

B2B Integration Services @



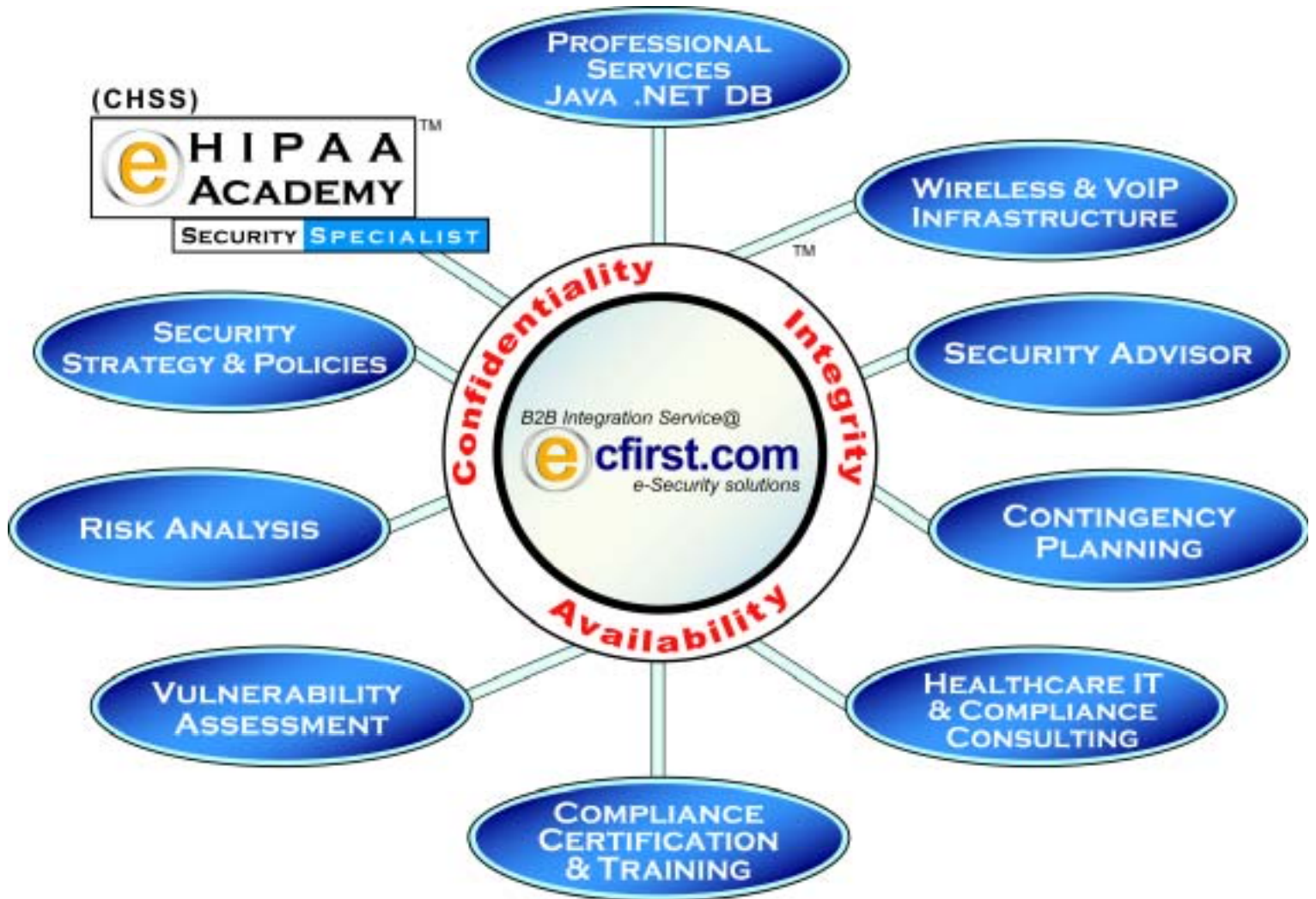
BizShield™

Mortgagefirst™ • BizShield™ • Healthcare IT & Compliance

ecfirst.com specializes in delivering solutions to vertical markets that include financial, healthcare and the government. The Mortgagefirst™ is rich in mortgage business experience and has executed projects that include the development of enterprise application architectures, database repositories and enhanced performance of Web solutions. The BizShield™ InfoSec Practice specializes in assisting clients in the areas of wireless and VoIP design/implementation, risk analysis, vulnerability assessment, security policies and contingency planning. The Healthcare IT & Compliance Practice assists organizations with Information Technology (IT) projects such as deployment as well as application development. This practice excels in helping clients meet the requirements of legislations such as HIPAA, Sarbanes-Oxley, FISMA and others. Solutions implemented include compliance audit, product certification, remediation-related projects, deployment of security technologies and training.

The **ecfirst.com** client list is impressive and includes esteemed organizations such as U.S. Army, U.S. Navy, several hospitals and clinics, state governments of Iowa, Oregon, and Illinois, HCR Manor Care, Blue Cross Blue Shield affiliates, Principal Financial and hundreds of others.

Talk to us about your specific requirements and we will tailor a solution that meets your business objectives.



www.ecfirst.com

877.899.9974 x20&22

The Business of Mortgage Enterprise Practice

ecfirst.com has proven knowledge of the Mortgage Industry, technology and applications. The ecfirst.com Mortgage Business Practice delivers solutions that results in increased efficiency, lower costs, and enhanced application features of value to customers. Our expertise in the mortgage industry has enabled the development of enterprise application architectures, increased performance of Web solutions, and database repository designs that support enterprise systems.

With expert knowledge of technologies that include Linux or Windows, Java or .NET, ecfirst.com's Mortgagefirst™ teams are driven by your business requirements.

Mortgagefirst™ is ecfirst.com's Business of Mortgage Enterprise Practice. Rich in mortgage business experience, we are ready to address your business challenges.

E-Forms

ecfirst.com led an enterprise effort to convert mortgage related forms from hard copy to electronic templates. This process reduced shipping costs and increased sales turnaround time by simplifying intense business processes. Project highlights included:

- Conversion of nearly 4000 pre-printed forms
- System developed to extract print stream data and merge it in real-time with templates enabling documents to be printed in proximity to users without the need for special paper or printers
- System developed capable of processing 30,000 requests daily, distributed over 64 remote sites and hundreds of printers
- Cost savings to business of over \$1,300,000 monthly

Talk to us about we can assist your requirements for forms conversion and automation.

Mortgage Business Solutions

Investor Services: ecfirst.com has experience in designing Web-based solutions to house servicing check information. The system supported reconciliation, reporting, check issuance and research functionality using the Intranet. Servicing Representatives receive real-time check information that may be used for assisting customers. The rule-based server supports detailed business rules, exception work queues, new screen layouts designed by the business units, administration capabilities and the ability to interface with banks.

Escrow: ecfirst.com has experience designing systems that provide a single repository for escrow data. The application provides the basis for escrow database applications. The system operates in a multi-site, multi-department environment supporting over 250 users and 4.5 million data records (projected). Exception processing is much more automated.

From Professional staffing to project management ecfirst.com can address your challenges.

Application Architecture

ecfirst.com has created highly robust and optimized e-commerce solutions based on an n-tier architecture leveraging technologies like COM+/J2EE, Visual Basic/Java, ASP/JSP, IIS/Web Sphere, SQL Server/ Sybase, ADO/ODBC.

ecfirst.com has experience with the assessment, tuning and enhancement of the performance of the enterprise web architecture. Systems components analyzed typically include web hosting, application development, query optimization, transactions locking and concurrency issues, network traffic monitoring and database design. Technological analysis includes ADSI, SSL as well as eSecurity.

ecfirst.com team has designed and developed application architectures to reduce the number of people required to maintain merchant accounts, as well as making the system more efficient and less prone to errors as a consequence of automation. Technology components included COM+, VB 6.0, ASP 3.0, IIS 5.1 and SQL 2000.

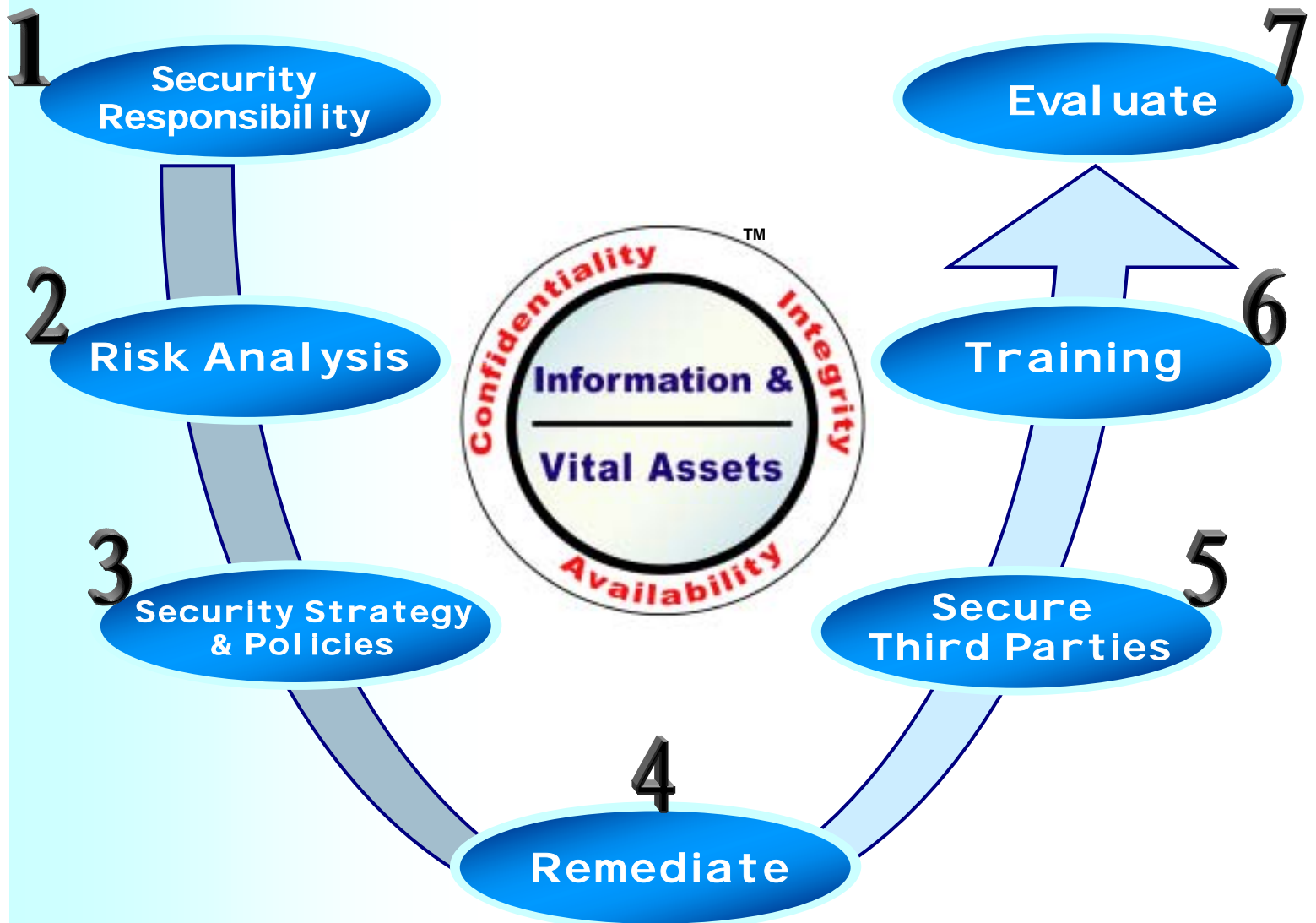
ecfirst.com has provided its clients with expert consulting and strategic guidance for designing mortgage business applications on a .NET infrastructure.

The Seven Steps to Enterprise Security™

ecfirst.com's **The Seven Steps to Enterprise Security™** is a BizShield™ methodology that establishes a comprehensive framework for defending your organization's sensitive information and vital assets. It is a road-map to safeguard not just your digital assets but the organization's information infrastructure as a whole. This methodology has been influenced by the domains defined in the **ISO 17799** and the **BS 7799** security standards as well as the **CobIT** and **NIST** security frameworks. It has also been impacted by the works of Sun Tzu's **Art of War** and India's legendary **Arthashastra** by Kautilya.

The **Seven Steps** methodology delivers *confidentiality, integrity and availability* (CIA) of your sensitive business information and other vital assets.

The **Seven Steps** methodology is **ecfirst.com's** road-map for securing your enterprise. It is the foundation of our BizShield™ Consulting Practice. Rich in hands-on security consulting experience, we are ready to address your enterprise security requirements.



Risk Analysis

Risk Analysis identifies areas that need to be addressed for regulatory compliance for legislations such as HIPAA as well as all gaps that may be exploited by insider and outsider attacks. Organizations must periodically conduct an accurate and thorough assessment of the potential risks and vulnerabilities to the confidentiality, integrity and availability of sensitive information such as electronic protected health information (ePHI) or financial records.

Risk analysis is a process whereby relevant assets and relevant threats are identified, and cost-effective security/control measures are identified or engineered, in order to effectively balance the costs of various security/risk mitigation/control measures against the losses that would be expected if these measures were not in place. Threats and risks are real. Each entity needs to identify and prioritize risks and threats.

A thorough risk assessment identifies the system vulnerabilities, threat, and current controls and determines the risk based on the likelihood and threat impact. These risks should then be assessed and a risk level assigned, such as high, medium, or low.

An accurate and thorough Risk Analysis, as required by several regulations, is a major undertaking for any organization. **ecfirst.com** consultants, with their expert knowledge of the regulations along with their experience consulting in a wide range of organizations, can complete such a project faster and easier than attempting a Risk Analysis "in-house."

A technical vulnerability analysis and penetration testing are often included as part of a thorough Risk Analysis. The **ecfirst.com** Risk Analysis engagement is driven by the **BizShield™** security methodology – this methodology identifies seven critical steps for an organization to implement to establish a secure infrastructure.

Client Testimonial

"The HIPAA Academy provides services across the United States, but we felt that we were a priority group being served. I am sure that this is indicative in all of the services they provide to other organizations. The staff of the HIPAA Academy has a strong grasp of HIPAA, combined with a common sense knowledge of how organizations work."
Patricia Anderson, PHR, Mid-Willamette Valley Senior Services Agency

Remediation Services

Security remediation is about launching projects to address gaps identified in risk analysis. After risk analysis is complete, it is time to begin prioritizing remediation targets. Start on the "quick hits." "Quick hits" can be anything that your organization is confident will require little resource and will demonstrate progress toward your goals.

Remediation typically includes the following project activities:

- | | |
|---|---|
| 1. Implement intrusion detection systems | 6. Implement automatic logoff |
| 2. Secure facilities and server systems | 7. Activate log-in monitoring and auditing capabilities |
| 3. Implement device and media control solutions | 8. Deploy integrity control and encryption technology |
| 4. Implement authentication solutions | 9. Test contingency planning procedures |
| 5. Deploy access control technology | |

ecfirst.com will work closely with your core team and assist with remediation projects to ensure timely completion of your organization security initiatives. **ecfirst.com** can assist with staffing services, pilot security technologies and deploy solutions in the areas of identity management, access control, encryption and others as required.

Vulnerability Assessment/Penetration Testing

ecfirst.com's Vulnerability Assessment/Penetration testing service is divided into internal and external assessments. The external assessment determines the security posture of your organization's electronic perimeter, consisting of the routers, hosts, firewalls, modems and other devices (and software) that connect your networks to non-corporate networks. These network components generally provide the maximum exposure to outside intruders.

ecfirst.com's methods approximate closely to what an external hacker would face trying to break in. **ecfirst.com** uses a suite of sophisticated tools, ranging from freeware (which is available to the hacker community at large) to tools that are proprietary to our organization.

The internal assessment is conducted from inside the corporate perimeter security devices (e.g., a firewall) via an internal LAN connection. The internal assessment provides your organization with data on what an informed hacker or disgruntled employee might be able to accomplish, should he or she bypass the firewalls or other network-access safeguards. Within the scope of the internal assessment is an evaluation of your organization's wireless vulnerabilities. This includes a review of configuration of your access points as well as wireless end systems.

The internal portion of the assessment is particularly important because the internal network is most often overlooked in network security management. Many businesses have strong external defenses but almost nonexistent internal defenses. The internal assessment will show to what extent an internal user could create damage, and allow **ecfirst.com** to identify the most efficient means of securing the network.

Detailed reports are published by **ecfirst.com** based on analysis of the data collected from the various tools deployed both internally and as part of external penetration testing. An assessment checklist is created to document information about all critical systems and applications that process or store sensitive information. The **ecfirst.com** team then specifically identifies:

- Key information technology systems and components for each critical asset
- Key systems and components for technology weaknesses/vulnerabilities that may be exploited

The final **ecfirst.com BizShield™** report will present a realistic impression of your organization's security posture against the most likely attacks. It will provide an analysis of results, reveal samples of data discovered (i.e. screen shots), and furnish recommendations for effective long-term security measures.

The **BizShield™** report will detail the vulnerabilities and compliance issues found and the corrective actions required to secure networked systems and mitigate identified risks. The report is conveyed in soft copy on compact disc (CD) and in a PDF format.

Client Testimonial

"The HIPAA Academy's 'Seven Steps to HIPAA Security Compliance™' methodology is an excellent framework to consider as member hospitals launch HIPAA security initiatives and activities. IHA is working closely with the HIPAA Academy to help members address HIPAA Security Rule requirements such as risk analysis, security policies and training."
Illinois Hospital Association (IHA)

Information Security Policy Templates

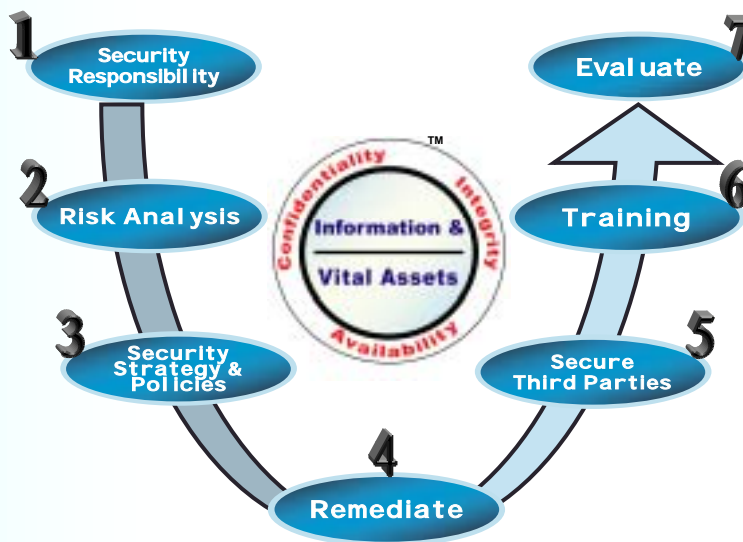
The **BizShield™** security methodology identifies seven critical steps for an organization to establish a comprehensive framework for defending sensitive business information and vital assets. It is a road-map to safeguard not just your digital assets but the organization's information infrastructure as a whole. Regulatory compliance is a reality. Be it HIPAA, Sarbanes-Oxley(SOX), Federal Information Security Management Act(FISMA) or others, these infoSec policies provide the framework required for compliance.

The **BizShield™ InfoSec** methodology includes these sensitive vital security policies that are now available exclusively through **ecfirst.com**.

Clients

- Illinois Department of Human Services
- Oregon Department of Human Services
- Illinois Hospital Association
- RSA Security, Inc.
- AT&T
- Hewlett-Packard
- Iowa Nurses' Association
- MediNotes
- Mass Mutual Financial Group
- Lancaster County, Nebraska
- Delta Dental
- Blessing Hospital
- Illinois Association of Public Health Administrators

BizShield™: Framework for Regulatory Compliance



Policy Outline

Each BizShield™ InfoSec policy is consistent in format and style. The specific sections of each InfoSec policy typically include the following sections:

- Approval
- Date
- Purpose
- Scope
- Policy
- Responsibilities
- Compliance
- Procedures
- Forms
- Definitions
- Contact
- Policy History

Purchase Policies Today!

Purchase the InfoSec policies today! The policies are available at the e-Store at www.ecfirst.com. The policies are available as both Microsoft Word and PowerPoint templates. These PowerPoint templates are ideal to use for training your employees on information policies that have been established by your organization. Purchase of the policy templates grants the organization a one site license.

Please contact Bob Matthews at **1.877.899.9974 x20** to discuss customization of these policy templates to be specific to the requirements of your organization. We will tailor these policies to meet your business requirements and will do so cost effectively and expeditiously.

Contingency Planning/Disaster Recovery

Contingency planning is about a coordinated strategy that involves plans, procedures and technical measures to enable the recovery of systems, operations, and data after a disruption. The contingency plan must be developed with the input and support of line-of-business managers and all key constituencies, since the plan will need to work across the organization. The plan must be based on the risks faced by the organization as well as risks associated with partners, suppliers, and customers. All technology issues must be addressed in the context of business operations. The plan itself must be tested regularly and refined as required. The core objectives of contingency planning include the capability to:

- Restore operations at an alternate site (if necessary)
- Recover operations using alternate equipment (if necessary)
- Perform some or all of the affected business processes using other means

The objective of a contingency plan is to establish (and implement as needed) policies and procedures for responding to an emergency or other occurrence (for example, fire, vandalism, system failure, and natural disaster) that damages systems that contain sensitive information.

Key Deliverable: The BizShield™ Contingency Plan Document

A BizShield™ Contingency Plan document will be created based on our review and analysis of information collected from your organization. The major sections of the Contingency Plan document are:

- Supporting Information
- Notification/Activation Phase
- Recovery Phase
- Reconstitution Phase
- Plan Appendices

This BizShield™ Contingency Plan will include information in the following areas:

- | | |
|--|---|
| <ul style="list-style-type: none"> • Data Backup Plan • Disaster Recovery Plan • Emergency Mode Operation Plan • Testing and Revision Procedures | <ul style="list-style-type: none"> • Applications and Data Criticality Analysis • Contingency Operations • Data Backup and Storage • Emergency Access Procedure |
|--|---|

Client Testimonial

"This class was extremely helpful in understanding and preparing for the HIPAA Compliance. As a CISSP with CE requirements, I will highly recommend this class to others. The material and Instructor were great. "

Chris Feeney, CISSP, Computer Services Partners, Inc.

Security Advisor

ecfirst.com can assist your organization's InfoSec initiatives with certified professionals (such as CISSP, Security+ and others) in the areas of:

- Risk Analysis
- Vulnerability Assessment (Penetration Testing)
- Customization of Security Policies
- Security Audit
- Security Vendor and Product Review
- Security RFP Development

Certified HIPAA Professional (CHP)

The Certified HIPAA Professional™(CHP) certification training helps you better understand HIPAA's Administrative Simplification Act as well as how to create a framework for initiating and working towards a blueprint for HIPAA compliance. From the CHP program you will learn the following about HIPAA:



- Step through how to plan and prepare for HIPAA compliance. HIPAA is about awareness first, assessment second and finally action focused on gaps identified.
- Review specific requirements and implementation features within each security category.
- Learn why HIPAA compliance is better focused as a business issue than as an IT issue, although IT will play a major role in implementing compliant systems.
- Examine how implementing HIPAA will affect the way healthcare entities organize and staff to achieve and monitor compliance with patient privacy/confidentiality needs.

Course Outline: <http://www.hipaacademy.net/hipaacertification/chpcourseoutline.html>

Training Schedule: http://www.hipaacademy.net/hipaatraining/training_schedules.html

Client Testimonial

"The dedication and passion that your team presented on a daily basis for the past five months has been outstanding. We were able to surpass our project goal by 6 percent and maintain our projected budget! This is a direct reflection of the flexibility of both your Management team and the on-site HIPAA Consultants performing the training."

Teri Cardinale

Training Specialist, State of Oregon

Certified HIPAA Security Specialist (CHSS)

A core aspect of the Health Insurance Portability and Accountability Act (HIPAA) is to secure electronic medical records. In this HIPAA Security boot camp we examine all defined HIPAA security specifications and identify options and solutions available to secure health care entities.



The HIPAA security provision will result in substantial investment in e-business initiatives and deployment of security technology specifically in the health-care and insurance industries. The Certified HIPAA Security Specialist™ (CHSS) training helps you understand the core elements for defining the framework towards HIPAA's security compliance.

The program flow and content accounts for the three security domains defined within the HIPAA Security Rule. The HIPAA security domain topics are addressed in the context of the required implementation specifications and associated security technologies and policies. Each lesson is focused with health care examples, templates and solutions that will be valuable as your organization considers options to secure the enterprise.

Course Outline: <http://www.hipaacademy.net/hipaacertification/chsscouseoutline.html>

Training Schedule: http://www.hipaacademy.net/hipaatraining/training_schedules.html

Client Testimonial

"We would strongly recommend the HIPAA Academy's CHSS program and the Seven Steps methodology to all Public Health Administrators, County and State governments and others. The program was delivered at a reasonable cost and it was tailored to meet all our requirements."

Mark Stevens, B.S., M.P.A.

President, Illinois Association of Public Health Administrators (IAPHA)

HIPAA Product Certification

Does your product meet the requirements of the HIPAA legislation? Has this been verified by a neutral, independent, third party? The HIPAA Academy can assist your efforts with evaluating your product(s) and if the product is in compliance with the HIPAA legislative requirements.

Benefits of Certified Product:

- Clearly identify the specific standards and implementation specifications that your software is in compliance with the HIPAA Security legislation
- Use the HIPAA Academy Certified Product logo for your marketing and promotional activities
- Display your commitment in helping clients meet their HIPAA Security compliance requirements
- Better business practice to show your product has been validated by an independent third party
- Get an edge over competitors in the industry
- Your organization and product will be identified in our risk analysis consulting projects as a potential solution to identified non-compliant areas
- 10% discount on all the HIPAA Academy e-store items



Medical providers are seeking out products that ease the HIPAA compliance effort. HIPAA Academy certified software products ensure prospective customers that the software systems meet HIPAA regulations which will ease the burden to the provider.

The HIPAA Academy HIPAAShield™ Methodology provides the framework to review product features and capabilities and the HIPAA legislation requirements. This identifies the maximum number of situations where a service or feature in the software could provide HIPAA relief.

Client Testimonial

"I would like to thank your organization for the courtesy and professionalism your staff exhibited when interacting with MediNotes. We initially chose the HIPAA Academy because of your company's prominence and availability. Upon retrospect we were very fortunate to have chosen the HIPAA Academy. Here at MediNotes we found the HIPAA Academy to be extremely dynamic and responsive to our needs. The ultimate evaluation of our product was an easy process due to the prior input and suggestions from your company's staff. Your suggestions have really added value to our product and help us become HIPAA Complaint."

Don Schoen, CEO
MediNotes Corporation

Professional Services

With over 5 years experience in the recruitment and staffing field, we can offer you a wide array of services. We have expert recruiters on call who can handle all your staffing needs. ecfirst.com specializes in matching experienced professionals with your specific business requirements.

We can assist your organization with consultants in the areas of Java, .NET, Web application development, databases, project management and security.

Client Testimonial

"ecfirst.com has proven time and time again that they have the right people to complete project deliverables on time and within budget."
Donna J. Stelzer, Vice President, Enterprise Support & Program Management
Wells Fargo Services

Nurse Staffing

ecfirst.com specializes in nurse recruitment services with training centers located throughout India and the United Kingdom. We recruit highly skilled Indian nurses for placement at healthcare facilities throughout the United States.

We can assist your organization with prescreened nursing professionals that have exceptional clinical and communication skills. Our team of professionals will help you to find the nurses you need and to plan ahead for their arrival at your organization, ensuring a smooth transition for the nurse and hospital or care facility alike.

With years of experience in the acquisition of overseas nursing talent, ecfirst.com is well versed in issues relating to recruitment, certification, immigration, licensing and orientation.

Whether you have an immediate need for nursing professionals, or you are projecting a need in the future, ecfirst.com is ready to assist your efforts.

Clients

- Blue Cross Blue Shield Affiliates
- Principal Financial
- State of Oregon, Dept. of Human Services
- State of Nevada, Dept of Human Resources
- Illinois Assn. of Public Health Administrators
- U.S. Air Force, Army, Navy, Coast Guard
- Northwestern Memorial Hospital
- Iowa Nurses Association
- HCR Manor Care
- Loyola University Health System
- Delta Dental

Valued Partners

- RSA Security
- Train For HIPAA
- Prometric
- Course Technology
- NETg
- CompTIA
- Illinois Hospital Association
- MeasureUp