

SUMMARY OF PRESENTATION

Key Strategies For Strengthening Maritime Cyber Security

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The maritime industry is digitalising rapidly. Against the backdrop of global economic outlook and trade uncertainties, the maritime industry's digital transformation is intensifying, tapping on various technologies to drive greater efficiency, safety and sustainability.

Inadvertently, the push for digitalisation will witness new innovations, advanced solutions and digital systems being introduced that are more inter-connected. In tandem, there are growing concerns of cyber-attacks on these systems. Cyber-attacks can disrupt port operations, resulting in financial losses and reputation damage. In extreme cases, it might compromise safety and result in the loss of lives. So how do we ensure that new systems can address these cybersecurity risks?

This presentation will focus on a holistic and practical approach to managing cybersecurity risks in the maritime industry. With the prevalence of sophisticated and complex cyber threats, the paradigm needs to shift from a reactive to a proactive cyber defense. A broad perspective of the challenges and approaches will be discussed. This include efforts on international and national fronts as well as best practices in cyber risk management, cultivating a strong cybersecurity culture and building detection and response capabilities to advanced and evolving threats.