strategic security partner for financial institutions, healthcare providers, government agencies, and small businesses nationwide, Sage is strongly committed to the principles of integrity, quality, and commitment on both an organizational and personal level.

Sage believes that information security is more than a business—it's a commitment to honor those who entrust you with their information assets. That's why we strive to form strong partnerships with our clients to achieve a robust information security posture today and in the years to come.

Contact Sage Data Security today and learn how we can help you defend your information assets! Call 207.879.SAGE or visit www.sagedatasecurity.com.

sage
DATA SECURITY

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A Sampling of our Satisfied Clients

"The insight, organization, effort, and availability of the Sage team as a resource provides a critical third party view of our environment and we believe that their assistance over the years has contributed to our success in meeting and maintaining compliance expectations."

Arlene N. Stinson
VP Information Systems/Technology Security Officer
Merrimack County Savings Bank | Concord, NH

"The expertise that Sage brings to our organization could not be replicated simply with an in-house hire. We have access to trained security professionals to assist us with the ever more complex area of information security which has allowed us to continue to maintain a secure environment in a cost effective manner."

Tammy Plummer | VP, Chief Technology Officer
The First, N.A. | Damariscotta, ME

"I have done business with Sage Data Security for over 5 years now, and they are without a doubt a company that delivers a final product that is far and above what I've seen out in the marketplace; furthermore the values and integrity of the company are paramount. I'm proud we do business with Sage, and look forward to many more productive years."

James Gordon | Assistant Vice President of IT
Needham Bank | Needham, MA

"Sage Data Security has been an integral part of the Kennebunk Savings information security environment for the past few years. The value of the services they provide is huge! Because of their expertise in the field of data security, the breadth of knowledge for the latest regulatory guidelines, and the excellent staff on hand to serve us, Kennebunk Savings is able to be more proactive in its approach to information security."

Amanda D. Batson | Chief Information Officer
Kennebunk Savings Bank | Kennebunk, ME