Master Class: SOC – Security Operations Center – Hands On Cyber Attack Simulation (MCSOC)

ID MCSOC **Price** on request **Duration** 5 days

Who should attend

Executives, managers and auditors for IT and information security, employees from the areas of IT and information security.

Prerequisites

The Master Class does not require specialized knowledge of specific technologies. Knowledge of IT security principles and information security management should be present.

Course Content

Malware

- Current cyber threat situation and known incidents
- Introduction to function and analysis of malware
- Practice: Use of tools for malware analysis

SIEM, Level 1

- Security Information and Event Management (SIEM) Introduction
- SIEM architectures
- Introduction Security Incident Management (SIM)
- Practice: Use of Splunk and predefined rules for attack detection

Management of cyber crises, Level 1

- Good and bad examples
- Core process for crisis management
- Situation center and situation pictures
- Practice: Managing a serious cyber incident

Network forensics

- Recap: TCP/IP protocol family
- Secure network architectures
- Introduction to protocol analysis tools
- Practice: Detecting network-level attacks

SIEM, Level 2

- Practice: Creating your own rules based on attacks

SOC Management and Reporting

- SOC processes and roles
- Practice: SIM process creation
- KPI reporting

Management of cyber crises, Level 2

- Introduction to TIBER-DE
- Crisis communication
- Practice: Creation of own cyber crisis exercises

Team exercise

- Joint defense of a realistic cyber incident from detection to management

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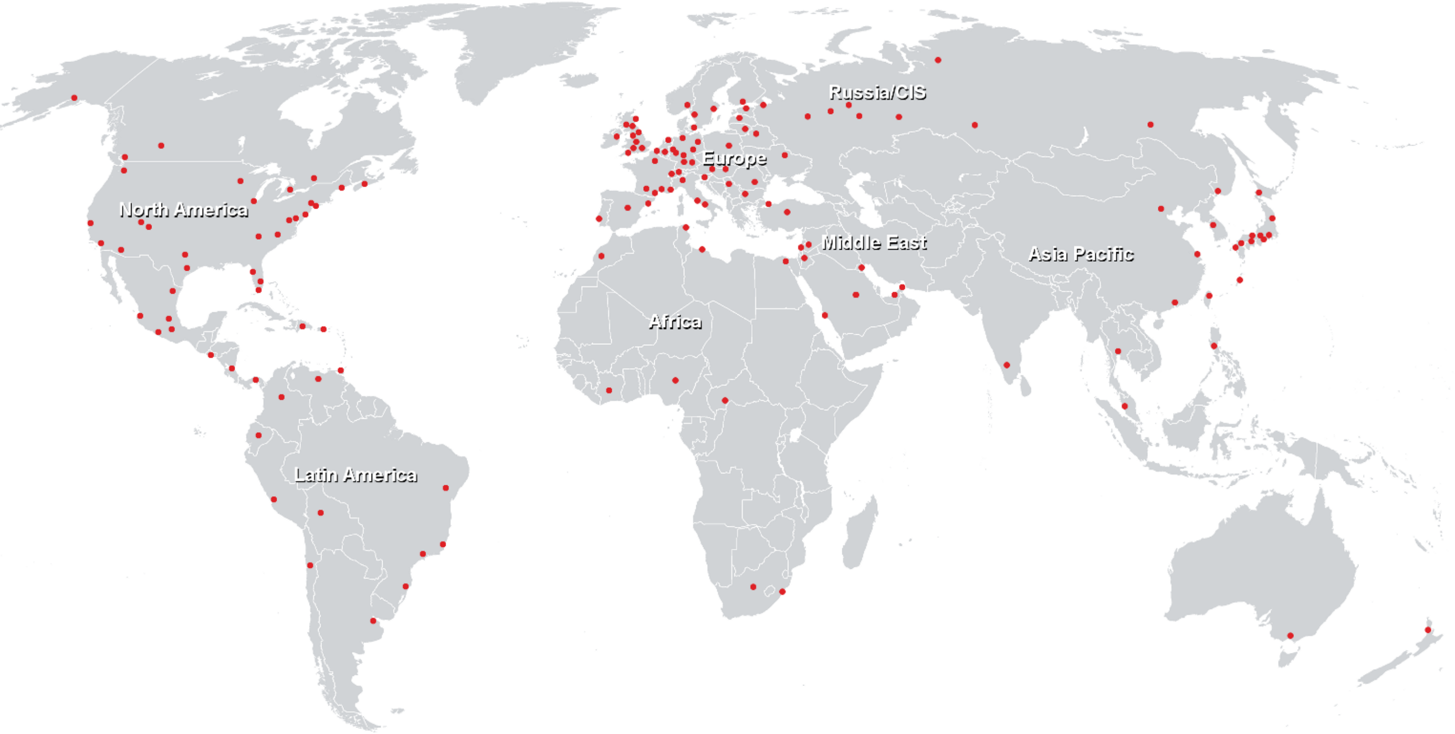
Training Centres worldwide



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