

# H830 – Marine Cyber Security Awareness - Basic Level

The course has been designed to provide participants with basic knowledge of Cyber Security and IT threats in Marine application, in accordance with IEC 62443.

In this course IT infrastructures - ensuring life support, productivity and Owners' specific KPIs - are turning into high complexity systems, where the Awareness and Knowledge of each single crew-member is crucial against Cyber threats and planned attacks.

**Learning objectives:**

Upon completion of this course, the participants will be aware about IT technologies basics, threats, risks and vulnerabilities and the crucial role of the engineer at the Operational Level, who has to prevent infections and IT hacks.

**Contents:**

- Threats, Risks and Vulnerabilities
- Technology Mitigation
- Your Role in Cyber Security

**Methods:**

Interactive Classroom lectures; Webinars.

**Duration:** 1 day

**Student profile:**

IT software engineers, service engineers, vessel engine operators, vessel deck operators, superintendents.

**Prerequisites:**

None

**Venue:**

- All Marine Academy locations
- Customers' premises

**Additional information:**

Minimum 6, maximum 8 participants.

