Security Fundamentals

Risk Assessment Services

The first step in your IT security health check should be a Risk Assessment from a qualified IT security firm. Consider it like checking the doors and windows on your network. With all of the confidential corporate and customer information in your database, you would never consider leaving those doors and windows open. But beyond the entryways that are easy to see, are there other access points that are not so obvious? Is your network at risk of experiencing a devastating breach?

ICS Risk Assessment Services include:

- Risk Assessment Planning
- System & 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 & Accountability
- System & Communications Protection

Please visit ICSInc.com to learn more.

ICS Inc. Integrated Computer Solutions

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Risk Assessment Services

RISK ASSESSMENT:
What is it and why does my organization need it?

An Information Security Risk Assessment is a means of examining your organization's information security infrastructure. It will identify vulnerable areas in the network and provide steps to secure those weaknesses. Your organization will then be able to prioritize which areas need to be addressed immediately, which are less urgent, and which ones are not urgent at all. It is the fundamental first step in an information security health check, and is often considered to be the most important.

A Risk Assessment will provide a clear view of weak points, or unlocked doors and windows in your network. This knowledge is the crucial first step in systematically securing your network from breach.

But, I just don't have the budget to support highly technical IT projects right now.

Today's headlines show businesses and government agencies increasingly falling victim to costly data leaks. Given the current threat landscape, it is crucially important to independently evaluate your security posture. With the average breach now totaling around $6.75M in a typical data loss event, your organization simply *cannot afford not to* take action.

In the case of Risk Assessment, a proactive approach can prevent catastrophic breaches in many cases. The cost of not being proactive: roughly $6.75M.

Can I be sure that we're going to be secure from a breach once the Risk Assessment is complete?

An Information Security Risk Assessment is just that: an assessment. It provides a detailed evaluation of your organization's current IT security posture and recommendations to secure your information infrastructure. The assessment will show you where the potentially weak areas are, in order of priority, and what needs to be done to secure those weak areas. It is then up to your organization to determine where to allocate additional resources to begin the process of implementing needed change.

A Risk Assessment will provide your organization with an objective evaluation of the security of your information infrastructure. It is your organization's first step in your IT Security Health Check and Get Well Plan.

THE FACTS:

In 2008, a reported 285 million records were breached. Average cost per record: ***$202***

In 2009, the average cost per Personally Identifiable Information (PII) record compromised rose to ***$11,000****.*

Large-scale security hacks reaching across all industry sectors have left THOUSANDS of organizations, including US government agencies, scrambling to counter the attacks, and the costs are rising exponentially.

THE COST:

The ***average organizational cost of data breach*** *continues to rise with an increase of 35% over the last 3 years.*

2006: $5M
2007: $6.35M
2008: $6.65M
2009: $6.75M

For more information security trends, visit ***Trends.ICSInc.com****.*

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Risk Assessment Services

In terms of Risk Assessment, what sets ICS apart from other companies?

When choosing a Risk Assessment firm, it is important to choose one that not only has strong past performance history in Risk Assessments, but in Technical Security on the whole. It will save your organization valuable resources (both time AND money) to use the same firm to perform the Risk Assessment and to help implement any remediation steps that are found to be necessary. But what sets ICS apart?

1. We are business-minded.
ICS has a strong security-focused information technology background, and **we are business-minded.** ICS understands that many of the costs associated with information security can be reduced by simply taking a systematic and proactive approach. We implement our proven (and proprietary) project management methodology into every engagement, focusing on risk based decision support and cost reductions in your security program.

2. We understand how IT security impacts *your* business.
ICS has a strong track record of over 150 successful Risk Assessment engagements for clients across the industry spectrum— from the United States Department of Defense to colleges and universities to financial institutions and everything in between. Ask for samples of our past performance and case studies in your industry vertical.

A sound reputation, experienced consultants with reach-back to the ICS virtual team, business-minded and security-focused. Those are just a few of the ICS differentiators.

Did you know?

ICS has conducted more than 150 comprehensive Risk/Security Assessments using industry best practices and standards including:

- ISO 27002 (formerly ISO 17799 and BS7799)
- National Security Agency Information Assurance Methodology (NSA IAM)
- National Institute of Standards and Technology (NIST) SP800-series

Visit our online Resource Library at www.ICSInc.com for Case Studies, Whitepapers and more.

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THE GET WELL PLAN: Risk Assessment Components

Information Security Risk Assessment

ICS will assess your organization's procedures against standards such as ISO 27002, NSA IAM, NIST SP800-series, and appropriate state and/or federal regulations. This process includes threat and vulnerability identification, risk determination and impact analysis.

Gap Analysis

A Gap Analysis is a follow-up to a Risk Assessment to measure improvements that have been made since the initial assessment. If deficiencies remain, they will be identified, prioritized, and remediation strategies will be provided.

Security Policy Review

This component can be performed individually, and is also included in the overall Risk Assessment. It is a review of your organization's existing security policies as compared to relevant standards (e.g., NIST, ISO, COBIT). If areas of non-compliance are discovered, ICS will provide a detailed roadmap outlining the steps and effort required to improve your overall information security program.

Policy Development

Following an assessment or policy review, ICS can help your IT department develop strong information security policies which will help ensure the integrity and availability of your organization's sensitive information. The policies will be designed to be implemented without undue interference to operations.

ICS can help you determine which Risk Assessment components are most appropriate for your organization based on your organizational needs and resources.

A PROACTIVE APPROACH: The IT Security Health Check

ICS can be a valuable partner in the battle to keep your business secure and operating at peak productivity. ICS offers a full portfolio of security-focused IT solutions, including: staff augmentation and support, network penetration testing, application vulnerability testing, disaster recovery and business continuity planning, risk assessments, WAN optimization, forensics, and incident response services.

Many of the costs associated with information security can be reduced simply by taking a systematic and proactive approach, and working with qualified professionals that are security-focused. Let ICS show you how to maximize the return on your enterprise security investment.

About ICS, Inc.

Integrated Computer Solutions, Inc. (ICS) is a full-service information technology and IT security consulting and professional services firm headquartered in Montgomery, AL with operating locations throughout the United States.

Established in 1997, ICS provides a robust portfolio of technology and information security services that combine comprehensive strategy with cutting edge security. Our services provide a balance of cost and quality that enables our clients to maximize their return on IT investments.

ICS has an established track record of providing enterprise technology and security services to a wide range of Federal, State, and Fortune 1000 clients.

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