CyberSafety® Program

PANTELIS SKINITIS | JUNE 2018

afety Moment

ndustry Drivers – Maritime Cyber Survey

34% (of 284 respondents) experienced cyber attack within the last 12 months

- Majority Ransomware or Phishing

30% of companies did not have information security manager or department

Many employees lacked cyber awareness training

66% had a cyber security policy

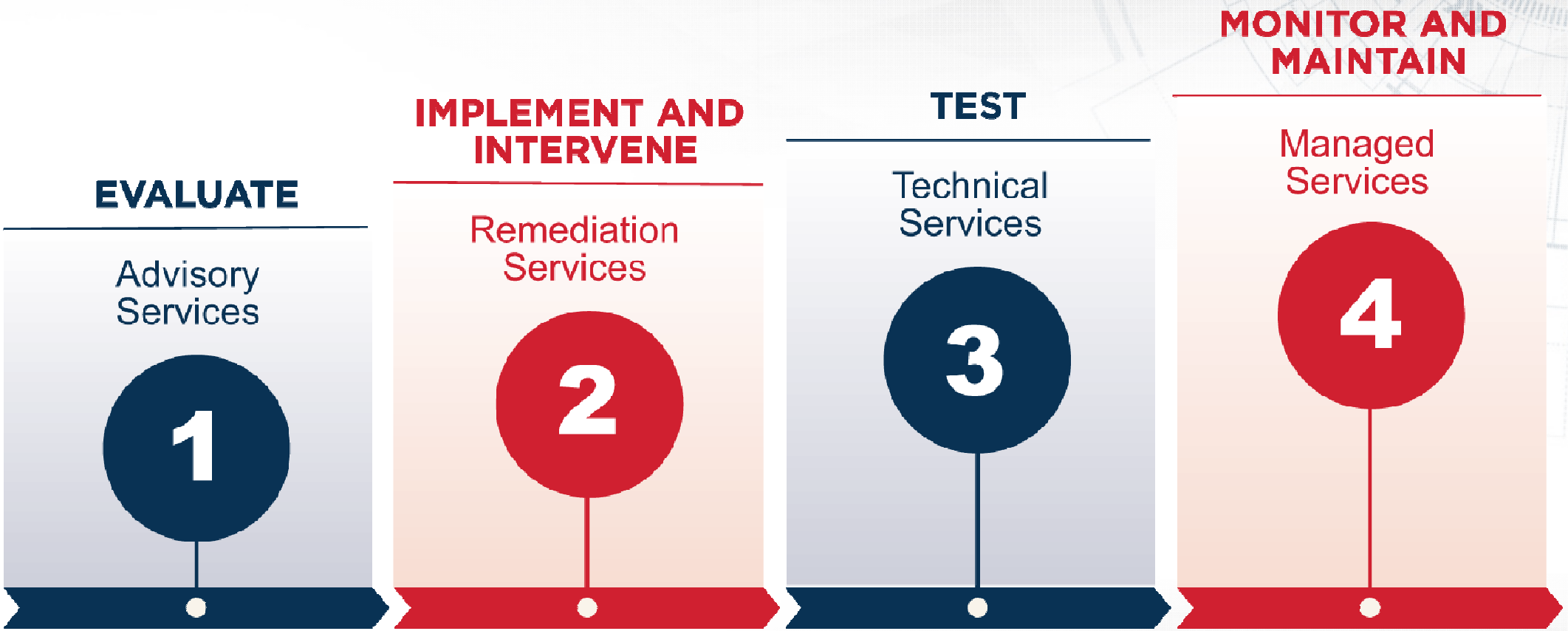
47% believed their organization's biggest cyber vulnerability was its staff

here are Real Consequences and Differentiators

Regulatory / Industry Best Practices	Real Consequences	Differentiators
USCG - Policy Letter - NVIC 05-17	• Operational Disruption	• Prioritizing Cyber Solutions
IACS Steering Committee **BIMCO/Intertanko/OCIMF** Guidelines **IMO** 2021 Implementation UK Code of Practice	• Damage to Corporate Reputation	• Evidence of Competency
TMSA3 **Rightship**	• Insurability Questions	• Satisfaction of Bid Requirements

BS Response to Industry and Regulatory Drivers

OT Cyber Maturity Journey



alculable OT Cyber Risk

CI Model

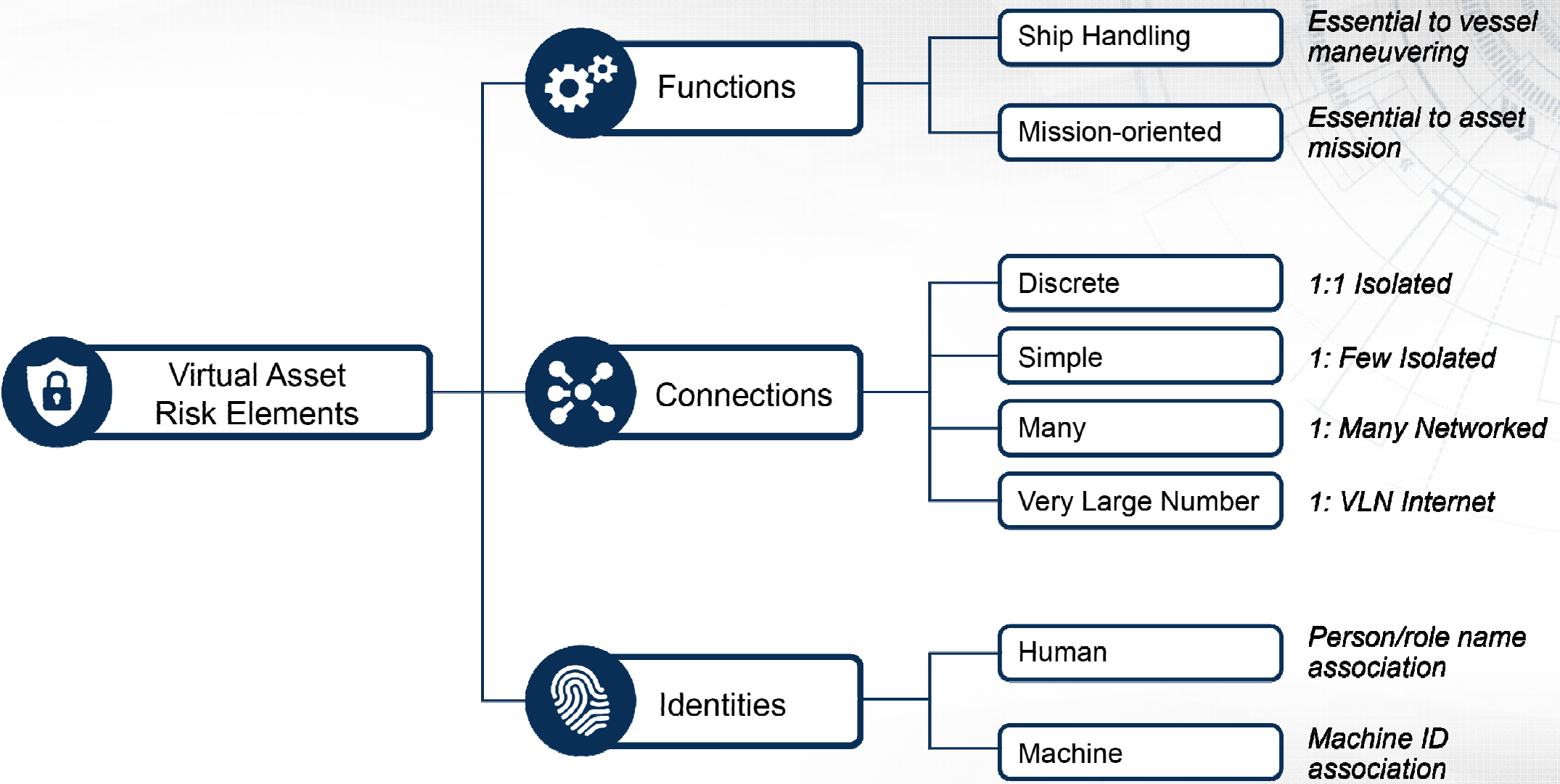
- Maritime specific
- Measurable
- Scalable

low It Works

ONSHORE DOCUMENTATION REVIEW

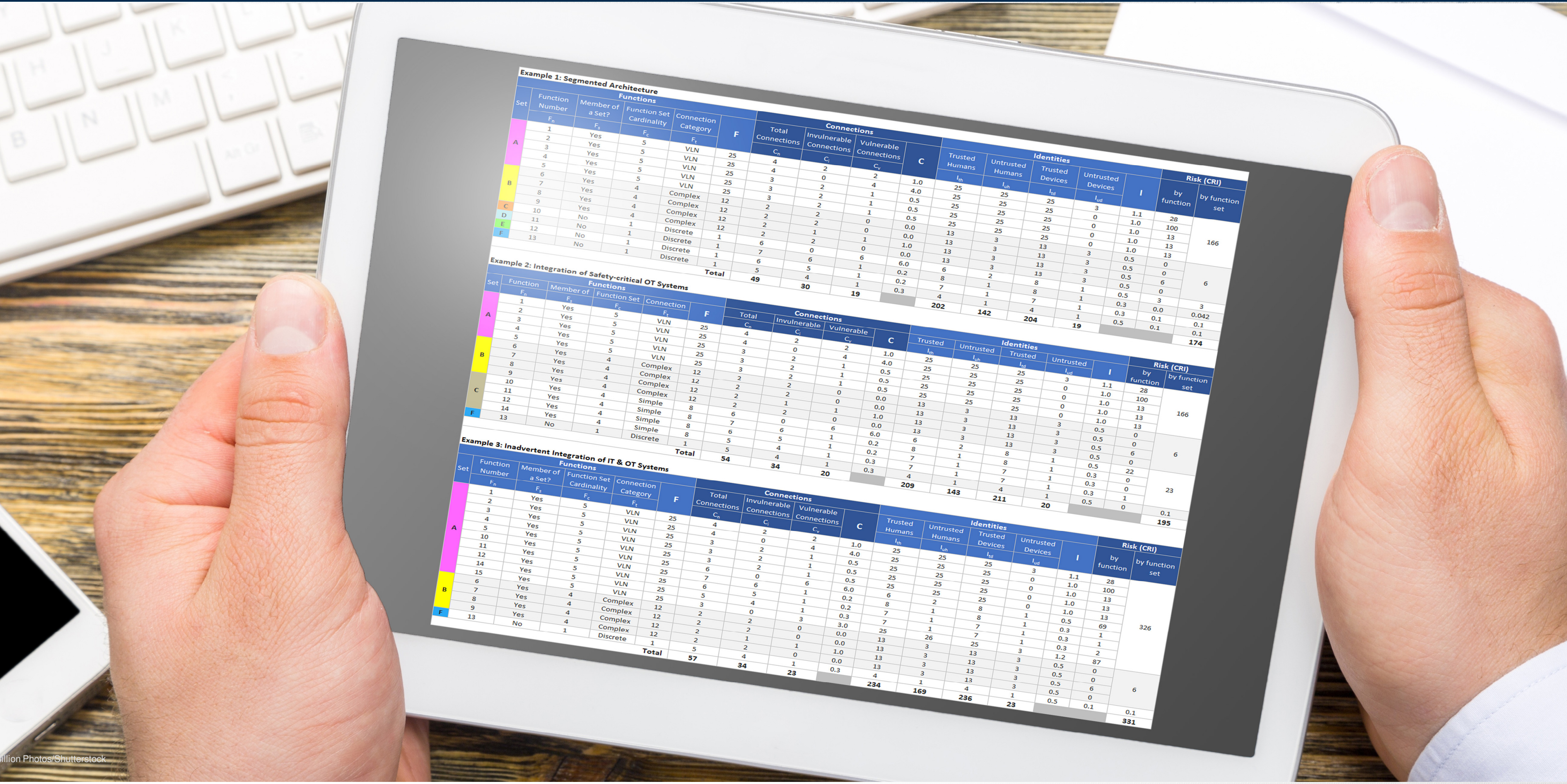
ON-ASSET SURVEY

irtual Vessel Profile



Risk Index = Functions x Connections x Identities

yber – Calculable Risk Index



eading OT Cyber Safety in Maritime

CyberSafety Assessment

- We assess where your current cyber state
- We provide a GAP analysis with actionable insight
- We recommend an implementation plan to fill gaps

Program Standup

- We can implement the entire program for you

rusted Expertise

ABS awarded research contract by the Maritime Security Center (MSC) to lead industry partnership to determine direction of cyber security in maritime industry

"This research project will support the missions of the DHS Center of Excellence and the U.S. Coast Guard to address these concerns and vulnerabilities and will identify policies and risk management strategies to bolster the cyber security posture of the MTS enterprise."

MAJOR INDUSTRY RECOGNIZED CERTIFICATIONS:

PE (CONTROL SYSTEMS), CISSP, GICSP, CISA, CCNA, CCNP, SOFTWARE QUALITY CONTROL, PMP, ICS-CERT

200+ YEARS OF CUMULATIVE CYBER EXPERIENCE IN MARINE APPLICATION

CYBER SECURITY ASSESSMENT OF

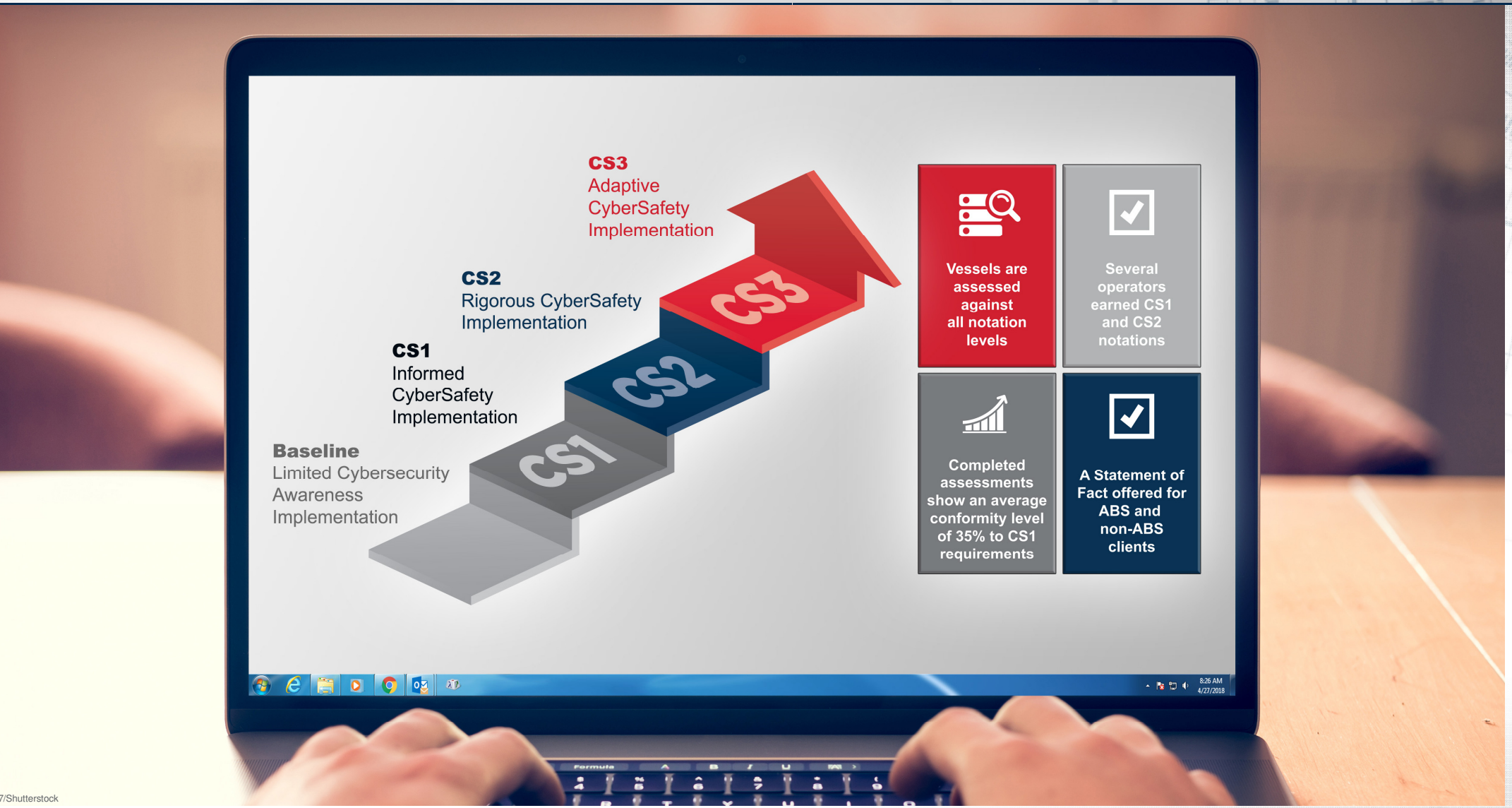
30+ MARINE/OFFSHORE ASSET TYPES

FOR VARIOUS OWNERS

- NAVIGATION
- CONTROL SYSTEMS
- SURVEILLANCE SYSTEMS

atar/Shutterstock

yber Notation



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Our Commitment to You

S **SAFETY FIRST**

O **OPERATIONAL EXCELLENCE**

A **AGILITY**

R **RELIABILITY**

We've made solving industry challenges the focal point of our approach on the ABS Advanced Solutions team.

Soar Above the Challenge

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