



Security and Availability Services at a Glance

Businesses rely on the availability and confidentiality of information to meet their business objectives!

Has the business identified and prioritized the security risks and threats to your information assets?

Do existing security policies and procedures support the business objectives and management direction?

Benefits of ESAAG's Security and Availability Services

Identify and prioritize availability risks and threats to an organization and develop a program to mitigate or eliminate them

Protect the availability, integrity, and confidentiality of business information, computing and telecommunications assets.

Increase availability of the networking environment, while controlling costs and managing overhead.

Minimize network interruptions and maximize the ability to recover data and system resources

Provide documented proof that management is exercising its legal obligations of due diligence in the protection of organizational assets.

Enterprise Security and Availability Group, LLC (ESAAG)

ESAAG supports mission critical processes and functions by providing availability solutions that meet your business goals. We help identify and deploy realistic means to proactively detect and manage the events that disrupt and impact business.

Business impacts can happen at many levels. Most approaches to manage them are either limited point solutions or are not practical. We develop solutions that work, are cost effective, fit business needs and its culture, and can actually be implemented. We address the management of event impacts in a way that is holistic in scope and touches all elements of the business; the technical infrastructure, the processes, the way business is done, and the way people think about the business.

Business availability is increased by insulating the business from potential impacts, by making it more resistant to impacts, by minimizing the extent of damages, and limiting the duration of the outage. ESAAG Availability and Security services enable businesses to thrive, not just survive.

ESAAG: The Key To Security and Availability

ESAAG provides a set of related professional services to help make businesses more secure and available while accomplishing business objectives. These services can be used individually or in various combinations, according to the business need. ESAAG professionals help identify what the business needs may be, designs programs and infrastructure that meet the needs, and trains personnel to manage the environment. ESAAG services will enable businesses to create controls that anticipate and prevent business impacts, monitor the effectiveness of the preventive measures, detect the inevitable impacts, and manage the impacts to conclusion.

ESAAG: Security and Availability Services

Vulnerability Analysis Process (VAP)

ESAAG identifies and analyzes vulnerabilities in the internal network, hosts and servers, perimeter network (including firewalls, web servers, etc.), and dial-in or remote-access servers, and the processes that maintain and operate them. The results provide a roadmap for eliminating or mitigating identified vulnerabilities.

Business Continuity Planning

ESAAG facilitates preparation, creation and maintenance of a robust continuity program to ensure the ability of the client to resume critical business functions and enable the survival of the business after major disruptions. ESAAG performs business requirements analyses using the facilitated discovery process, creates a business case, develops and tests the recovery plans, and provides ongoing review and maintenance of the plans.

Continuous Availability Planning

ESAAG assists clients in building resilient basic systems; building data redundancy and backup into daily operations; designing and deploying robust hardware, software, network, data management, and systems management mechanisms and disciplines; and arranging for appropriate offsite recovery capabilities, in the event that a disruption transcends the three preventive control infrastructures

Facilitated Discovery Process (FDP)

ESAAG leads clients through a formal process to identify and prioritize risks, threats, and business impact to organization assets and allows cost-effective development of safeguards to mitigate those risks. This process determines the relationship between the value of business assets and the cost of measures to protect them.

Security Policies and Procedures

ESAAG creates Security Policies that communicate management expectations to shield the business from impacts. ESAAG creates policies that assure an appropriate level of security that fits the business needs. The security and availability procedures that accompany the policy detail the process and technical methods used to accomplish the policy. ESAAG follows the specifications of the ISO 17799 – the code of practice for information security management.



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About ESAAG's Security and Availability Practices

ESAAG provides thought leadership and best-in-class professional services in information security and business continuity management. ESAAG's Security and Availability Practices are staffed with internationally-recognized senior availability and security professionals who are leaders in their profession. By listening to, and understanding, the needs of their clients, ESAAG provides practical, time-tested and cost-effective availability solutions to ensure availability, data integrity, reliability and confidentiality. ESAAG integrates these solutions into any application environment, helping clients to realize their vision and expectation for a "trusted", available and secure infrastructure.

ESAAG's Information Protection Model

Avoidance: preventive, availability and control measures

Assurance: verification that measures work and stay in place

Detection: identify when measures fail and incidents occur

Recovery: manage failures to restore business function

Security Architecture

ESAAG assists clients in a needs assessment and architecture design to secure computing infrastructure utilizing industry standards and guidelines. Results are systems with controlled and monitored access, that are continuously available, have confidential but monitored communications, have non-repudable transactions, are resistant to attacks, and recoverable.

Security Awareness and Training

ESAAG provides the identification of current security training needs, prioritization of messages and development of presentations. This service enables clients to communicate and implement information protection policies and procedures, customize security awareness and education programs, maximize reach to all members of the organization and encourage proactive protection of information assets.

Security Management

ESAAG helps an organization develop and manage the information security and availability program. This includes managing the development and maintenance of preventive, availability and control measures, assuring the measures stay in place and are effective, monitoring for potential or actual failures and incidents, managing the events to conclusion, and learning from failures to prevent re-occurrence.

Incident Response Planning

ESAAG provides the development of a comprehensive road map for the client to use when responding to a variety of physical and cyber events, ranging from major to minor. The major life or property threatening events are managed by implementing a formalized plan that addresses the welfare of employees, the protection of property, and the management of the client's public image. The operational events are managed by formalized teams using tools and procedures that manage the incident to conclusion.

Business Continuity Program Management

ESAAG provides management and maintenance of the enterprise business process continuity program including program check-ups, maintenance reviews, simulations and exercises, and expansions to include new business programs, services, and products.

Crisis Management Programs

ESAAG assists clients in the formation of management teams to respond to potential crises, formation of crisis command centers, development of crisis communications protocols, and documentation of guidelines for interacting with public authorities and officials.

Computer Forensics

ESAAG assists clients to determine the cause, extent, and nature of break-in or loss or other computer user actions, and determine who was involved in a security incident. The ESAAG staff is professionally trained investigative professionals utilizing specialized forensic software and techniques to collect, discover, recover, and analyze evidence suitable for use in a court of law. Utilizing our incident response team can provide timely assistance to minimize impact of an incident to your company.

Business Continuity Exercise, Awareness, and Training

This ESAAG service includes the facilitation of scenario based exercises, design and delivery of employee awareness and training programs and interaction with management teams who own the business continuity programs. The results provide the organizational, managerial and structural foundation for the implementation of a state-of-the-art availability program and establish mechanisms for the effective maintenance of the program over time.

Complete Security and Availability Strategy (CSAS)

ESAAG's CSAS solution is designed to provide clients who have unsatisfactory or non-existent information security programs with a coherent and comprehensive strategy. Utilization of the CSAS solution provides a means for seamless identification and documentation of security requirements and policy and procedure, development of critical security operating and managing capabilities, assessment of risks and vulnerabilities, and elevation of the security staff to professional status. The CSAS Solution provides assurance that both proactive and reactive responses are not only cohesive but address the specific culture, business requirements and risks unique to the organization.