

M4 Security Operations

Part of the CyberAgent Training Programme, more info at CyberAgent.eu

OBJECTIVES

- Manage cybersecurity operations confidently.
- Efficiently monitor, detect, respond to and recover from cybersecurity incidents.
- Apply industry-standard tools and best practices specifically tailored for SMEs.

CHARACTERISTICS

Languages

Available in English, Finnish, Turkish, Norwegian, Lithuanian, Romanian, French, Polish, Spanish.

Duration & Workload

Live Training: 20 hours

Individual study: 60 hours



**FULLY ONLINE
OR BLENDED**



**3 ECTS
CREDITS**

POWERED BY



WHAT YOU WILL LEARN



This training will equip learners with skills and knowledge for effectively managing security operations within ICT infrastructures. Trainees will learn how to monitor, detect, and respond to cybersecurity incidents using SIEM (Security Information and Events Management) and relevant tools tailored to SME workplaces.

TRAINING CONTENT



Security Operations Fundamentals

1

Learn the essentials of Security Operations Centres (SOC); Understand key roles and responsibilities; Gain insights into tools and technologies through practical examples.

Security Convergence

2

Integrate physical and digital security; Protect physical assets effectively; Explore real-world convergence case studies

Security Information and Events Management (SIEM)

3

Master security monitoring principles; Implement and manage SIEM solutions; Configure logs and alerts ; Utilize threat intelligence effectively

Security Operations practices

4

Optimize log collection and identify critical data sources; Centralize alerts with SIEM systems; Validate and test SIEM effectiveness practically

Assessment

Self-assessment: 40%

Final knowledge test: 60%