Cyber Policy and Standards for OT and IoT
CYBER AND PHYSICAL SECURITY

Designed for
- CISOs, CSOs and risk managers working in cyber and physical security – particularly on the protection of control systems (traditional industrial controls or employing IoT technologies)
- Board Directors and Senior Managers

Benefits of attending
- Understand the nature and role of standards, publicly accessible specifications and codes of practice
- Act upon factors when specifying or implementing standards, both within the organisation and its supply chain
- Make the right decisions to fit the OT and IoT risk and security landscapes and codes of practice for your organisation
- Harness standards to improve compliance and drive performance

Learning Objectives
- Types of standards produced and the lifecycle of a typical standard from concept through to its replacement or revision
- Use of certification to confirm conformance of organisations, processes, products and services to standards - assessment processes and pitfalls
- Determine the right fit cyber security standards, ranging from those produced by international standards organisations to those developed by industry bodies and professional organisations
- Illustrate the selection and use of standards to address security both within your organisation and in your organisation's supply chain
- How to use standards to improve performance and increase effectiveness
- Select standards to deliver internally and through the supply chain
- Intelligent standards and policies for OT and IoT risk
- Practical application on policy and standards in the OT environment

How you will learn
Education includes presentations, case studies, discussion and team exercises. Individual personal review of skills development. Softcopy course take-aways.
Module 1: Nature and roles of standards
Module 2: Understanding testing, validation and verification
Module 3: The security standards landscape
Module 4: Choosing and using standards

Programme Leader

Hugh Boyes FIET CEng, CISSP - divides his time between working as a Principal Engineer at the University of Warwick and undertaking cyber security training and consultancy assignments. Hugh is an industry expert on cyber threats to cyber-physical systems, including those in the built environment, ports and maritime sectors. He has written four guidance documents for the IET covering cyber security in the built environment, ports and vessels. Focuses on the protection of control systems, whether traditional industrial controls or employing IoT technologies. He is the co-author of British Standard's PAS 1192-5:2015 [Specification for security-minded building information modelling, digital built environments and smart asset management] and PAS 185 [Smart Cities – Specification for establishing and implementing a security-minded approach].

Overview

There are a range of security standards available covering organisation, personnel, physical and cyber-security. Understand how the choice of standards and codes of practice can make a significant difference to the success of your organisation, against the backdrop of rapidly changing business and technical environments.

There are a range of existing cyber security related standards, publicly accessible specifications (PAS) and codes of practice. The choice of whether to implement specific standards can have a significant impact on your organisation's costs and performance.

How can we intelligently understand OT risk and attack vectors, and therefore adapt traditional standards and policies designed for industrial controls to an IoT world. What do standards and policies for the emerging industrial and built environment threat landscape look like.

Dates and Cities

13-15 May 2019	London
3-5 June 2019	Amsterdam
1-3 July 2019	Zurich
5-7 Aug 2019	London
2-4 Sept 2019	Dubai
7-9 Oct 2019	Johannesburg
10-12 Dec 2019	London

This course can be run as an In-house or Bespoke Programme

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