Cyber Security
And Future-Proofing Your IT Infrastructure

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Consumer & Home

Smart Infrastructure

Security & Surveillance

Healthcare

Network

Transportation

Retail

Industrial

Others

The maritime cyber ecosystem comprises of:

- Ports with Cargo handling and Container tracking systems, Shipyard inventories and automated processes,
- Ships, the transportation means
- Shipping companies
- All of them are relying on Information Systems to function

- Each one if under cyber attack will have an impact on the other(s) and impact on Business Objectives

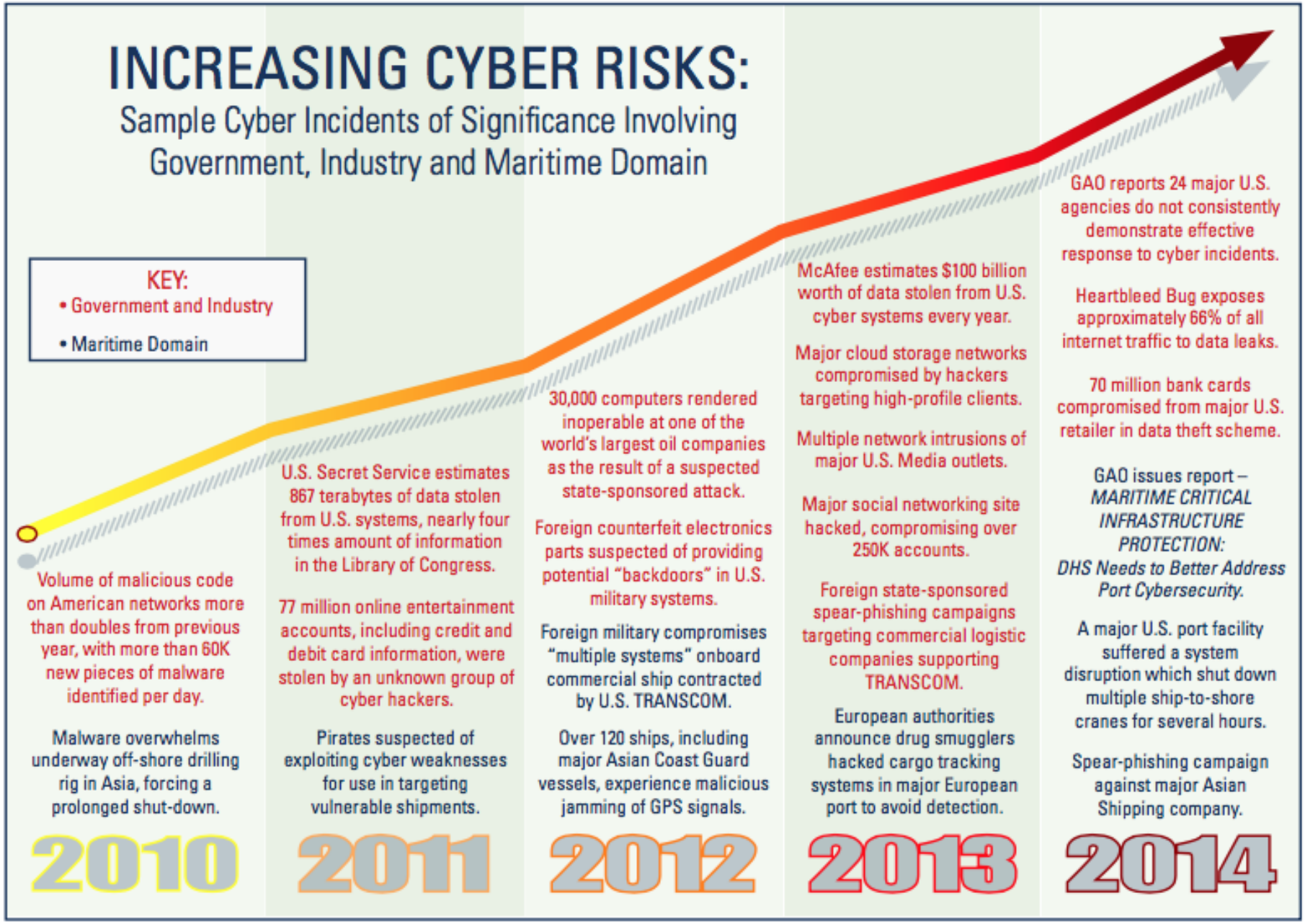
Cyber Risk is a reality

IMPACT of CYBER ATTACKS

World Fuel Services (WFS) recently fell victim to a bunkering scam reported to have cost the company an estimated **$18 million**

Globally, it estimated that cyber attacks against oil and gas infrastructure will cost energy companies close **to $1.9 billion by 2018.**

The British government reckons cyber attacks already cost UK oil and gas companies around 400 million pounds (**$672 million**) a year.



12 *INTERPOL. (2014).* Cybercrime. *Retrieved from http://www.interpol.int/crime-areas/Cybercrime/Cybercrime.*

- Traditional Cyber Security is not effective any more.
- Only the “Firewall” and the “Antivirus” are NOT enough to protect your valuable assets on board ships and on the land based company
- ‘’Real Time” detection, dynamic threat protection, signature-less technology across the different stages of attack life cycle.

PANEL DISCUSSION

- **Katerina Raptaki**, IT Manager, **Navios**
- **Adonis Violaris**, Marketing Director, **Interorient Shipmanagement**
- **Manos Manoli**, IT Manager, **Marlow Navigation**

WRAP UP

Take Away

Treat Cyber Risk as a Business Risk

and

Cyber Security as an

Enabler to Business Objectives

THANK YOU

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