



Grant Agreement Number: 833673

Project acronym: FORESIGHT

Project full title: Advanced cyber-security simulation platform for preparedness training in Aviation, Power-grid and Naval environments



Syllabus

Online Training “Aviation Cyber Training”

Beginner - Intermediate LEVEL



COURSE: Aviation Cyber Training

DELIVERY DATE: 1 session, FEBRUARY 4th 2022, 09:00 – 13:00 (CET)

COURSE DESCRIPTION: The training course is designed to deepen the knowledge of the cyber range and its capabilities. A preliminary overview of the Cyber Range basics and architecture is the basis for the understanding of its capabilities. How to interact with the Cyber Range creating objects, topologies and scenarios is then treated.

The objective is to increase knowledge of the Cyber Range, its configuration and usage and to provide users with the ability to make changes within the platform, including managing and creating objects, topologies and scenarios.

INTENDED AUDIENCE

This training's intended audience is IT, cyber security, and OT personnel with basic knowledge of IT and networks fundamentals.

DELIVERY MODALITY: E-LEARNING CLASS: Webinar + Hands-on

DURATION: 4 hours

SESSIONS: 1 in the morning

PREREQUISITE: Basic knowledge of TCP/IP networking protocol, IT systems and networks administration.

Operational experience of industrial project is welcome.

No maximum number of trainees per session.



CONTENTS

1. Airport Business overview, Focus on airport training and SOC operation
2. SOTA airport threats and cyber attacks
3. Fear events and use case definition
4. FORESIGHT selected training use case
5. Selected demonstration
6. Conclusion on Aviation domain

TRAINING STRUCTURE

The training will be delivered online through Webex software, FORESIGHT environment and Cyber Range.

LEARNING OUTCOMES

The participants will develop knowledge and skills necessary to:

- Catch the challenges of industrial installation safety
- Discover SOC activities and Incident Handling process
- Appreciate Cyber Range opportunity for advanced training needs

