Ahead of the Tide: Ensuring IACS Compliance with GFI Software

The International Association of Classification Societies (IACS) is a non-governmental technical organization consisting of 13 major international classification societies that classify and certify ships and offshore structures. IACS members classify over 90% of the world's cargo-carrying tonnage and set technical standards and rules for the design, construction, and maintenance of maritime assets. It aims to promote maritime safety, standardization, compliance verification, and cooperation through its relationship with regulatory bodies like the International Maritime Organization.

The new E26 and E27 requirements

- Apply to computer-based systems on board ships and offshore assets that are classed by IACS members.
- Cover IT (information technology) and OT (operational technology) systems involved in functions important to the safety and environmental performance of ships.
- Mandatory for new builds contracted for construction on or after July 1, 2024.

UR E26 - Cyber Resilience of Ships

- Focuses on the ship as a collective entity, including networks, systems integration, policies, procedures, etc.
- Aims to provide a framework and technical capabilities for cyber risk management through all stages - design, construction, operation.

UR E27 - Cyber Resilience of Onboard Systems/Equipment

- Targets specific onboard systems like propulsion, steering, power control, etc.
- Defines security requirements for identification, protection, detection, response and recovery.
- Aligned with standards like IEC 62443 for industrial automation and control systems.

How GFI Software can help

LanGuard

- Provides continuous vulnerability scanning and patch management to protect networks from cyber threats.
- Automates deployment of missing patches across endpoints to improve security posture.
- Offers centralized visibility into all devices on networks for improved risk management.
- Helps demonstrate compliance with regulations including PCI DSS, HIPAA, and more.

ClearView

- Delivers real-time network monitoring with interactive analytics for attack detection.
- Enables swift response to cybersecurity incidents through alerts and remediation.
- Supports recovery through improved situational awareness and visibility.
- Assists in achieving compliance with regulations like IACS URs E26 and E27.

With GFI LanGuard and GFI ClearView, maritime companies can effectively meet the cyber resilience goals outlined in IACS URs E26 and E27. These solutions provide the necessary capabilities for identification, protection, detection, response, and recovery - helping to reduce compliance risks and costs.