



# Case Study: Risk Assessment



ISO 9001:2015 Certified

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.

## KEY OBJECTIVES

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.



At ICS, we pride ourselves in our unique ability to integrate comprehensive strategy and cutting edge security into information operations. As the information age advances by leaps and bounds, it is imperative that your organization take a proactive, holistic approach to information operations. By leveraging our comprehensive strategy of integrating information security tenets into every aspect of IT service delivery, your organization will be armed with the technology, processes and policies necessary to win the ever-evolving battle to ensure the continuous availability and integrity of your organization's information.

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