SAFETY, RISK AND COMPLIANCE

CYBER RISK REDUCTION AND CYBER RISK RATING (CYBER²) PROGRAM

Cybersecurity is now a business imperative as maritime and offshore operations become more digital and information technology (IT) converges with operational technology (OT) systems. The ABS Group Cyber Risk Reduction and Rating (Cyber²) Program helps shipyards, marine and offshore owner/operators and shoreside terminal operators to assess, understand and control cyber risk for more secure and compliant OT assets.

Comprehensive Cybersecurity Solutions

Our portfolio of Cybersecurity and Risk Management services reduce cyber risk with comprehensive IT and OT capabilities at every stage of your Cyber Defense Program.

Depth and Breadth of Cyber Experience

We have deep domain expertise across a range of asset types and facilities in the maritime, energy and government sectors:

- **33% TANKERS**
- **29% CARGO**
- **19% OFFSHORE**
- **11% GOVERNMENT**
- **8% PORTS**

Security by Design for operational technology

ABS Group is working across the marine and offshore industries to implement security as early in the design, development and construction process as possible. This will make cybersecurity a consistent and integral part of operations from the beginning.
Award-Winning FCI Cyber Risk Model

The ABS FCI Cyber Risk™ Model was developed following a two-year research contract between ABS and the Maritime Security Center—a U.S. Department of Homeland Security Center of Excellence—led by Stevens Institute of Technology and the U.S. Department of Defense. Launched in June 2018, the ABS FCI Cyber Risk approach quantifies cybersecurity risk and gives owners and operators a practical, actionable strategy to reduce cyber risk onboard a vessel.

A Growing Threat Impacting OT Assets

Ponemon Institute surveyed 2,410 IT and OT security practitioners worldwide and concluded that current approaches to understanding cyber risks to business operations are failing to help organizations minimize and mitigate emerging and growing threats. We believe a comprehensive cybersecurity program is a business imperative to address the following concerns affecting operators today.

### UNDERSTAND YOUR RISK

50%

Respondents experienced an attack against OT infrastructure which resulted in downtime to the company’s plant and/or operational equipment in past 24 months.

### REDUCE YOUR UNCERTAINTY

49%

Respondents say downtime of OT systems is the highest factor used when quantifying their organization’s overall cyber risk.

### NEED FOR EXPERTISE

59%

Respondents agree organizations must prioritize cybersecurity and improve ability to keep up with the sophistication and stealth of cyber attackers.

*Study: Measuring & Managing the Cyber Risks to Business Operations*

Source: Tenable and Ponemon Institute, December 2019

Discover our Cyber Risk Management services and learn more about cybersecurity for OT systems.

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