



CYBER RANGES

LiveFIRE XC Training and Simulation

The unique
Cyber Security
eXperiential Course
for Individuals
and Teams

TRAIN

PRACTICE

RESPOND

INTERMEDIATE / ADVANCED



IS 616580





LiveFIRE XC

POWERED BY NEXT-GEN **CYBER RANGES**
TECHNOLOGY

The digital transformation of communities, nations, industries, and firms relies on a competent cyber security workforce in order to tackle cyberattacks, including cyber fraud, rogue-State threats, espionage, hacktivism of all sorts.

Incident response teams and SOC analysts need to keep their **knowledge, skills** and **abilities** up to date with regard to the most relevant and current threats, in order to improve incident handling, teamwork, compliance, workflows, run-book usage, and other organizational capability.

LiveFIRE XC is a focused, 2-day, online, experiential, crash course that offers participants, already at intermediate/advanced level, the following opportunities:

- to have access to a simulated infrastructure containing a number of systems, processes and applications as likely to be found in a typical corporate environment;
- to experience the latest cyberattacks, which will be detonated through the CYBER RANGES Injector Engine, reproducing both the cyberattacks and the associated Indicators of Compromise (IoC);
- to be trained on how to detect, prepare for and respond to the simulated attacks;
- to receive an expert after-action review and debriefing about the sample solution;
- to be provided with an opportunity to further discuss with peers and experts about the response to similar security incidents.

This is a unique opportunity for you to experience and handle a wide range of cyberattacks, while equipping you with the ability to sharpen your competence in detecting, investigating, mitigating and recovering from cyber events.



Course Director

Dr. Al Graziano is the CEO and Co-Founder of Silensec and an international field-hardened expert in large-scale cyber exercises.

Dr. Graziano has led on the ECSO* research on cyber ranges and authored the recent ECSO Paper on "Understanding Cyber Ranges, From Hype To Reality".

Silensec is also a Partner of the Global Cyber Alliance (GCA), based in NY, London and Brussels and focused on cooperation between industry and government in tackling cybercrime.

* European Cyber Security Organisation



LiveFIRE XC is delivered by our top-class simulation training instructors on our best-of-breed next-generation IT/OT simulation platform CYBER RANGES.

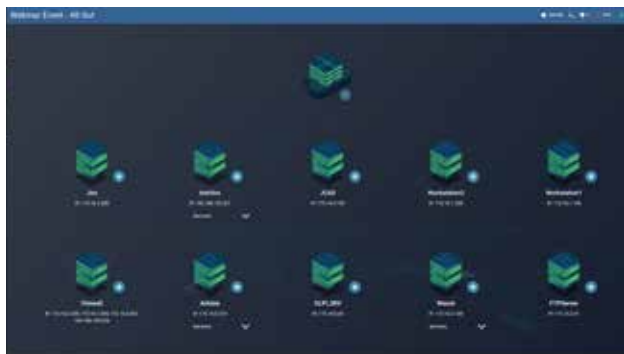




LiveFIRE XC

Training and Simulation

Solving the skills shortage in a time of growing cyber threats is one of the top priorities for Chief Information Security Officers. Add to the challenge the fact that most positions require advanced skills and on-the-job experience, and it is obvious why more and more organizations are leaning on cyber ranges as a way to overcome the growing capability deficit and prepare for the threats of tomorrow.



1 Training Set Up CREATE

LiveFIRE XC gives participants expert advice on key concepts, tools, and best practices of cyber security defence. Knowledge is enhanced by hands-on practice to boost participants' experiential learning.



2 Scenario Running SIMULATE

LiveFIRE XC offers participants the experience of live cyber attacks from the latest threat intelligence. Cyber attacks are safely and dynamically detonated in CYBER RANGES.



3 Performance MEASURE

As an organization's digital infrastructure evolves, cyber security professionals need to work smart to maintain their competence and muscle memory. We at CYBER RANGES are here to help you.



4 Validation ASSESS

CYBER RANGES provides a comprehensive set of granular metrics to validate participants' performance against NIST NICE and other criteria for the purposes of gaps analysis, technology validation, and overall cyber resilience.



LiveFIRE XC is delivered **online** over 2 (two) days via our next-gen CYBER RANGES platform:

DAY 1

Tools and Methodologies for Incident Response and Threat Hunting

The participants will be prepared for live attack simulations. The participants will be given access to a realistic corporate environment, which they have to defend.

- ▶ Introduction to the target environment
- ▶ Incident Response Process
- ▶ Threat Hunting Tools and Methodologies
- ▶ Cyber Threats and Threat Actors
- ▶ MITRE ATT&CK® Framework

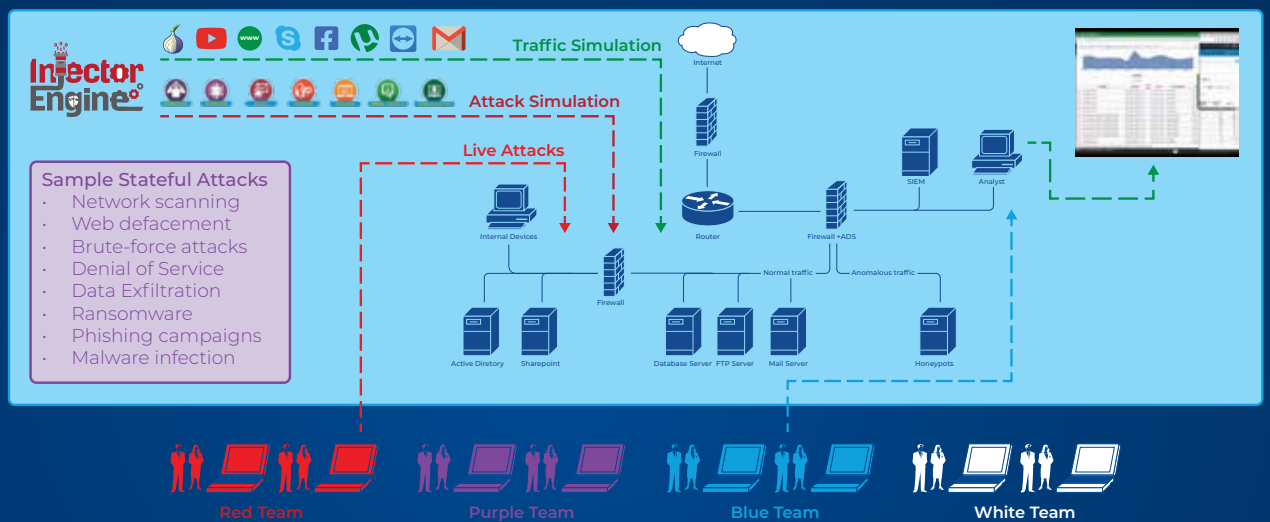
DAY 2

LiveFIRE Attacks

The participants will experience a number of cyberattacks simulating different threat actors with different motivations and capabilities. Different attacks will be simulated addressing different stages of the MITRE ATT&CK framework.

- ▶ Phishing attacks and Business Email Compromise
- ▶ Ransomware attacks
- ▶ Driveby malware
- ▶ Data exfiltration
- ▶ Insider Threats

On completion all the participants will receive a confidential individual performance report and a personal LiveFIRE XC Certificate of Completion.



Regional Training Editions on a Regular Calendar

Europe, Africa, GCC, Asia-Pacific, Americas

Custom-specified Training Editions on Request

for Organisations and Industry Associations

LEARN MORE BY VISITING
cyberranges.com/train-and-certify

About Us

CYBER RANGES by Silensec is the globally recognized next-generation simulation platform for developing cyber capabilities through continuous, deep-dive, interactive user experiences.

With an experienced team, a robust technology set-up, and an ever-improving platform, the CYBER RANGES vision is to become the cyber range of choice for realistic, hands-on cyber security dexterity, capability, and resilience development.

CYBER RANGES provides its customers with a suite of tools that deliver highly realistic simulation scenarios and increase the precision, variety and interactivity of training, cyber exercises and technology validation.

CYBER RANGES performs live simulations of real IT/OT environments and helps cyber professionals progress in crisis situations in terms of intrusion, detection, network protection and incident response.

CYBER RANGES facilitates the testing of new products or configurations, as required in the development of advanced security systems to combat cyberattacks, which are increasing in both frequency and complexity.

The CYBER RANGES cloud-technology based platform, both online and on-prem, enables users to conduct training and exercises, even of large scale and great complexity, at any time and from anywhere in the world.

Silensec is an international ISO 27001-certified information and cyber security company with offices in the USA, Canada, Cyprus, Kenya, and the UK. Awarded the "Cybersecurity Made in Europe" seal for strategic-value contributions to cybersecurity, Silensec is an active member of the European Cyber Security Organization (ECSO) and the Global Cyber Alliance.



A proud Partner of



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