

# Training Programs

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## Live Attacks Run by Real-Life Hackers

Training your team on real-life cyberattack situations is the most impactful way to test their skills and qualify them to handle a cyberattack.

Run by ex-intelligence experts, our realistic training, gives your teams the opportunity to improve their teamwork and collaboration skills, and to receive feedback about their performance; once they have completed the training exercise, they will engage with the Red Team hackers who just trained them, who will share their offensive strategies, prioritize any weak points that have been revealed, and advise on how performance can be improved.

## Tailored to your Business DNA

Because no two organizations are exactly the same, we tailor your training solution to meet your exact needs, reflecting your security and technology configuration, and the precise threat model that you face.

Building a relevant, made-to-measure training program from our extensive set of cyber threat and attack scenarios, we offer a training portfolio that answers the security trends that our experts have identified as being most critical to you. By tailoring each program to your organization, we ensure that your investment optimizes the performance of your people - the most crucial, risky and costly security resource in your organization.

# Training Programs

## The OT Experience

A cyberattack on your operational technology - the hardware and software that monitors and controls how physical devices perform - can be devastating to your entire organization. Cybergym's game-changing OT training demonstrates complex cyberattacks on these critical assets, giving your personnel the skills they need to identify, contain and mitigate a diverse range of attack scenarios on industrial control systems.

Developed in collaboration with the IEC, Israel's electric company, our OT training is carried out on highly-complex operational infrastructure. Emulating your industrial control system networks, the model covers relevant operational and organizational network infrastructures, including OT firewalls, HMIs (human-machine interfaces), PLCs (programmable logic controllers), HVACs (heating, ventilation, and air conditioning) and more.



## Training topics we offer include:

- Complex Cyberattack Experience
- Cybersecurity Awareness Essentials
- Cyber Crisis Management for Executives
- Advanced Forensic Collection
- Essential Incident Response Tactics
- Cyber Threats and Defense Essentials
- Advanced SOC-Intrusion Detection Tactics
- Cybersecurity for External Contractors
- Basic Incident Response for ICS
- Cyber Guardian Certification Program

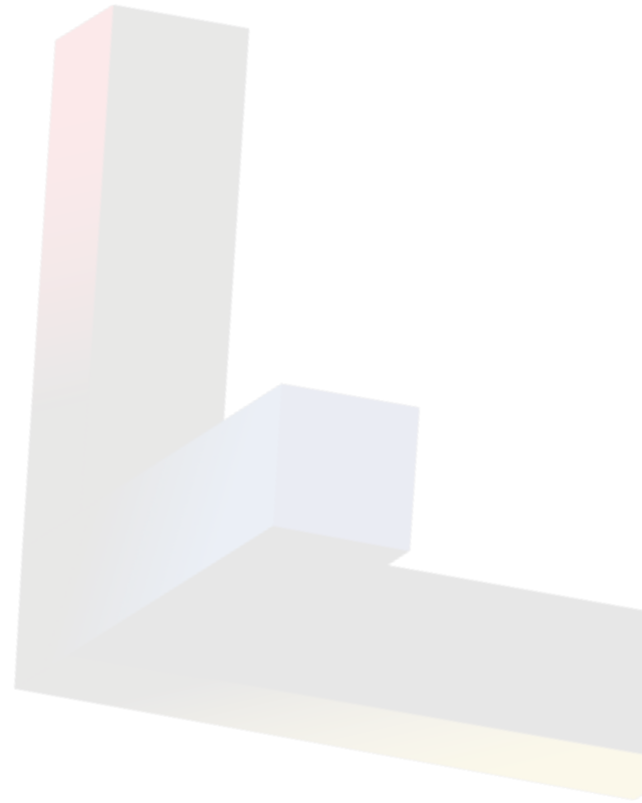


# Training Programs

## Cyber Guardian Certification

Give your IT professionals a comprehensive body of knowledge, hands-on experience and live training, covering all the elements they need in order to successfully protect your organization from any cyber event.

Cybergym will turn your IT team into the cyber trustees of your organization, trained to provide a quick and effective response to any cyber event that may occur. We give them the tools they need to identify, contain and handle an attack, while continuously reporting to management and successfully interfacing between internal and external teams, service-providers and decision-makers



From the initial response, through the mitigation process and forensic analysis, your certified Cyber Guardians will gain a full understanding of the event, how to manage it, and any potential impact it may have on the organization's business processes.

# Training Programs

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## Cybersecurity awareness - essentials workshop

Introduction to the key architectural and technological concepts of cybersecurity.

## Security monitoring & management

Tools, concepts and methods used to monitor and manage the network security infrastructure.

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## Network security concepts & methodologies

Key cyber security threats, attack patterns and risks in the cyber world.

## Essential tools for cyber investigation

Professional tools to investigate an incident, collect initial evidence, and extract the required information for use by the incident response team.

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## Incident response principal tactics

Tools, skills and work methods utilized by an incident response team.

## Cyber crisis management

Skills and concepts required for successful management of a major cyber incident, based on best practices and actual case studies.

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## Ethical hacking & penetration testing principles

Principles, methodologies and tools for ethical hacking and penetration testing.

## Secure software development a basic introduction

Principles for designing secure software architecture and developing secure code, utilizing known practices and techniques.

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## Overview of cyber basics

Internal processes, mechanisms and stages of malware execution; hands-on experience in collecting evidence and performing a forensic investigation.

## Cyber Guardian Certificate of Completion

Participants will be skilled and qualified for the role of real-life Cyber Guardian.



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## About Cybergym

Cybergym provides tailored cyber-training solutions and value-added service to organizations around the world. With the most relevant threat model and a technological environment configured to your technological setup, we make sure your people gain the experience they need, as individuals and as a team. CYBERGYM further qualifies your general workforce and executives, delivering an all-inclusive, organization-wide solution.

Founded in 2013 by experienced veterans of Israel's prestigious intelligence organizations, Cybergym gives you peace of mind knowing that your teams are always ready, and cyber investments are maximized.

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