CESA – Certified Expert for Security in Automation

Course Accreditation
+ TÜV NORD Certified

TÜVNORD

Expert

Objective

Threats in the form of cyber attacks on a company's industrial environment are constantly on the rise and represent a huge threat, as well as a challenge for OT (operational technology) safety. That's why it's becoming increasingly more important that the availability of plant and machinery can nonetheless be guaranteed. The "CESA – Certified Expert for Security in Automation" qualification is specifically aimed at these challenges.

By applying the standard IEC 62443 correctly, operators, integrators and manufacturers can prove that their industrial automation systems meet modern cybersecurity standards. But what are the specific requirements that need to be met and what must be considered in the implementation? This seminar is tailored specifically to IEC 62443 and will give you the appropriate specialist knowledge.

Contents

- Legal frameworks
  - Introduction to and motivation for cybersecurity in industrial automation
  - Structure of cybersecurity (defence in depth)
  - Difference between IT & OT
  - Requirements of IEC 62443
  - Responsibilities and role allocation in IEC 62443
  - Legal principles and regulatory requirements

Target groups

This training is aimed particularly at manufacturers, integrators and users of industrial automation systems, as well as:

- Plant engineers/project engineers
- Information security officers (ISO)

Prerequisites

Admission as a "CESA – Certified Expert for Security in Automation" assumes professional experience and basic knowledge of the specialist field. Unsure whether your current qualifications meet the required level? Feel free to get in touch with us. We will be happy to advise you personally and show you potential alternatives.

Note

The seminar includes a multiple choice test. When you pass the test you will receive the TÜV NORD certificate for "CESA – Certified Expert for Security in Automation", which is recognised worldwide. The certificate is valid for four years and then can be extended for another four years by taking part in a recertification.

Benefits to you

+ Learn the correct application and implementation of the standard IEC 62443 with regard to cybersecurity standards
+ Management of the risk arising from the networking and application of IT and OT in the production hall
+ Assess and optimise your existing plant with regard to cybersecurity

In partnership with:

TÜVNORD

Note: *Most Pilz UK courses, including this one, can be hosted at external locations. Travel expenses for the trainer would be included in the cost.*

Course Details:

Duration:	**2 days**
	9:00 – 17:00
Fee:	**£1,375+ VAT** per person[1)]
Number of participants:	Up to 8

Test required

[1)] Includes the TÜV examination fee and the issuing of the certificate