



G-Cloud 15

OT – TRAINING – EDUCATE

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INTRODUCTION

Thales' OT Cyber Security Training focuses on developing the people and organisational capability required to manage risk in cyber-physical environments.

Our NCSC-assured, OT102 Cyber Security Training, is a two-day technical and awareness-level course designed to upskill operational staff, engineers and leaders on the foundations of OT Cyber Security. Delivered in-person, at our Thales Ebbw Vale facility, by the Cyber Innovation Hub (CIH). Training incorporates both lecture-style content and interactive sessions grounded in real-world OT risk scenarios. Training can also be delivered remotely.

SERVICE DESCRIPTION

Features

- NCSC-accredited OT cyber training curriculum
- Instructor-led delivery by experienced practitioners
- OT-specific content aligned to industrial and CNI environments
- Real-world OT incident case studies
- Coverage of recognised frameworks and standards, including IEC 62443, NIS / CAF
- Delivered within a dedicated OT training environment at Thales Ebbw Vale

Benefits

- Improves baseline OT cyber awareness across technical and operational teams
- Reduces misunderstanding between cyber, engineering and operations functions
- Supports regulatory compliance and audit readiness
- Builds confidence in identifying and escalating OT cyber risks
- Establishes a shared language and understanding across the organisation

Use Case

- Upskilling engineers, operators or maintenance teams on OT cyber risk
- Preparing teams for regulatory assessment or internal audit
- Cross-training IT or cyber teams to understand OT environments
- Establishing a baseline prior to assessments, solution deployment or exercising

DETAILED SERVICE OVERVIEW

Across industrial and critical national infrastructure (CNI) environments, cyber resilience depends not only on technology but on human understanding, decision-making and coordinated response under pressure. Teams must understand how cyber risk manifests in OT systems, how incidents affect safety and availability and how to respond effectively in complex, time-critical situations.

Thales and Cyber Innovation Hub (CIH) offer our NCSC-accredited, two-day, training course. Designed to provide participants with a clear, practical understanding of cyber risk in industrial, operational technology (OT) environments. The instructor-led training is delivered in person at our Thales Ebbw Vale facility and is grounded in real OT systems, architectures, incidents, and safety considerations.

Outcomes

Improved organisational capability to understand, manage and respond to cyber risk in OT environments.

Delivery Approach

The OT Training covers the following topics over two days:

DAY 1:

- Introduction to OT & Cyber Risk
- ICS Architectures & Attack Surface
- Threats to Safety & Availability

- Case Studies: Stuxnet, Colonial Pipeline, Triton

DAY 2:

- Security Controls & Frameworks (IEC 62443, NIS2, CAF)
- Incident Response in OT Context
- OT Risk Management & Common Gaps
- OT Network Zones & Best Practices
- End-of-course Test and Q&A

At the end of the course, participants will receive a handbook and NCSC accredited certificate.

THALES OT PRODUCT SUITE

Thales OT Product Suite is a resilience-orientated approach to the through-life management of security & resilience in safety-critical complex OT environments.

The Thales UK, OT Product Suite is a set of products or services that allow flexibility and adaptability to a customer's needs in moving them along their OT journey towards cyber resilience. Figure 1 shows the OT journey to value as an organisation progresses from cyber awareness to cyber resilience maturity: with each column building upon the last.

This service offering forms part of the Thales UK - OT Product Suite and is situated within the 'EDUCATE - VIGILANT' category (outlined in red - Figure 1). This category provides the training and exercising capabilities required as part of a customer journey towards cyber resilience.

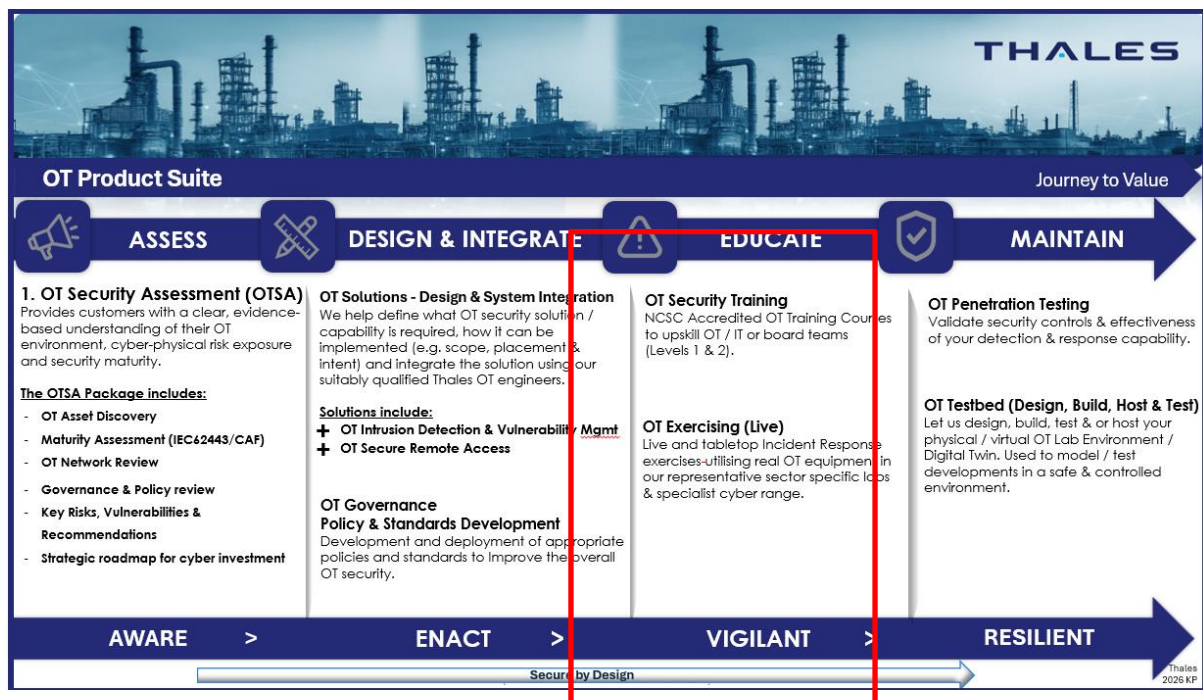


Figure 1 Thales UK, OT Product Suite - Journey to Value with Cyber Resilience

OUR EXPERIENCE AND EXPERTISE

Thales is trusted and relied upon by its customers to ensure that their critical services & infrastructure remain operational, secure and effective; we are a company where security is at the core of all our products and services. Thales designs, builds, delivers and sustains mission-critical information systems and solutions all over the world for government agencies, industry and critical national infrastructure.

ABOUT THALES

Thales in the UK has been harnessing technology to benefit the nation for over a century. Across all walks of life, you will find us securing and protecting every moment. We develop world-leading capabilities to help our customers think smarter and act faster.

Thales collaborate with partners in both government and industry, providing cutting-edge technologies to the civil and defence markets.

Thales has a significant presence across the UK, with locations strategically positioned in England, Wales, Northern Ireland, and Scotland. This geographic reach enables us to effectively support the diverse needs of local communities while contributing to the economic prosperity of all four nations. Our key facilities, along with several customer-facing sites, extend from the South West of England to Glasgow, reinforcing our commitment to regional investment and development.

The most trusted organisations in the world rely on Thales for cybersecurity solutions that keep critical assets safe. With more than 6,000 cybersecurity experts worldwide, our portfolio protects applications, data and identities, including services that close compliance gaps, detect and monitor threats and strengthen defences.

For further information, please see <https://www.thalesgroup.com/en/worldwide/united-kingdom>

