

# Risk Assessment

## THE CHALLENGE

ICS performed a Risk Assessment for a government agency in the southeastern United States to identify security vulnerabilities within their IT systems and resources. The agency completed the modifications and updates recommended in the assessment, and contacted ICS again to perform a gap analysis on the modified security program.

The key objectives for the ICS security consultants performing the risk assessment were to:

- Evaluate current information security policies & procedures and assess overall agency IT security
- Provide a baseline for measurement of overall risk across the agency
- Identify and prioritize Security Mitigation Strategies
- Direct activities to increase security controls in existing and future infrastructure

## THE INTEGRATED SOLUTION

ICS security consultants reviewed current policies and protocols to determine compliance with NIST SP800, 60DD. Interviews were conducted with agency staff to ensure compliance with legislative and regulatory policies and protocol. ICS provided a detailed report outlining the consultants' observations and their professional recommendations for improvements for the agency. ICS provided a mitigation plan that outlined task, level of effort and estimated cost to mitigate identified deficiencies.

## THE RESULT

When ICS returned 2 years following the original assessment, the security consultants found significant **improvement in 16 of the 17 NIST security control areas**. In 6 of the areas, the improvement **increase was 40% or higher**, and in one area the agency went from a low 41% compliance to **100% compliance** by following the Security Mitigation Strategies recommended by the ICS consultant.



### SERVICES INCLUDE:

- Risk Assessment
- Planning
- System and Services Acquisition
- Certification, Accreditation, & Security Assessments
- Personnel Security
- Physical & Environmental Protection
- Contingency Planning
- Configuration Management
- Maintenance
- System and Information Integrity
- Media Protection
- Incident Response
- Awareness and Training
- Identification and Authentication
- Access Control
- Audit and Accountability
- System and Communications Protection
- Technical Vulnerability Scans
- Policy and procedure analysis
- Policy and procedure Development

*The ICS Information Security Risk Assessment process is based on National Institute of Standards and Technology (NIST) SP800-53, International Organization for Standardization (ISO) 27002:2008, and applicable state and county regulations.*



# Risk Assessment

## ICS COMPANY OVERVIEW

Founded:	1997
Headquarters:	Montgomery, Alabama
Project Sites:	Montgomery, Alabama; Tallahassee, Florida; Denver, Colorado; Mechanicsburg, Pennsylvania; San Antonio, Texas
Employees:	<ul style="list-style-type: none"><li>• Heavily degreed and professionally trained</li><li>• 100% hold one or more industry certifications</li><li>• 70% with security clearances</li></ul>
IT Services:	<ul style="list-style-type: none"><li>• Risk Assessment</li><li>• Business Continuity   Disaster Recovery</li><li>• Technical Security</li><li>• Solutions Management</li><li>• Incident Response   Forensics</li><li>• Staff Support   Augmentation</li><li>• Project Management</li><li>• Information Assurance</li><li>• Advisory &amp; Assistance Services</li><li>• Network Operations</li><li>• Enterprise Computing Services</li><li>• Network Protection Services: Offense   Defense   Operations</li></ul>
Performance Management:	<ul style="list-style-type: none"><li>• Project-Based Cost Accounting System</li><li>• Project Management Methodology with Earned Value Management</li></ul>
Industry Partners:	<ul style="list-style-type: none"><li>• Unisys</li><li>• Juniper</li><li>• Safend</li><li>• Utimaco</li><li>• Bluecoat</li><li>• CA</li><li>• Riverbed</li><li>• HP/EDS</li></ul>



ICS offers a dynamic portfolio of security-driven IT solutions for global business and government. Taking a proactive approach to information security will help your organization streamline productivity and increase efficiencies. Learn more about our related services on [www.ICSInc.com](http://www.ICSInc.com).



## About ICS, Inc.

Integrated Computer Solutions, Inc. (ICS) is a Security-Focused, Business-Minded IT Solutions Provider with over fourteen years experience providing information assurance, technical support, advisory assistance, and operational services.

ICS is unique in its market because we not only have an established track record of providing enterprise technology and security services to clients in the commercial field, public sector and education markets, but we also have a foundation in service with the United States Department of Defense. ICS extends its experience and skill to work for you with employees that bring a fresh perspective and new ideas to service our clients in all industry verticals.

Providing an integrated approach to enterprise information and technical security needs, ICS provides consistently high levels of client satisfaction and measurable results.

It is our vision to be the company that everyone:

- wants to do business with
- wants to work for
- wants to own

