ASERO WORLDWIDE®

INFORMATION ASSURANCE

Plan.
Measure.
Respond.

The need for organizations, institutions and governments to protect data is at an all-time high. Electronic computing environments continue to be placed under attack from malicious users and well-crafted exploits. These increasingly pervasive attacks place organizations under ongoing pressure to protect mission-critical applications and connected-network infrastructures.

Regulations and standards such as CIP, FISMA, EUD, PCI, FFIEC, SOX, NERC, HIPAA, ISO27K, NSPD54, SP 800 and DOD 8570, along with security breach disclosure laws and the continued growing threat from sophisticated exploits, have forced organizations to address security at the executive-team level as a matter of strategic importance.

The ASERO Information Assurance program assists clients in securing their digital information assets. ASERO's proven methods and technologies are key components of a successful risk-management strategy. The forensic identification and investigative solutions ASERO's team provides ensure that events are identified and addressed with a coordinated, effective and comprehensive response.

ASERO's solutions are provided to a broad range of customers and industries, including government, financial services, utility, legal, retail, media, telecommunications, nonprofit, health care, manufacturing and education.

ASERO is comprised of former senior-level industry and government veterans who have effectively operated within large-scale corporate environments and the government sector. This includes *Fortune* 100 experience, as well as federal and international law enforcement and investigations.

CAPABILITIES

ASERO provides comprehensive solutions to secure critical information. The solutions ASERO's team provides enable organizations to effectively plan for and respond to information security threats. It is ASERO's belief that an organization must be in a position to identify its risk, measure the risk's potential impact and build commensurate controls to mitigate each risk. Unfortunately, in many cases an organization determines the value of its key assets only after the organization has fallen prey to a security breach.

Through its structured programs, ASERO enables its clients to keep pace with the latest security threats. Whether responding to an incident, delivering a security penetration test or establishing a baseline security program, ASERO's team strives to exceed client expectations while providing measurable business results.

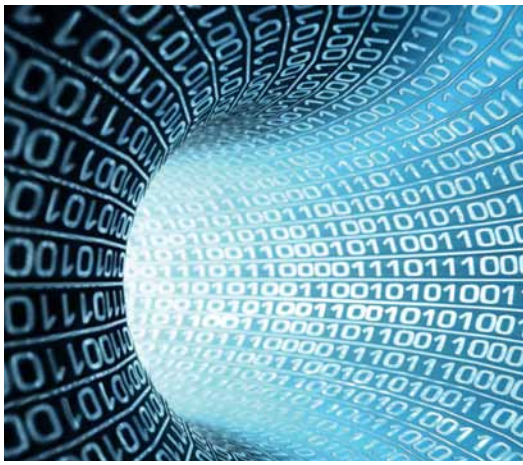
EXPERIENCE

Risk, Vulnerability and Penetration Testing Studies

In today's connected environment, new hardware and software exploits and vulnerabilities are uncovered daily. Implementing corrective precautions to prevent outsiders from gaining access to critical systems and data is a daunting task. ASERO's network and application security studies assess an outsider's ability to compromise sensitive client systems and data through Internet and remote access connections. ASERO's Information Assurance program utilizes the latest cutting-edge tools and exploits to gain access to critical networked assets without causing interruption or slow-down to the daily activities of an organization. ASERO programs provide a comprehensive examination of the security posture of an organization's digital information assets.

An ASERO security penetration testing assessment will identify

- INSECURE AREAS OF EXTERNAL AND INTERNAL NETWORKS
- INSECURE NETWORKED SYSTEMS
- INSECURE HOSTS
- INSECURE WEB APPLICATIONS
- INSECURE DATABASES
- ATTEMPTS TO GAIN ACCESS TO NETWORK DEVICES



During a typical ASERO exercise and in close collaboration with the client, the ASERO Information Assurance team will attempt to breach the clients' organizations networked resources in order to simulate an "attacker's" attempt to access the organization's computing assets, data, systems and associated resources.

Service delivery formats may be distributed under "zero-knowledge" or "targeted and informed" approaches or a combination of both.

An ASERO assessment will also determine the level of susceptibility to exploitation and/or compromise while identifying, validating and prioritizing all discovered security deficiencies. ASERO's Information Assurance team will research, design and deliver detailed countermeasures, along with a roadmap for remediation specifically tailored to mitigate deficiencies identified on an organization's network.

All of ASERO's Information Assurance services can be tailored to address specific regulatory directives that an organization may be facing. Partnering with ASERO affords clients' organizations third-party validation and proof of due-diligence efforts to protect confidential and proprietary information.

Incident Response and Forensics Investigation

Having an effective incident-response and forensics capacity is a crucial aspect of any modern information security management program. ASERO provides a disciplined approach and framework for the implementation of an incident-response program within an organization. ASERO focuses on the detection of intruders, assessing the level of damage imposed and determining the originating source. ASERO can also assist with the development of a formal incident-response procedure plan that can guide employees of an organization during the critical first moments of response.

Additional Services

The ASERO Information Assurance program also offers an extended suite of information security services, including program planning, awareness training, policy development, architecture consulting, legal and regulatory consulting and technical security counter-measures.

ASERO WORLDWIDE®

ASERO Worldwide, an industry leader in the homeland security market, is a global security and risk management consulting firm headquartered in Washington, D.C. ASERO provides clients with comprehensive security services to help diminish risks to their businesses and safeguard their most important assets – people, property and information. ASERO provides strategic and tactical counsel to governments and businesses on risk mitigation through integrated security solutions incorporating consulting, information assurance, training and technological innovation.

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