

Cyber Security Risk Assessment & Management

Amsterdam (Netherlands)

2 - 6 September 2024

UK Training

PARTNER



Cyber Security Risk Assessment & Management

Code: IT28 From: 2 - 6 September 2024 City: Amsterdam (Netherlands) Fees: 4700 Pound

Introduction

This Cyber Security Risk Assessment and Management course will teach you how to conduct a security risk assessment to protect your organisation. You will learn about the laws and regulations that impose strict cyber security requirements on all organisations, and gain the skills to develop a compliance assessment plan and employ a standards-based risk management process while maintaining a satisfactory security posture. Attendees should have a basic knowledge of business processes and technology concepts. No specialised technical knowledge is assumed

Course Objectives:

- Implement standards-based, proven methodologies for assessing and managing the risks to your organization's information infrastructure
- Select and implement security controls that ensure compliance with applicable laws, regulations, policies, and directives
- Extend security protection to Industrial Control Systems ICS and the cloud

Risk Assessment and Management Course Outline:

Day 1

Introduction to Risk Assessment and Management

- Ensuring compliance with applicable regulatory drivers
- Protecting the organisation from unacceptable losses
- Describing the Risk Management Framework RMF
- Applying NIST/ISO risk management processes

Characterising System Security Requirements

Defining the system

- Outlining the system security boundary
- Pinpointing system interconnections
- Incorporating the unique characteristics of Industrial Control Systems ICS and cloud-based systems

Identifying security risk components

- Estimating the impact of compromises on confidentiality, integrity and availability
- Adopting the appropriate model for categorising system risk

Setting the stage for successful risk management

- Documenting critical risk assessment and management decisions in the System Security Plan SSP
- Appointing qualified individuals to risk governance roles

Day 2

Selecting Appropriate Security Controls

Assigning a security control baseline

- Investigating security control families
- Determining the baseline from system security risk

Tailoring the baseline to fit the system

- Examining the structure of security controls, enhancements and parameters
- Binding control overlays to the selected baseline
- Gauging the need for enhanced assurance
- Distinguishing system-specific, compensating and non-applicable controls

Day 3

Reducing Risk Through Effective Control Implementation

Specifying the implementation approach

- Maximising security effectiveness by "building in" security
- Reducing residual risk in legacy systems via "bolt-on" security elements

Developing an assessment plan

- Prioritising depth of control assessment
- Optimising validation through sequencing and consolidation
- Verifying compliance through tests, interviews and examinations

Formulating an authorisation recommendation

- Evaluating overall system security risk
- Mitigating residual risks
- Publishing the Plan of Action and Milestones POA&M, the risk assessment and recommendation

Day 4

Authorising System Operation

Aligning authority and responsibility



- Quantifying organisational risk tolerance
- Elevating authorisation decisions in high-risk scenarios

Forming a risk-based decision

- Appraising system operational impact
- Weighing residual risk against operational utility
- Issuing Authority to Operate ATO

Day 5

Maintaining Continued Compliance

Justifying continuous reauthorisation

- Measuring impact of changes on system security posture
- Executing effective configuration management
- Performing periodic control reassessment

Preserving an acceptable security posture

- Delivering initial and routine follow-up security awareness training
- Collecting on-going security metrics
- Implementing vulnerability management, incident response and business continuity processes



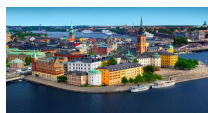
Blackbird Training Cities

Europe

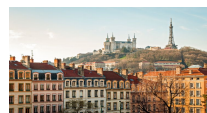
izmir



Podgorica (Montenegro)



Stockholm (Sweden)



Lyon (France)



Copenhagen (Denmark)



Bordeaux (France)



Annecy (France)



Oslo (Norway)



Edinburgh (UK)



Glasgow (Scotland)



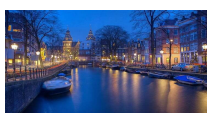
Malaga (Spain)



London (UK)



Istanbul (Turkey)



Amsterdam (Netherlands)



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



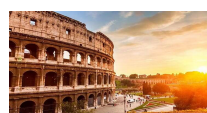
Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



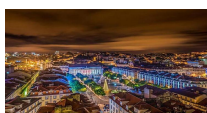
Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Manchester (UK)

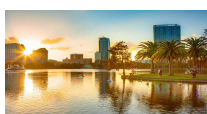


Milan (Italy)

USA & Canada



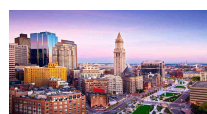
Los Angeles (USA)



Florida (USA)



Online



Boston (USA)



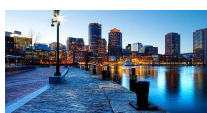
Washington (USA)



Miami (USA)



New York (USA)



Toronto (Canada)



Blackbird Training Cities

Asia



Baku (Azerbaijan)



Maldives (Maldives)



Manila (Philippines)



Bali (Indonesia)



Bangkok (Thailand)



Beijing (China)



Moscow (Russia)
(Malaysia)



Singapore (Singapore)



Sydney (Australia)



Tokyo (Japan)



Dubai (UAE)



Kuala Lumpur



Jakarta (Indonesia)

Africa



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)

UK Training
PARTNER



Blackbird Training Clients



MANNAI Trading
Company WLL,
Qatar



Alumina Corporation
Guinea



Booking.com
Netherlands



Oxfam GB International
Organization,
Yemen



Capital Markets
Authority,
Kuwait



Waltersmith Petroman Oil Limited
Nigeria



Qatar National Bank
(QNB),
Qatar



Qatar Foundation,
Qatar



AFRICAN UNION ADVISORY
BOARD ON CORRUPTION,
Tanzania



KFAS
Kuwait



Reserve Bank of
Malawi,
Malawi



Central Bank of Nigeria
Nigeria



Ministry of Interior
Kingdom of Saudi Arabia
KSA



Mabruk Oil Company
Libya



Saudi Electricity
Company,
KSA



BADAN PENGELOLA
KEUANGAN Haji,
Indonesia



NATO
Italy



ENI CORPORATE
UNIVERSITY,
Italy



Gulf Bank
Kuwait



General Organization for
Social Insurance
KSA



Defence Space Administration
Nigeria



National Industries
Group (Holding),
Kuwait



Hamad Medical
Corporation,
Qatar



USAID
Pakistan



STC Solutions,
KSA



North Oil company,



EKO Electricity



Oman Broadband



UNITED NATIONS
UN.



Authority for

UK Training
PARTNER

Blackbird Training Categories

Management & Admin

Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Refinement

Technical Courses

Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training



International House 185 Tower Bridge
Road London SE1 2UF United Kingdom



+44 7401 1773 35
+44 7480 775526



training@blackbird-training.com



www.blackbird-training.com

UK Training

PARTNER

