

# Technical Security

## THE CLIENT

### St. John's County Schools

The public school district for St. John's County, Florida

At the time of engagement, the St. John's county school district had been experiencing consistent and rapid population growth. The number of St. Johns County academic high schools tripled between 2000 and 2008 to over 27,500 students, making it one of the fastest-growing school districts in the state of Florida.

## THE CHALLENGE

During this rapid growth period, the district needed to ensure the safety of both the students and faculty within the public school system, to include their personal information within the system's network. They also needed to ensure that the district's network and web applications were safe from potential hackers.

St. John's engaged ICS to perform a **comprehensive technical security assessment** for St. John's County Schools to provide an objective evaluation of IT security vulnerabilities along with a detailed strategic plan to secure those weaknesses.

## THE PROCESS

ICS conducted a comprehensive technical security assessment, to include the following:

- **Web Application Assessment**
- **External Penetration Test**
- **Network Penetration Testing**  
*(against internet facing networks)*
- **Vulnerability Assessment**  
*(against publicly viewable servers discovered during penetration tests)*
- **Ethical Hacking**  
*(attempted exploit of weak areas identified in the penetration and vulnerability assessments, using both active and passive methods)*

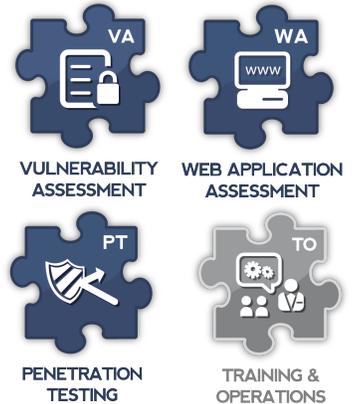
## THE INTEGRATED SOLUTION

ICS discovered many previously unidentified security weaknesses, including several specific issues ranging from low to high severity. A detailed remediation report was provided to the client with specific counter-measures to combat each of the security risks discovered during the engagement.

St. John's County School officials were able to know with certainty what cyber-security risks threatened their students and faculty, and had a trusted partner in ICS to guide them through the remediation process.



## APPLIED SERVICES



## TECHNICAL SECURITY SERVICES

### Vulnerability Assessment

- Internal Resource Assessments
- External Resource Assessments
- Web Application Assessments
- Wireless Access Exposure Analysis
- Remediation Strategies

### Penetration Testing

- Ethical Hacking
- Impact Assessment
- Exposure Mitigation Planning

### Knowledge Transfer

- Team Training
- Ongoing Support

### Network Assessment

- Security Architecture Review
- Infrastructure Upgrade Analysis
- Traffic Study



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## 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

