



# State of cyber risk of shipping systems in 2023

International Safety@Sea Conference  
October 2023

Visibility | Security | Compliance

# Introduction to CyberOwl

## Deep expertise in maritime sector



## Award-winning technology



Shortlisted



Finalist



## Trusted by customers globally



LEMISOLER





# Independent research on the state of maritime cyber risk management

1. Survey of c.200 shipping professionals worldwide
2. Deep interviews with c.20 experts in the shipping supply chain
3. Analysis of CyberOwl's data



# 200%

*increase in the cost of cyber attacks to shipping companies since 2022.*

**\$550k**

***Average cost of a cyber attack to a shipping company.***

**354%**

***increase in ransom payments since 2022.***

**\$3.2m**

***paid on average during a ransomware attack.***

**Office /  
enterprise  
cyber  
security  
operations**

**= / =**

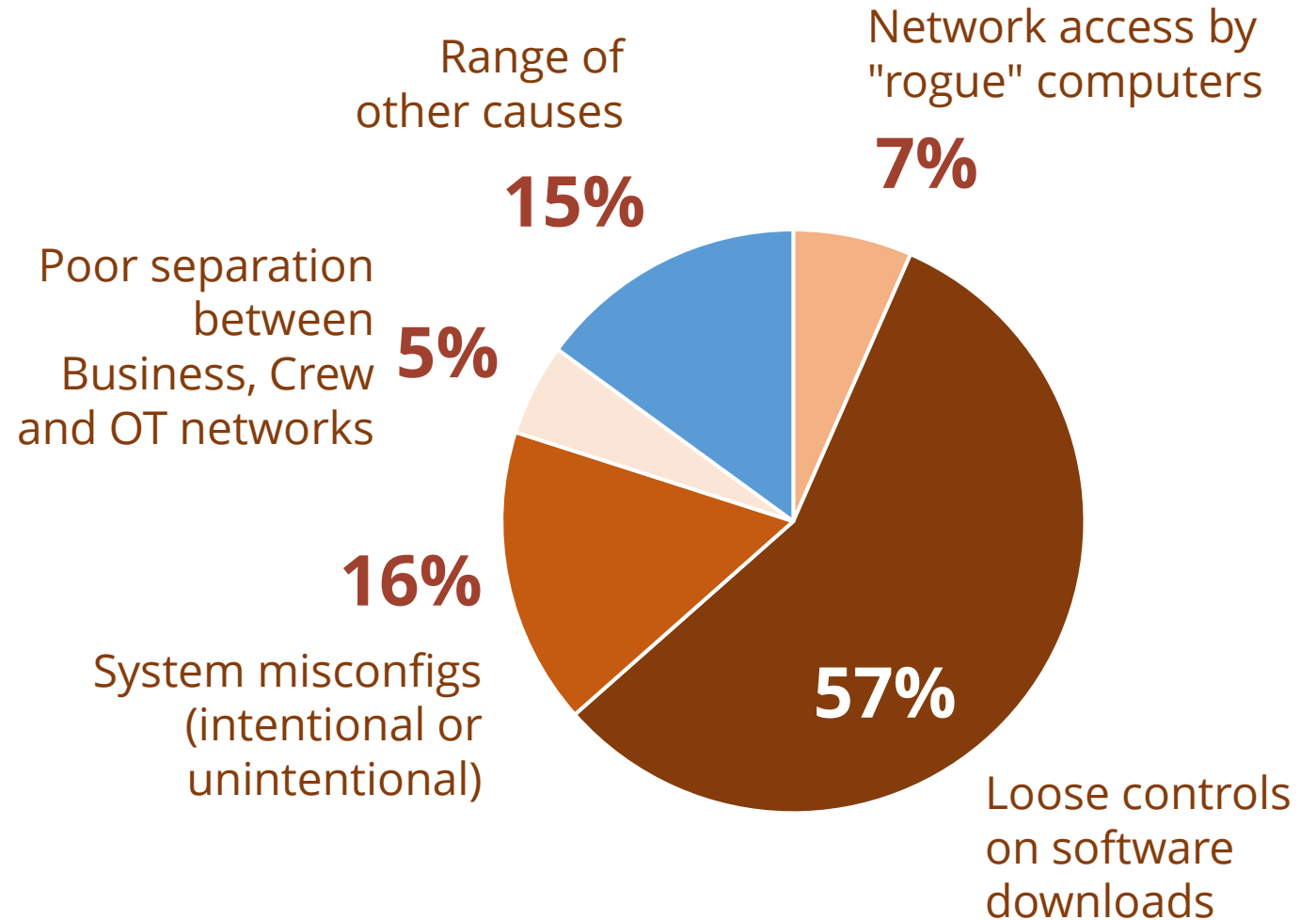
**Vessel /  
fleet  
cyber  
security  
operations**

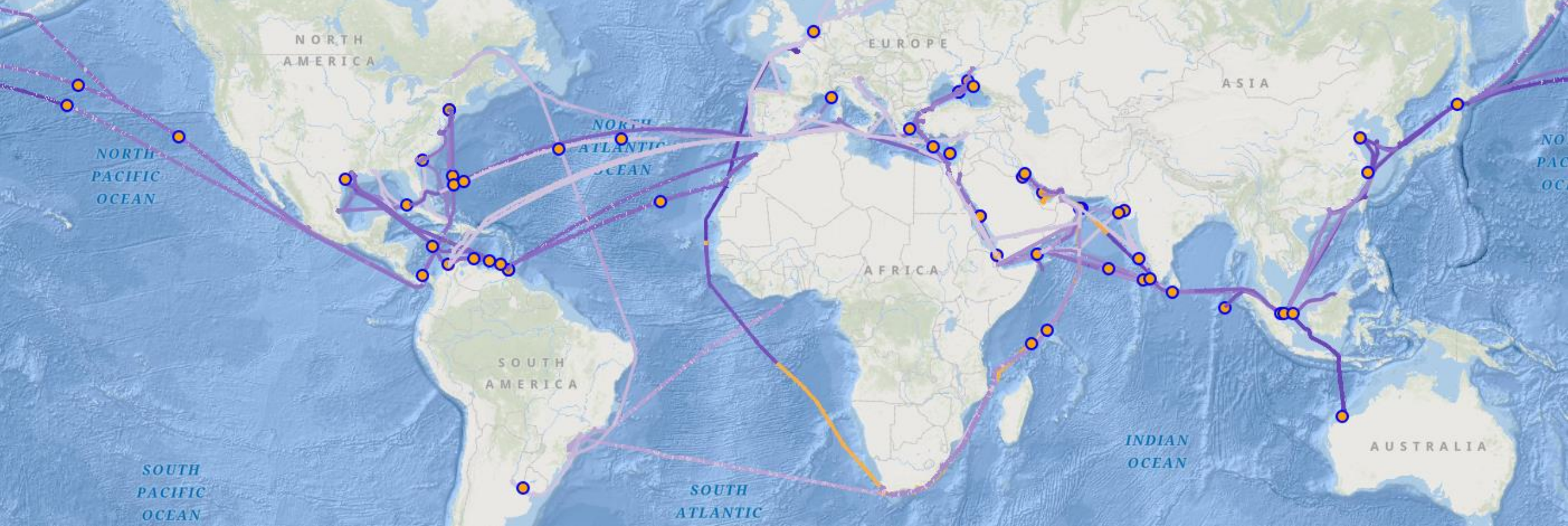


**A typical fleet of 30  
vessels experiences 80  
cyber incidents a year**

These risks link directly back to:

- **Lack of visibility**
- **Poor implementation of controls**
- **Human error**





# 80%+

*cyber incidents raised shortly after vessel leaves port*

# 57 days

*Average no of days to resolve a vessel cyber security incident*

**>75%**

***of vessel cyber incident  
response involves the crew***



# CYBEROWL



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