Ships at Sea: More Ways to Hack Them

By Bill Conlon

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A recent shipping security report from NAPA and SNAME highlights the weaknesses in the global shipping industry that make it vulnerable to cyber-attack.

The report, "Shipping Cybersecurity: A White Paper," details the potential for cyber-attack on commercial vessels and highlights the need for more robust cybersecurity practices.

The report identifies several areas where ship owners and operators can improve their cybersecurity practices, including:

- Implementing stronger password policies
- Training crew members on cybersecurity best practices
- Using encryption to protect sensitive data
- Regularly updating software and firmware

The report also recommends that ship owners work with third-party cybersecurity providers to improve their cybersecurity posture.

The report notes that the shipping industry has been slow to adopt cybersecurity best practices, but that the increasing threat of cyber-attack makes it essential for ship owners and operators to take action.

The report concludes that cybersecurity is a shared responsibility, and that all stakeholders in the shipping industry must work together to improve the overall security posture.

The report is available for download on the NAPA website.

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Ships as cyber-attack targets

The shipping industry is increasingly vulnerable to cyber-attack, as ships are becoming more connected to the internet and are relying on more automated systems.

According to the report, ships are vulnerable to cyber-attack because they:

- Are connected to the internet
- Have automated systems
- Are used for sensitive activities

The report notes that ships are becoming more connected to the internet, with new systems being added to help with automation and efficiency.

The report notes that the shipping industry has a unique set of challenges when it comes to cybersecurity, as ships are constantly moving and are subject to various weather conditions.

The report recommends that ship owners and operators take a proactive approach to cybersecurity, and that they work with third-party cybersecurity providers to improve their cybersecurity posture.

The report concludes that cybersecurity is a shared responsibility, and that all stakeholders in the shipping industry must work together to improve the overall security posture.

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