

**An Actionable
Cyber Security Program!**

"Ali Pabrai is an exceptional presenter who possesses a broad-based knowledge of cybersecurity & compliance. The scope of his talents range from boardroom-level strategic discussions on cybersecurity to tactical implementation plans suitable for company-wide execution. Ali is skilled in the evangelization of the state of today's cybersecurity threats & passionate in communicating an action plan a Board of Directors should pursue to mitigate exposure."

"Do not miss an opportunity to attend Mr. Pabrai's presentation. You will not be disappointed."

Jerry Greig, CIO

phishing

CCCSA SM

Certified Cyber Security Architect



SECURITY
BREACH
THREAT
WARNING

DOS

**The First Executive Training Program Focused on
Enabling an Enterprise Cyber Security Plan**

malware



DDOS

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Course Outline

Module 1: Cybersecurity Framework

- Framework Profile
- Framework Implementation Tiers
- Framework Core Functions
- Functions, Categories, and Sub Categories

Practical Study III: Getting Started: Vulnerability Assessment

Module 3: Vulnerability Assessment and Penetration Testing

- Vulnerability Scans
- Wireless Assessment
- Pen Test Methodology
- External and Internal Pen Test
- Exploitable Vulnerabilities
- Detect and Prevent Intrusions
- Change-Detection Mechanism
- Firewall/DMZ Assessment
- Enterprise Cyber Risk Assessment

Practical Study V: Encryption Checklist

Module 5: Encryption

- Standards and Regulations
- PCI DSS and Encryption
- NIST and Encryption
- HIPAA and Encryption
- Encryption Policy

Module 2: Security Incident Management

- Framework Profile
- Framework Implementation Tiers
- Framework Core Functions
- Functions, Categories, and Sub Categories

Practical Study IV: Getting Started: Penetration Testing

Module 4: Essential Cyber Policies

- Information Security Policies
- Organization of Information Security
- Risk Assessment & Management
- Audit Controls
- Mobile Device Policy
- Breach Notification
- Information Security Incident Management
- System Acquisition, Development, and Maintenance
- Supplier Relationships

Practical Study VI: Checklist for Cybersecurity

Module 6: Establishing a Cybersecurity Program

Learning Objectives

From the CCSASM program you will:

- Examine & build a practical & applicable cyber security program for an organization
- Step through core components of an actionable incident response plan
- Identify policies that reflect an organization's priority for security in the areas of risk assessment, mobile devices, cloud computing, encryption, & more
- Walk thru incident management & other checklist documents to establish consistency in monitoring enterprise security capabilities
- Learn about key reference sources vital for managing an enterprise cyber security program

Prerequisite Requirements

- It is strongly recommended the candidate pass a major security certification exam such as CISSP, CISA or CISM or CSCSTM or have equivalent knowledge & experience.

Target Audience

The complete one-day CCSASM program is of value to compliance professionals & managers, information security officers, security practitioners, privacy officers, & senior IT professionals.

The CCSASM Exam

The CCSASM exam is delivered at the conclusion of the CCSASM instructor-led 1-day program. The CCSASM exam validates knowledge & skill sets in cyber security with particular focus & emphasis on the development of an applicable cyber security incident response & an enterprise cyber security program.

Exam Name	Exam Number	Number of Questions	Time Allowed	Passing Score
CCSA-1	CCS-101	40	45 Minutes	75%

Exam Fee

The Certified Cyber Security ArchitectSM (CCSASM) exam fee is \$695.00.

Requirements for Maintaining CCSASM Certification

CCSASM must comply with the following requirements to retain certification:

- Comply with the ecfirst Code of Professional Ethics.
- The CCSASM certification is valid for three-years. Recertification costs \$695 & you will get an updated copy of the CCSASM manual & a new certificate. If you do not renew your certification within the three year period you will be required to retake the CCSASM exam & pay \$695.

Revocation of CCSASM Certification

ecfirst may, at its discretion after due & thorough consideration, revoke an individual's CCSASM certification for any of the following reasons:

- Violating any provision of the ecfirst.com Code of Professional Ethics
- Falsifying or deliberately failing to provide relevant information
- Intentionally misstating a material fact
- Engaging or assisting others in dishonest, unauthorized or inappropriate behavior at any time in connection with the CCSASM exam or the certification process

Training Options

The CCSASM Program may be delivered as a private class at your site world-wide, or may be taken at one of our training locations. To find out more information on our 1-day CCSASM Program, please contact ecfirst at +1.480.663.3225 or John.Schelewitz@ecfirst.com.

On Site Training

Bring ecfirst training, certification & executive briefs, to your site. ecfirst will customize the session to meet your specific requirements & time frames.

Disclaimer

This document is a guide to those pursuing the CCSASM certification. No representations or warranties are made by ecfirst that the use of this guide or any other associate publication will assure candidates of passing the CCSASM exam

Disclosure

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Industry Thought Leadership

"Uday Ali Pabrai is an engaging & lively speaker who has an expert grasp of his subject matter. His presentations are always well-researched with the most up-to-date information available, & the audience question & answer sessions are always lively & informative."

Michelle Liro
Senior Manager, Marketing Program, Imprivata

"Ali Pabrai presented at the 2015 Phoenix Security & Audit Conference, sponsored by the local chapters of ISACA, ISSA, & the IIA. Ali's topic was Cyber Risk = Business Risk. Based on interest in his presentation, we had to move him to the largest room & he had the largest breakout session attendance of the day - with over 400 attendees & 7 breakout sessions, nearly one third, well over a hundred, attended his session. Feedback surveys were all positive, noting his slides were informative & presentation skills excellent. We recommend Ali for future speaking engagements."

Aaron Cook
ISACA Phoenix Chapter President
2015 Phx SAC Speaker Committee Chair

"Pabrai's opening address was marked with high energy, depth of knowledge, humor & practical next steps for addressing breach readiness. His presentation was a 10+. His work related to the Checklist for Information Security was specifically requested by many in the attendance. Pabrai set the tone for the conference & we are looking forward to our next event together."

Powell Hamilton
President, ISSA of OC

"Pabrai's presentation was exceptional because he is an exceptional speaker. His topic had not only relevance & great subject matter, but context. Was current, extremely practical."

"Mr. Pabrai's address on Emerging Trends in Information Security was spot on with a packed audience of information security, compliance & audit professionals. Pabrai delivered with intense energy & had the audience engaged with a presentation packed with real-life cyber security challenges & industry best practices. We look forward to having Mr. Pabrai speak again in our Chapter future events."

Anh Tran
Vice President, ISACA-NCAC
www.isaca-washdc.org

"Pabrai's presentation gave clarity around the complexity of the multitude of compliances. The content can be used to help communicate to c-level managers the current security climate & direction security regulations are heading. This type of presentation to mid-level managers confirms as well as adds content that is highly relevant."

"It was obvious that Pabrai was very passionate about his topic, had a strong grasp of the subject matter & included his audience in discussions. It really hit the mark to bring home even to experienced security professionals a level of confirmation of their understanding of information security programs & how to implement industry standard controls."

"The audience that Pabrai presented to at the InfraGard SuperConference included law enforcement, protection & safety professionals as well as seasoned information security managers & directors. The presentation was very well received."

Ken M. Shaurette, CISSP, CISA, CISM
InfraGard SuperConference - Wisconsin, Chair

"Pabrai's presentation was dynamic & very informative. A lot of information was covered & was focused on much needed topics"

Jennifer Washington
MS, Division of Medicaid

"Phenomenal. Informative. Engaging. Ali Pabrai brings an energy to the stage. His unique presentation style & his solid understanding of cybersecurity & compliance will enlighten anyone from the front office to the board room with practical risk management guidance. It is always a delight to hear him speak on this topic. Go in with high expectations. Come out having exceeded them."

E.J. Yerzak, CISA, CISM, CRISC | Vice President of Technology, Compliance Services Consultant
Ascendant Compliance Management

CCSASM Program Creator

Uday Ali Pabrai
Cyber Security & Compliance Expert



Ali Pabrai, MSEE, CISSP (ISSAP, ISSMP), HITRUST (CCSFP), Security+, a cyber security & compliance expert, is the chairman & chief executive of ecfirst.

A highly sought after professional, he has successfully delivered solutions to U.S. government agencies, IT firms, healthcare systems, legal & other organizations worldwide.

Mr. Pabrai has led numerous engagements worldwide for ISO 27001, PCI DSS, NIST, HITRUST CSF and HIPAA/HITECH. Mr. Pabrai served as an Interim CISO for a health system with 40+ locations in USA. ecfirst is an approved HITRUST CSF Assessor.

Mr. Pabrai has presented passionate briefs to tens of thousands globally, including the USA, United Kingdom, France, Taiwan, Singapore, Canada, India, UAE, Africa, Saudi Arabia, Philippines, Japan and other countries. Conferences Mr. Pabrai has been featured at include HCAA, ISACA CSX, HIMSS, InfraGard (FBI), ISSA, HIPAA Summit, Google Privacy & Security Summit, Microsoft Tech Summit, Internet World, DCI Expo and dozens of others.

He is a globally renowned speaker who has been featured as a keynote as well as moderated cybersecurity conferences. Mr. Pabrai is the author of several published works. Clients that Mr. Pabrai has delivered to have included the Defense Intelligence Agency (DIA), and the Naval Surface Warfare Center. His career was launched with Fermilab, a U.S. Department of Energy nuclear research entity.

Mr. Ali Pabrai was appointed and served (2017) as a member of the select HITRUST CSF Assessor Council.

Mr. Pabrai is a proud member of the InfraGard (FBI).

Mr. Pabrai can be reached at Pabrai@ecfirst.com or +1.949.528.5224.

Control your excitement!

Conferences Worldwide That Pabrai Has Been Featured As A Cyber Security Speaker



First American



America's Health Insurance Plans

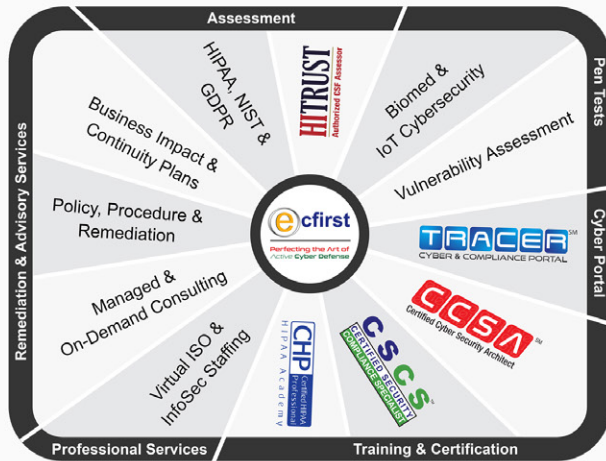


MASSACHUSETTS MEDICAL SOCIETY





Perfecting the Art of Active Cyber Defense



VISION (Mantra)

Enabling establishment of an active cyber defense program and capability.



MISSION (Karma)

Implement an evidence-based compliance program integrated within an enterprise-wide active cyber defense system.



OUR PROMISE

- Unconditional Guarantee. No Questions!
- ecfirst will not consider an engagement complete unless client is 100% satisfied.

Client Reference

"I just wanted to take a moment and say thank you. Thank you and the **excellent team** at ecfirst for **hard work**, late hours and **diligence** during the first round of our HITRUST certification, and now working on our annual risk management and HIPAA compliance assessment."

"From HIPAA compliance, cybersecurity pen tests, to the HITRUST certification engagement, we have found ecfirst to be an **exceptional partner** that labored incredibly hard for us, with us. The ecfirst insight and diligence to ensuring HITRUST certification mandates are met led to us completing our engagement on budget and time. We look forward to deeper collaboration with ecfirst in the cybersecurity space in the future. I continue to recommend ecfirst highly and often!"



Chip Goodman | Vice President of Information Technology

"The ecfirst team literally helped us build our HIPAA practices from ground up since 2012, allowing us to offer secure HIPAA-compliant eHealth and health IT solutions to our customers across the U.S. We are actively taking the logical next step in working with ecfirst to pursue the HITRUST certification in order to further expand our market. We see the partnership with ecfirst as an **integral part** of our business strategy and have been **extremely satisfied** with the **quality and value** of the services that ecfirst has rendered."



DerShung Yang | Founder & President

"Provant Health partnered with ecfirst to build a plan and assist in executing it with the goal of achieving HITRUST certification. Ali Pabrai and his team were **flexible, collaborative** and most importantly patient as we worked to educate our management team and key employees on the meaning and value of HITRUST. I'd recommend ecfirst to any company who wants to understand HITRUST or work on assessing and remediating their processes and systems in preparation for certification."



Tom Basilliere | Chief Information Officer



John Schelewitz | John.Schelewitz@ecfirst.com | +1.480.663.3225

Delivering Everything Compliance. Everything Security.

1000s of Clients | Clients in all 50 States | Clients on 5 Continents

