



Pendragon™

THE 2021 INTERNATIONAL MARITIME ORGANIZATION (IMO) STANDARD

Developments in connectivity and the transfer of data in greater volumes between ship and shore continue to bring significant gains for fleet management efficiency and crew welfare, but they also increase the vulnerability of critical systems onboard vessels to cyber-attacks.

As a result, the IMO has introduced its 2021 Cybersecurity Requirement Standard, it is now the responsibility of the ship owner/manager to:

- KNOW WHAT YOU HAVE**
Establish and record all the systems (ICT and Technical) used on your ships (including make, model, version, software updates, supplier, etc.).
- DEFEND WHAT YOU HAVE**
Ensure that steps are being taken to harden ICT and Technical systems against cyber threats.
- BE ABLE TO RECOVER**
Workarounds and recovery processes must be in place for ICT and Ship's systems, with crews trained and at least Yearly Incident Drills for Cyber Security.



PENDRAGON: YOUR PATH TO CYBERRESILIENCE

Pendragon™ is the all-in-one solution that exceeds the 2021 IMO Standard. It empowers end users with total network visibility and command through an intuitive, easy-to-use hardware interface. It allows you to go beyond compliant and achieve the certainty that your IT, operating technology systems, and crew are proactively monitoring and anticipating cyber-attacks and are prepared to resolve issues quickly should a system be compromised.

WITH PENDRAGON

- YOU KNOW WHAT YOU HAVE**
Pendragon provides the ability to know and monitor activity across all networks and systems down to individual devices.
- YOU CAN DEFEND WHAT YOU HAVE**
Pendragon enables you to see threats to your networks and systems so that you can anticipate and quarantine them before they become a problem.
- YOU CAN RECOVER QUICKLY**
Pendragon allows you to put processes in place to quickly restore critical systems and operational data when systems are compromised. And by working with the Isotropic team, crew members can undergo advanced on-site and remote training to be able to learn how to anticipate and address issues before they happen.



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