



# Cybersecurity, Privacy, and Risk Management Services

## Who We Are

Logical Security Services is a Northern Virginia Limited Liability Corporation (LLC) that offers a wide range of cybersecurity, risk management, and privacy audit and consulting services to government (Federal, State, and local) and commercial clients. We have significant expertise with federal cybersecurity and privacy guidance including guidance issued by the Department of Homeland Security (DHS), National Institute of Standards and Technology (NIST), Department of Defense (DoD), and Office of Management and Budget (OMB).

## Our Focus

Our services are driven by the belief that you must first understand your business before you can implement effective and efficient cybersecurity controls and processes.

Whether trying to manage risk or maintain compliance with one of the many security standards (CMMC, HIPAA, FISMA, HITECH, ISO, etc.) we can assist you in every phase of this effort from strengthening your understanding of your organization to implementing and monitoring controls for risk.

- Where risk is the driving factor, we can guide you through the process of identifying and implementing the right controls that directly address your areas of greatest risk. Based on your organizations risk appetite and availability of resources we can implement the controls and processes that meet your needs.
- Where compliance is a key focus, our detailed GAP assessments can quickly identify areas of deficiency. Further, our years of audit experience enable us to better prepare you for the challenges around proving your controls and processes are in place and operating effectively. Whether needing more detailed policies and procedures or better evidence of processes being performed we can assist you with this effort.

## Did You Know?

- Since COVID-19, the FBI reported a 300% increase in reported cybercrimes.
- Phishing attacks account for more than 80% of reported security incidents.
- Over 60% of breaches involved vulnerabilities for which a patch was available but not applied.
- 43% of all cyber-attacks are aimed at small businesses.
- 95% of cybersecurity breaches are due to human error.
- More than 75% of organizations do not have a cyber security incident response plan.
- Most companies take nearly 6 months to detect a data breach.

**Website:** [logicalsecurityservices.com](https://logicalsecurityservices.com)

**Email:** [gbills@logicalsecurityservices.com](mailto:gbills@logicalsecurityservices.com)

**Phone:** 703-505-1573



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## Discovery Services

Whether addressing your own concerns around cybersecurity or trying to comply with one of the many cybersecurity or privacy laws or regulations, first and foremost, you must thoroughly understand your organization before developing and implementing a cybersecurity program.

Logical Security Services can help you obtain this understanding through our formal Discovery process.

- **Organizational Understanding** – We work with you to identify and document your business processes, information systems, network architecture, and data flow within your organization. During the Discovery phase, we also look at existing contracts to identify any security requirements your organization is expected to be complying with. This process provides management with a better understanding of where sensitive systems, processes, and data are within the organization and where compliance and risk activities should be focused.
- **GAP Assessment** - Using our understanding of your organization, and where compliance may be mandated, we can perform a detailed GAP analysis of your organization's current cybersecurity posture against one or more of the available frameworks (See compliance services below).

At the end of the Discovery Phase, management will have the information needed to make targeted, risk-based, and cost-effective decisions around cybersecurity and risk management.

## Implementation Services

Logical Security Services can help you design, document, and implement your security controls, processes, policies, and procedures.

- Design** – Every organization is different and not all security controls and processes are the same. Based on your organization's business activities, size, complexity, risk tolerance and compliance needs, we work with you to select appropriate security controls and processes that make sense for your organization.
- Document** – Documented policies, procedures, and plans are a critical piece of an effective cybersecurity / risk management program. They articulate management's cybersecurity strategy, formalize what controls and processes are expected to be in place, and communicate to employees and contractors what is expected of them.

Our large inventory of policy and procedure templates helps keep costs down while allowing us to focus our effort on tailoring them to your unique environment.

While documentation is critical, how much documentation is the right amount? What documentation is needed to demonstrate to both management and your independent auditors that your cybersecurity / risk management program is operating effectively? Logical Security Services will assist you with the complex and

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often time-consuming process of documenting your security controls, policies, and procedures. Drawing upon our 20 plus years of experience performing audits, we can help make sure you are producing and retaining appropriate evidence to demonstrate your security program is in place and operating effectively.

- c. **Implement** – The process of implementing security controls can be complex and often met with unforeseen challenges. Once policies and procedures are developed, they need to be implemented. Often, what looks good on paper does not work when put into practice. Logical Security Services will walk through the implementation process with you. We will help identify issues as they arise and develop appropriate corrective actions.

## Compliance Services

Depending on your business and the types of data you handle; you may need to comply with one or more privacy or cybersecurity laws or regulations. Logical Security Services can help you determine where compliance is required and integrate compliance activities into your existing cybersecurity program. Our 20 plus years of experience auditing and consulting for the federal government uniquely positions us to provide effective and comprehensive CMMC and NIST 800-171 readiness services.

- a. Federal Information Security Modernization Act (**FISMA**)
- b. NIST Special Publication **800-171**, Protecting Unclassified Information in Nonfederal Systems and Organizations
- c. Cybersecurity Maturity Model Certification (**CMMC**)
- d. Health Insurance Portability and Accountability Act (**HIPAA**)
- e. Health Information Technology for Economic and Clinical Health Act (**HITECH**)
- f. California Consumer Privacy Act (**CCPA**)
- g. General Data Protection Regulation (**GDPR**)
- h. New York Department of Financial Services (**NYDFS**) Cybersecurity Regulation (**23 NYCRR Part 500**)
- i. Payment Card Industry Data Security Standards (**PCI-DSS**)
- j. Health Information Trust Alliance (**HITRUST**)

While different laws and regulations may have different requirements, ultimately, they are all working towards the same goal. We work with you to integrate compliance activities into an overall cybersecurity program that provides benefits throughout the organization.

## Independent Audit and Assessment Services

Effective cybersecurity and risk management processes never stop. It is not enough to select, design, and implement security controls. You also need to verify the controls and processes are working as intended. Many key security processes including account, configuration, and vulnerability management, involve a significant amount of human activity. These activities over time are more likely to be performed inconsistently or from time to time, not at all. Audits or assessments provide management with an understanding of their current security environment and risks. Logical Security Services has over 20 years of experience performing IT and privacy audits focused on evaluating the effectiveness of management's cybersecurity and risk management activities. We can

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help you maintain awareness of your security posture or help identify where your IT environment has fallen out of compliance.

- a. Compliance Assessments
- b. Audit Readiness Assessments
- c. NIST 800-37, Rev 2 RMF, Security Assessment and Authorization
- d. FISMA and Privacy Audits
- e. Targeted Security Assessments

Our independent audits or assessments provide you with a clear understanding of your current cybersecurity or risk management posture. Where issues are identified, we provide management with formal findings that identify the condition or issue, its cause, and our recommendation for remediation.

## Monitoring and Support Services

Ongoing management of your cybersecurity and risk management program is critical to maintaining awareness of your risks and compliance posture. Logical Security Services provides a variety of services aimed at maintaining a mature cybersecurity and risk management program.

- a. Enterprise Risk Management
- b. CIO/CISO Support
- c. Virtual CISO Services
- d. Continuous Monitoring
- e. Vulnerability / POA&M Management
- f. Training (Security Awareness, Risk Management, Cybersecurity)
- g. Audit Liaison Services

Smaller organizations often struggle with cybersecurity due to their limited resources and a lack of expertise in the area. Logical Security Services can provide those services to you when needed. We offer cybersecurity, CIO, and CISO services on an as needed or subscription basis.

## Want to Discuss Your Needs with Us?

Contact Logical Security Services for a free consultation. All consultations are led by Logical Security Service's founder, George E. Bills, CPA, CISSP, CISA, who can be reached at [gbills@logicalsecurityservices.com](mailto:gbills@logicalsecurityservices.com) or 703-505-1573.

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