Case Study:
Audit & Assessment

THE CLIENT
Duval County Public Schools (DCPS)
The public school district for Duval County, Jacksonville, Florida
At the time of engagement, the Duval County Public School district had an enrollment of over 155,000 students, making it Florida's 5th largest school district, and the 15th largest school district in the United States.

THE CHALLENGE
Duval County Public School officials understood that with the magnitude of IT systems and resources within their district, and reports of security breaches within school system databases across the country on the rise, that it was imperative to have their systems evaluated by an outside source that specializes in IT security assessments and strategic planning.

DCPS engaged ICS to perform a Comprehensive Network and Technical Security Assessment. The goal was to obtain an objective assessment of IT security vulnerabilities across the district, along with a remediation plan to combat any weaknesses that would be detected.

THE INTEGRATED SOLUTION
ICS conducted a comprehensive technical security assessment for Duval County Public Schools, which included:
· Internal Vulnerability Assessment (approximately 700 hosts)
· Database Vulnerability Assessment
· Network Architecture Assessment
· Application Assessment
· External Penetration Test
· Wireless Security Audit

Standards for evaluation included ISO 27002:2005 Code of Practice for Information Security Management and Federal Information Processing Standards (FIPS), such as FIPS 199, Standards for Security Categorization of Federal Information and Information Systems; FIPS 200, Minimum Security Requirements for Federal Information and Information Systems; and other recognized best practices in the area of information security.

ICS reviewed the district's IT policies to determine their effectiveness and compliance with district/state regulatory policies, and performed internal and external assessments to test the district's existing security measures. Where DCPS' environment did not incorporate best practices or standards, the project team developed recommendations aimed at bringing the program into alignment with these guidelines. Reports provided by ICS to the district detailed deficiencies and vulnerabilities while recommending changes to streamline and enhance IT security policies. ICS also provided assistance in the development of an overarching Organizational Security Policy to include new and revised DCPS IT Security Standard Operating Procedures.

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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