

CYBERSECURITY: THE HUMAN CHALLENGE

e-learning programmes to educate employees on cyber-security threats, regulations, data privacy measures and corporate security policies



To learn more about
E Com Security Academy, visit
www.ecomsecurity.academy

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"E Com Security Academy has been established to help and support employees, from all kinds of organizations, in being more innovative and vigilant to address persistent cyber threats and to comply with regulatory requirements".

Why E Com Security Academy?

Organizations across all industries are faced with unmanageable levels of cyber threats brought on by a changing threat landscape. The optimum strategy to respond to these threats is to make security an integral part of culture and overall structure to help organizations better prepare for digital transformation in the age of the fourth industrial revolution.

E Com Security Academy has been established to help organizations enhance security culture and meet regulatory requirements of GDPR, HIPAA, PCI DSS, FFIEC, and SOX with intuitive employee training thru our cloud-enabled learning environment customized to meet all kinds of organizations.

Using E Com Security Academy you will benefit the most from:

- Empower employees of various backgrounds with security awareness, data privacy, ethics & regulatory trainings
- improve employees' awareness and competencies to become cyber aware and actively help protect your organization against cybercrime and regulatory consequences.

- Knowledge of industry good practice approaches, so that you have the confidence that everyone with access to systems and data is being trained.
- Reduced risk of data loss or security incident through employee negligence or error.

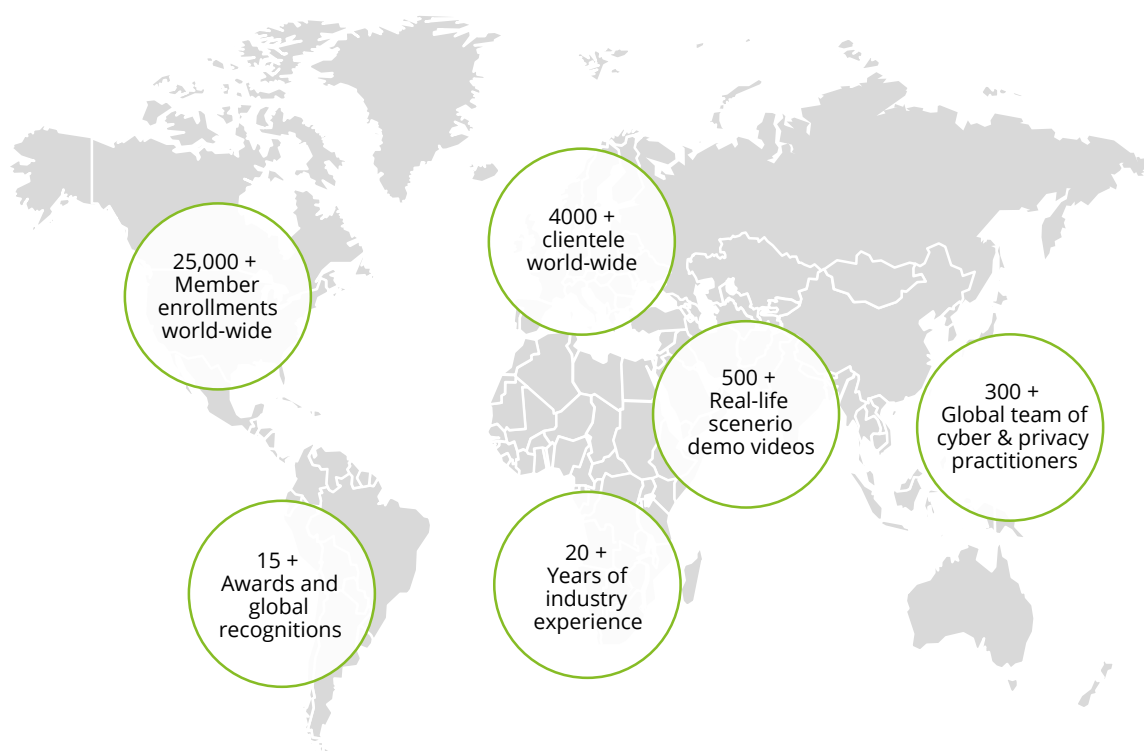
Certification and Accreditation

E Com Security Academy enjoys a number of important certifications & accreditations.

- Academy is certified and approved by the Human Resource Development Authority for the purposes of providing courses that are eligible for Professional Development. Participants are given a Certificate of Training confirming the total number of training hours.

Developed by specialists

At E Com Security Academy, we blend technical expertise with real life experience in training development and delivery. The course content is developed by niche cyber security and privacy experts of E Com Security Solutions, a big 4 cyber security firm helping over 4000 organizations globally in across 20 industries and over 150 countries.



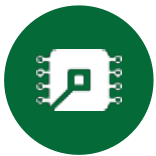
Learning on demand

Simple and effective employee training, created to accommodate different learning styles and learning on the go



Cloud-based online training

Every course is made up of an explanatory video lasting 3-5 minutes are designed for different levels of experience. Members can access the courseware at their own pace from anywhere using their laptops, phones, tablets, etc.



Inspiring video-based learning

We blend technical expertise with real life experience in training development and delivery. Our course content include Inspirational training videos, real-life scenarios, and simulations that are designed to reflect the field experience of E Com Security Solutions professionals.



Certificate of Recognition

Members will be provided with personalized Completion Certificates for each e-course and e-quiz completed. The certificates can be used to verify Continuing Professional Development and Education credits.



Digital Badge

The digital badge program is a digital recognition of skills which can be shared on social and professional networks, and can also be a part of member's digital signature. These badges are earned once member pass the exam.



Track and Monitor

As an administrator, you have access to an intuitive administration module. This makes it easy to set course dates, administer users and view user statistics.



Course Category – Employee Awareness

Courses designed to raise awareness on the importance of cybersecurity, and help build a security-oriented mindset among users



Security Fundamentals

The training course focus on fundamentals of information security,

including most noted cyber breaches, end user security risks, security tools and the end user's role in IT security.

Expertise Level: Beginner

Duration: 35 Minutes

Course Curriculum | 8 Trainings

	Course Overview
	IT Security Basics
	The CIA Security Triad
	End User Security Risks
	Cyber Breach Consequences
	Anti-Virus Software
	System Patches
	End User Role in IT Security
	Course Test



Remote Working Security

The training course focus on fundamentals on the risks associated with the remote

access and best practices specific to devices and secure remote access and configuration.

Expertise Level: Beginner

Duration: 35 Minutes

Course Curriculum | 8 Trainings

	Course Overview
	Remote Access Risks Scenario
	Remote Access User Considerations
	Security and Digital Collaboration
	Remote Access Operations
	Remote Access Best Practices
	E-Mail and Internet Security Best Practices
	Computer Security Best Practices
	Course Test



Social Engineering & Phishing

The training course focus on social engineering and Phishing attacks that target

victims and the best practices to protect from these attack vectors and avoid being a victim.

Expertise Level: Beginner

Duration: 40 Minutes

Course Curriculum | 8 Trainings

	Course Overview
	social engineering scenario
	social engineering tactics
	E-Mail Phishing Scenario
	Spot phishing attack
	Response to phishing
	Malware Types
	Social engineering and phishing best practices
	Course Test



Global Regulations

The training course establish the importance of building regulatory compliance into a

company's IT security program. The course also introduce members to various regulations including PCI DSS, GDPR, HIPAA.

Expertise Level: Beginner

Duration: 35 Minutes

Course Curriculum | 6 Trainings

	Course Overview
	Compliance with Laws and Regulations
	Payment Card Industry Data Security Standard
	Anti Money Laundering & Know Your Customer
	General Data Protection Regulation
	Health Insurance Portability & Accountability Act
	Course Test

Course Category – Cyber Skills

Courses aimed at improving employees' competencies and skills on Information Security governance, ethics and management



Information Governance

The training course helps organizations minimize information risks and costs while maximizing its value. Learn proven strategies, methods, & best practices for ensuring success of governance program.

Expertise Level: Intermediate

Duration: 35 Minutes

Course Curriculum | 8 Trainings

	Course Overview
	Security Policy Framework
	Information Security Policies
	Computer and Hardware Policies
	Risk Management Fundamentals
	Incident Management
	Disaster Recovery
	Physical controls
	Course Test



Business Ethics

The training course focus on how employees to respond in ethically gray situations, including conflicts of interest, fear of failure, and business pressure and drives importance of business ethics.

Expertise Level: Intermediate

Duration: 35 Minutes

Course Curriculum | 8 Trainings

	Course Overview
	Intellectual Property
	Contracts and Agreements
	Data Retention
	Personnel Security
	Employee Privacy and Security
	Employment & Termination Security Procedures
	Managing Diversity and Inclusion
	Course Test



Privacy and Security Principles

The training course explore best practices and procedures for managing privacy, security, and risk and assessing security processes. Also covers topics of data privacy and protection practices, and security frameworks.

Expertise Level: Advanced

Duration: 35 Minutes

Course Curriculum | 9 Trainings

	Protecting Sensitive Information
	Privacy Breach Consequences
	Generally Accepted Privacy Principles
	Privacy Considerations
	Limiting Data Collection
	Classification
	Labeling and Handling
	File encryption and Access Control
	Destruction and Sanitization
	Course Test



Information Risk Management

The training course focus on topics that can help senior leader and the management team to better understand risk management and its impact on decision making at an organization.

Expertise Level: Advanced


Duration: 35 Minutes

Course Curriculum | 7 Trainings

	Course Overview
	Risk Management Concepts
	Risk Assessments
	Vendor Risk Management
	Risk Treatment
	Penetration Testing
	Management Review
	Course Test

Course Category – Industry Practices

Courses aimed to meet mandated regulatory trainings of GDPR, PCI DSS, HIPAA, FFIEC, and SOX



PCI DSS Security

The training course targeted to end users which are designed by PCI Professionals to meet requirements of PCI DSS Standards. Course designed for both end users of merchant & service provider organizations.

Expertise Level: Advanced
Duration: 1 Hour, 15 Minutes

Course Curriculum | 17 Trainings

	Payment Card Industry Data Security Standard
	The CIA Security Triad
	Classification
	Labeling and Handling
	End User Security Risks
	Malware Types
	Information Security Policies
	Computer and Hardware Policies
	Incident Management
	Disaster Recovery
	File encryption and Access Control
	Anti-Virus Software
	System Patches
	Computer Security Best Practices
	E-Mail and Internet Security Best Practices
	Remote Access Best Practices
	End User Role in IT Security
	Course Test



FinTech Security & Regulations

The training course focus on unique cybersecurity challenges, including rules and regulations to prevent fraud and protect consumer data. This course is designed for the executives, senior leaders and the management team.

Expertise Level: Intermediate
Duration: 60 Minutes

Course Curriculum | 15 Trainings

	Compliance with Laws and Regulations
	Payment Card Industry Data Security Standard
	General Data Protection Regulation
	Anti Money Laundering & Know Your Customer
	IT Security Basics
	Security Policy Framework
	The CIA Security Triad
	Classification
	Data Retention
	Destruction and Sanitization
	Risk Assessments
	Risk Management Concepts
	Personnel Security
	Disaster Recovery
	Vendor Risk Management




GDPR Practitioner

The training course focus on on General Data Protection Regulation (GDPR) that came into effect on 25 May 2018 and changed the European privacy landscape. Include wide range of scenarios & practical tools.

Expertise Level: Advanced
Duration: 5 Days | Instructor Led

Course Curriculum | 5 Modules

	Privacy & Data Protection Fundamentals
	Privacy Governance structures
	Stakeholder Engagement & Operations Mgmt
	Third Party Management
	Security controls, techniques & privacy mgmt.



HIPAA Security and Privacy

The training course targeted to end users which are designed by HIPAA security Professionals to meet the requirements of HIPAA and covers threats to data security and the processes that exist for dealing with a data breach.

Expertise Level: Intermediate
Duration: 60 Minutes

Course Curriculum | 5 Trainings

	Introduction to HIPAA and Patient Privacy
	HIPAA Overview
	Complying with HIPAA
	Confidentiality Agreements
	Marketing and Promotion under HIPAA
	Course Test



Getting Access

Access is available to organizations we have signed an agreement with

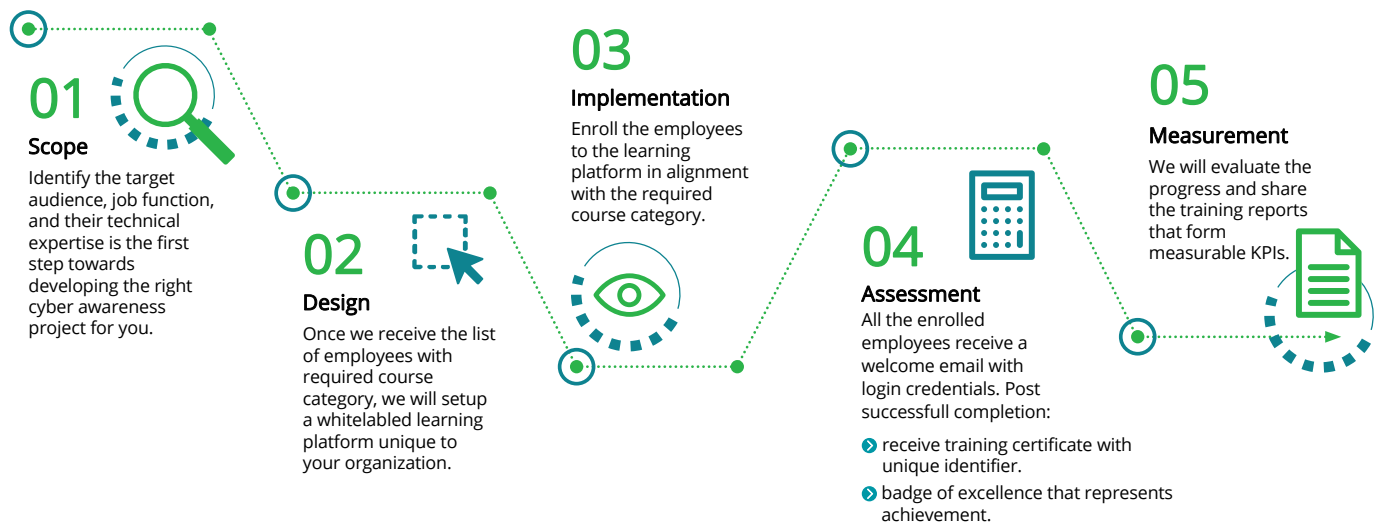
Hosting has been designed to respond to different training platform needs. On selecting the user access option, the digital training can be:

- deployed into client learning management systems as part of staff training requirements; or
- hosted on the E Com Security Academy learning platform where academy will support user rights management and administration.

Seventy-nine percent of organizations say adoption of cyber awareness trainings make themselves more secure, vigilant, and resilient when faced with cyberthreats.

E Com Security Solutions 2020 Global Human Capital Trends Report

Figure 1. Training Management Approach



Our Core Principles



Innovative approach

The Academy applies up-to-date training methods and techniques, including business games, simulations, and interactive visualization. The training has no PowerPoint slides and long complicated questionnaires - but an intuitive e-learning portal with videos and tests, where everyone can participate.



Efficiency

The training program will be managed by dedicated project management professionals who stand ready to support, manage and guide beyond the training programs. To make the training programs as effective as possible, we work from a desire to create a deep understanding of your organisation and culture.

Learning Format

e-learning programs designed to foster security awareness and build technical expertise



Employee Onboarding - Security Awareness

The e-learning courses designed to provide employees with real-time experience on a wide range of cybersecurity and data privacy concepts to help them familiarize with industry-standard methodologies from anywhere using their laptop, phone, tablets etc. The following are the key benefits:

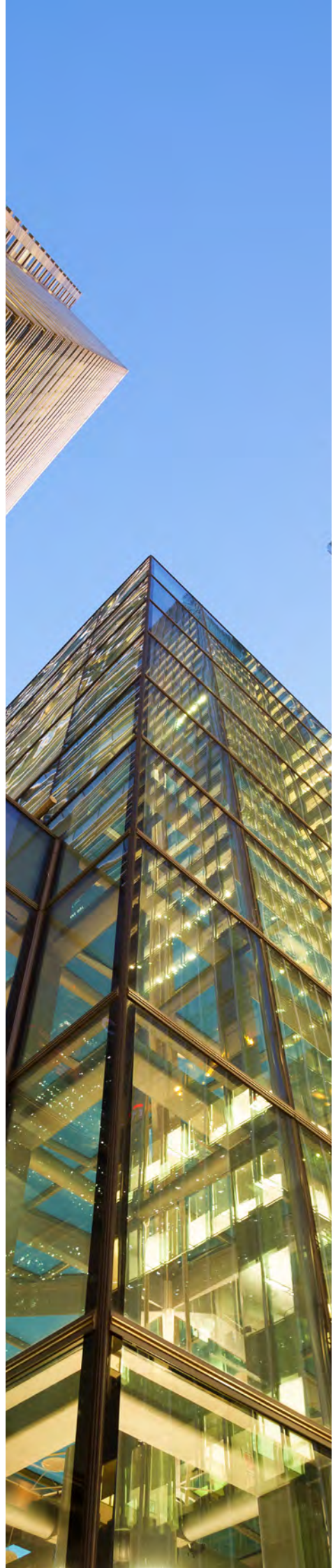
- Courses based on live industry cases from industry practitioners of E Com Security Solutions
- Professional certification by E Com Security Academy
- Develop and embed a mature cyber risk culture



Employee Upskill - Build Expertise

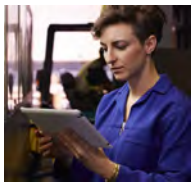
The e-learning courses specialized to build expertise on cyber security skills, and plan other initiatives needed to effect digital transformation successfully. The trainings also prepare employees for qualifications such as Certified Information Systems Auditor (CISA), and Certified Information Systems Security Professional (CISSP).

- Develop your employees professional knowledge and skills on cybersecurity and dataprivacy
- Stay informed on global laws and regulations
- Stay up-to-date on new and innovative managerial practices on security governance.
- Continuous development on best practices and procedures for managing privacy, security, and risk



Training demos

Watch videos to learn about methods and techniques used in the e-learning courses



Real-life scenerio demo: Social engineering

Training demonstration on how cyber criminals gain trust to steal personal information.

[Watch Video >>](#)



Training demo: Cyber security - best practices

Training demonstration on best practices for computer security.

[Watch Video >>](#)



Real-life scenerio demo: Remote access security risks

Training demonstration on general security risks working remotely.

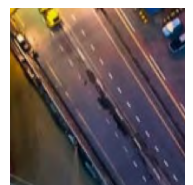
[Watch Video >>](#)



Training demo: Computer and hardware policies

Training demonstration on security policies related to computer and other hardware.

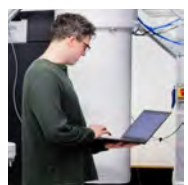
[Watch Video >>](#)



Real-life scenerio demo: Email Phishing

Training demonstration on phishing scenerio to steal personal information.

[Watch Video >>](#)



Training demo: Security and Digital collaboration

Training demonstration on secure collaboration using digital tools.

[Watch Video >>](#)



Training demo: Privacy Considerations

Training demonstration on privacy concerns to organizations.

[Watch Video >>](#)



Training demo: Disaster Recovery

Training demonstration on disaster recovery and business continuity.

[Watch Video >>](#)

Innovate Learning

We work collaboratively with our network of partners to design creative and executable solutions that contribute to the achievement of the Sustainable Development Goals (SDGs). To this end, we can draw on decades of experience serving both the public sector and commercial enterprises, while utilising the breadth and depth of world-class capabilities that E Com Security Solutions have to offer.

Contact us

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About E Com Security Solutions

E Com Security Solutions is a big 4 cyber security firm, with over 4000 clientele world-wide across 20 industries and in over 150 countries. E Com Security Solutions' provide Compliance, Application Security, Infrastructure security and advisory services through the cloud, managed security services and software that help clients protect their most important assets from evolving cyber threats. As the global professional services and consulting network, with over 300 security consultants world wide, E Com Security Solutions brings world-class capabilities and high-quality service to clients, delivering the insights they need to address their most complex business challenges.

About E Com Security Academy

E Com Security Academy is the wholly owned subsidiary of E Com Security Solutions, and is an on demand 24/7 e-learning platform for cyber Security, ethics, data privacy and regulatory training courses for members to develop and embed a mature cyber security culture within organization. At E Com Security Academy, our passion is to help find the best ways to extend your professional knowledge. We are always developing new and improved learning solutions for individual learners and the wider corporate audience. The course content is designed and delivered by niche cyber security experts and instructors of E Com Security Solutions for all levels within the organization including C-suite.