The Convergence of Risks

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Stena Sphere and Stena AB

The Convergence of Risks

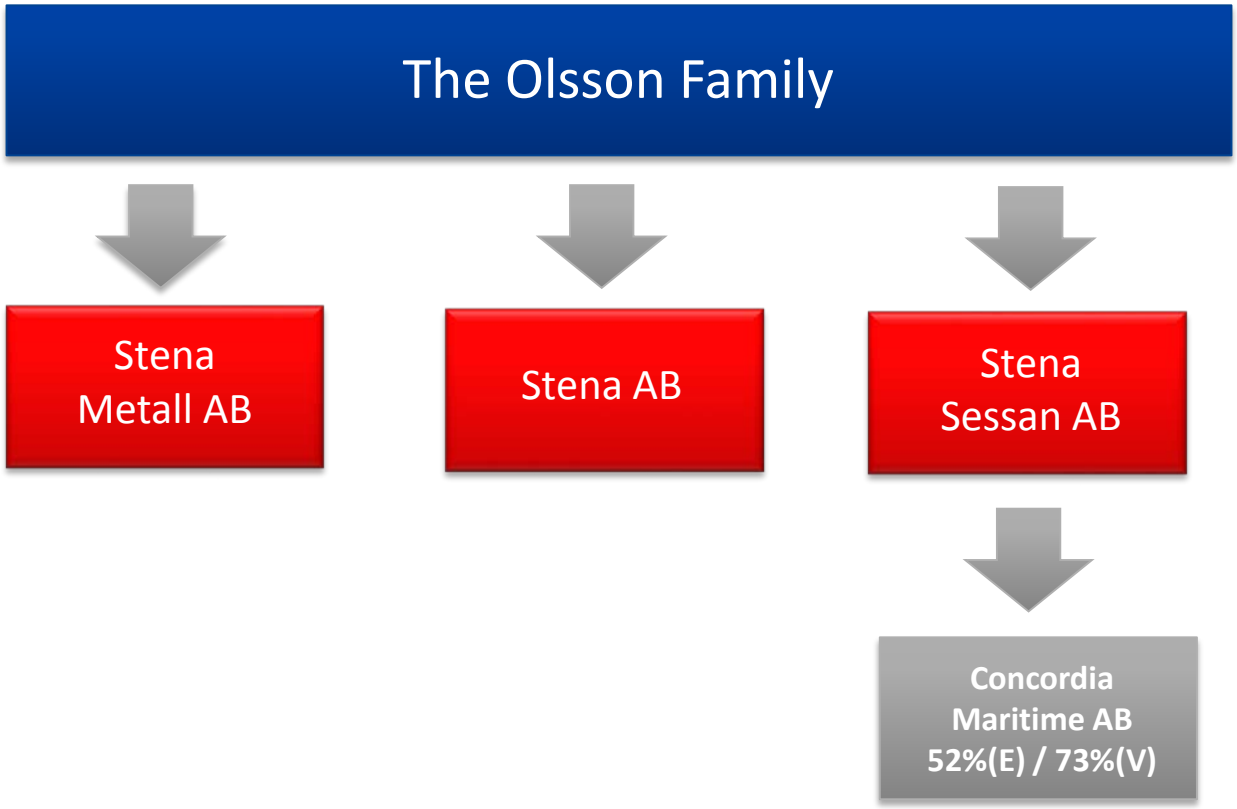
Autonomous Ships

Complex Requirements

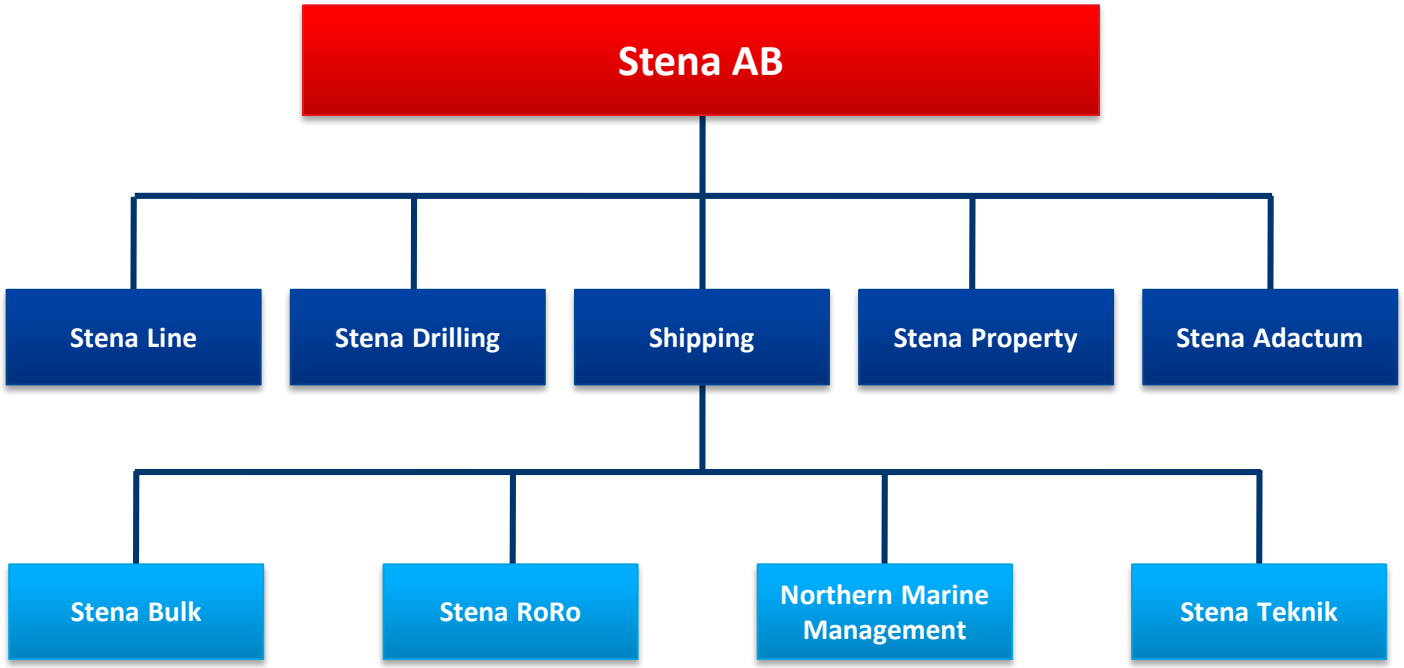
Global Cyber Security Program

Q & A

The Stena Sphere – A family owned and operated company



The Stena AB operates in the Shipping, Drilling, Property and Investment management industry sectors



Average no of employees 2018: 11,200
+ 4,700 in external ship management services

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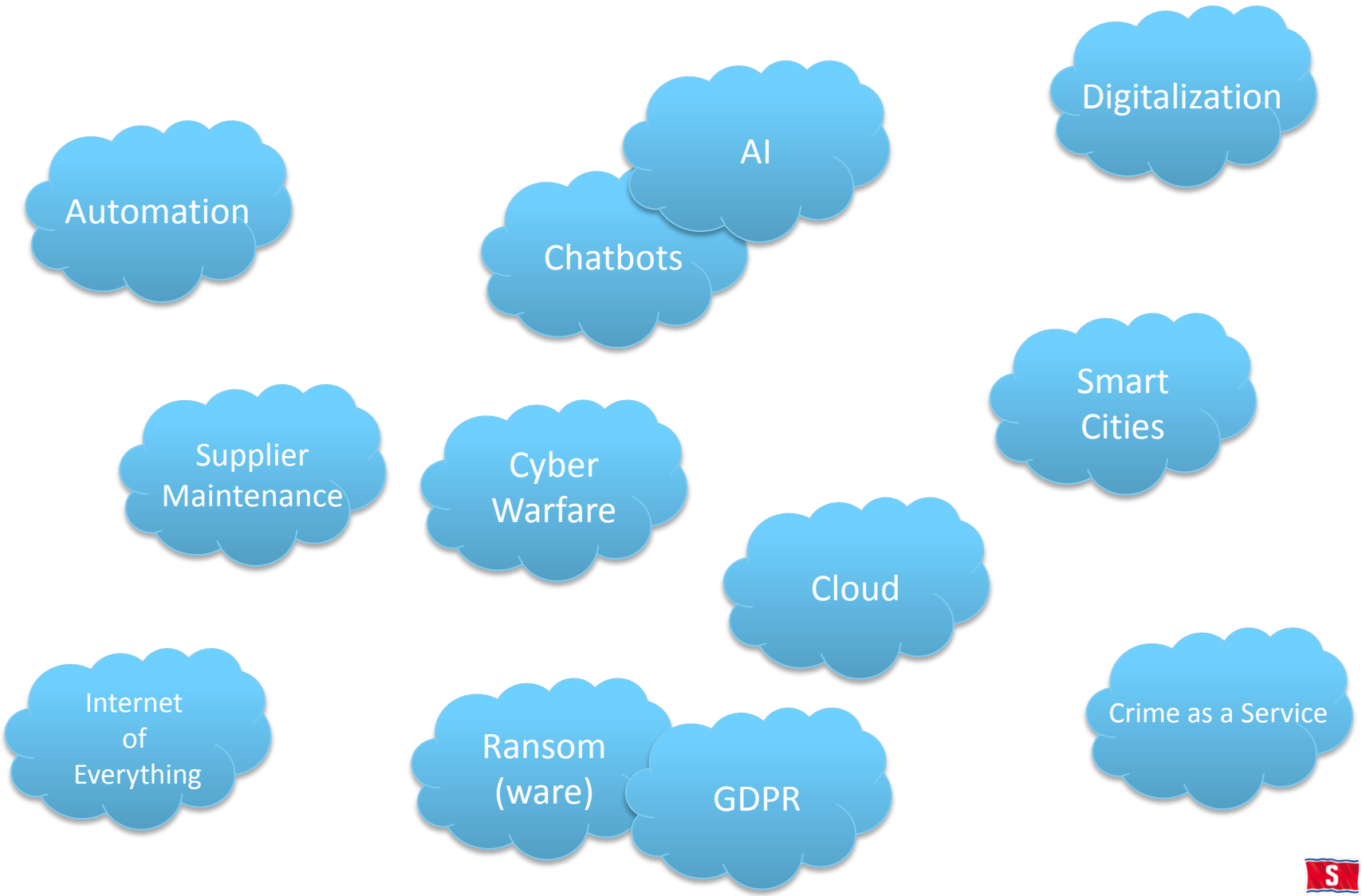
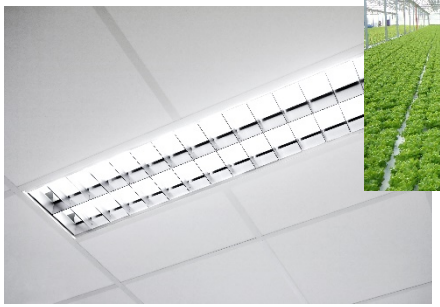
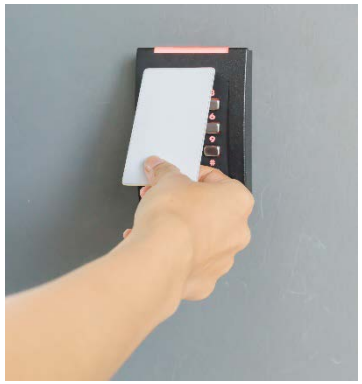


Connected systems not always ”thought about”…





And everything can be hacked!

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Different voices in any given company

What's the security culture in your organization?

How strong is the security voice?

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Autonomous Ships

Drivers	Challenges	Where are we going *	
Safety	Safety & Security	2020	Reduced crew & remote control of certain functions
Environment	Cyber Security	2025	Remote controlled, unmanned vessels, coast near
Economics	Maintenance	2030	Remote controlled, unmanned ocean-going
	Legislation	2035	Autonomous unmanned ocean-going

* Source: Rolls-Royce Marine

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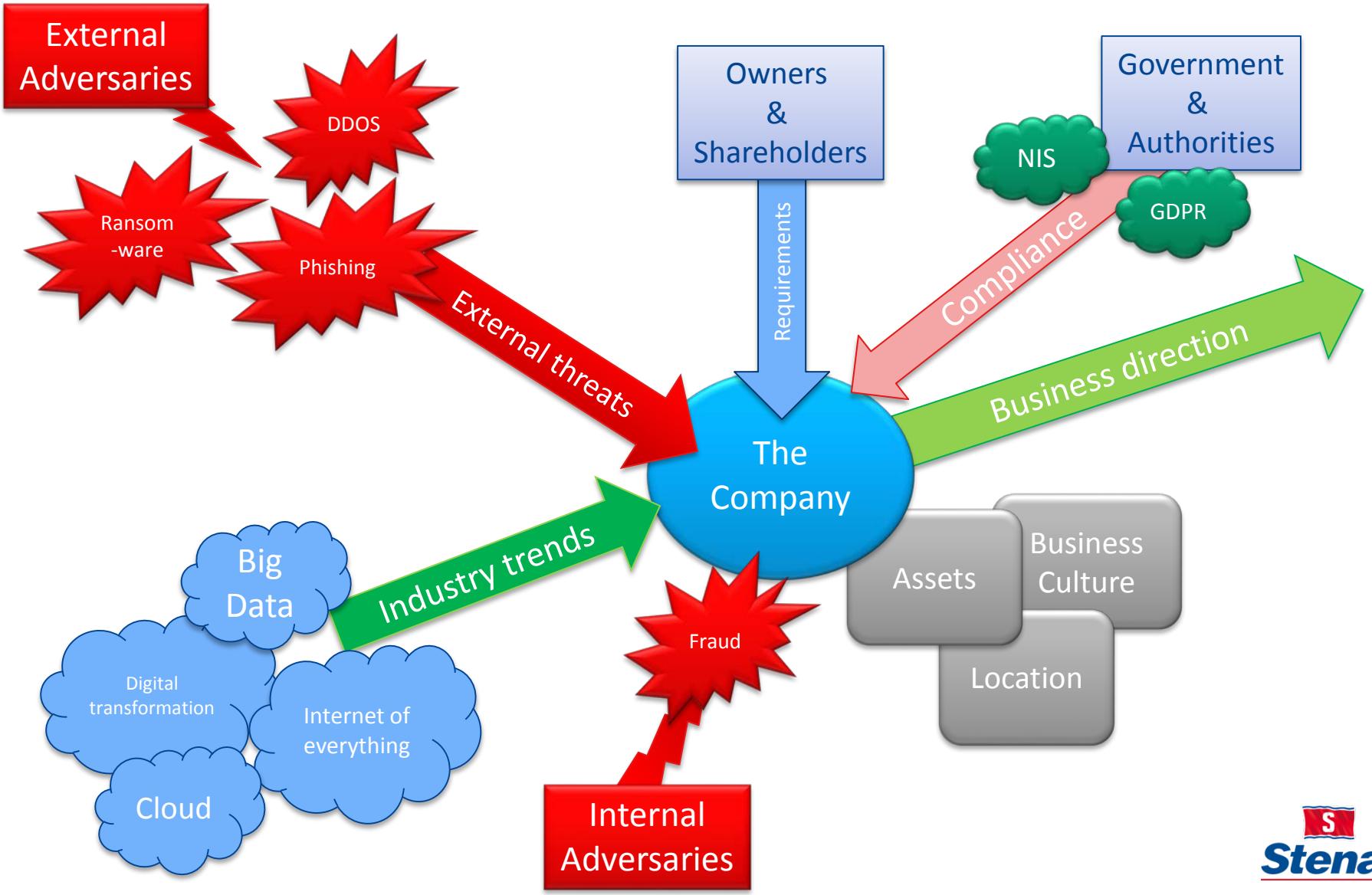
The complex world of Information Security



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A Common Framework is Key

- Vast amount of areas to cover: encryption, application security, disaster recovery, compliance and much more – hard to see it all.
- No need to reinvent the wheel
- Achieve compliance
- In an interconnected world security is never stronger than the weakest link of the chain…
- The answer to your security challenges is a holistic approach – and you can't control a global environment without a framework!

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Choosing a framework

- Can be tricky
- Different frameworks in different industries
  - Look at competitors
- Customer demand
- Compliance
- Geographical region
- Government requirements

…but, the only bad choice is that you *don't choose…*

(most frameworks are possible to crosswalk to show compliance)

Set the objective

- Where are we?
- What implications does the current level have on our business?
- Where do we want to go?
- What's the GAP?
- When should we reach our goal?

"Implement a global management system for information security by the end of 2019"

Critical Success Factors

- Management Commitment
- CISO mandate
- Clear information security organization
- Use Facts - not Fear
- Long term perspective
- Build the foundation first
- Understand cultural differences
- Understand change resistance

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Securing Management Commitment

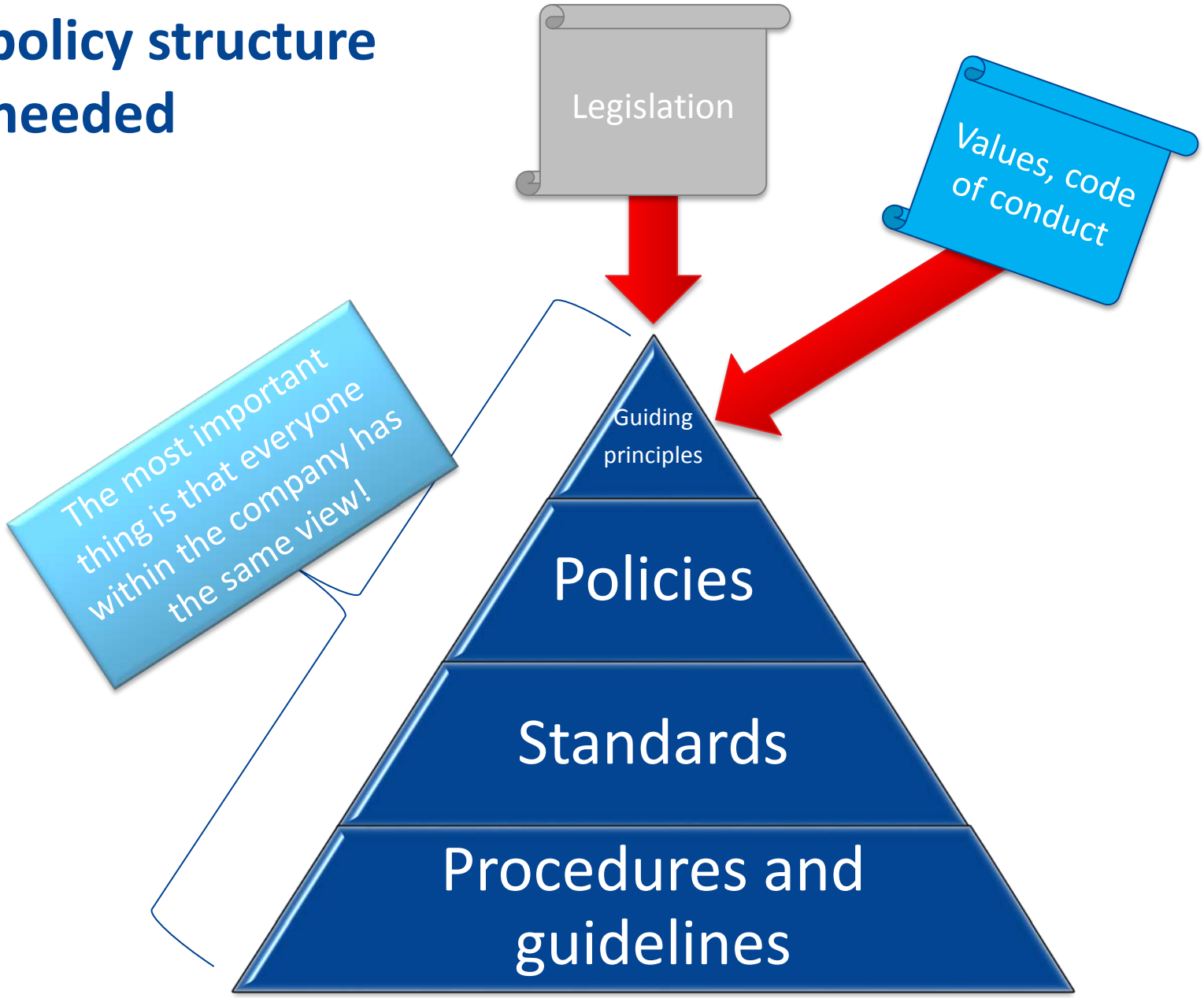
Securing Management Commitment

What are the threats – new and emerging?

How secure are we?

How secure are we, compared to our peers?

A policy structure is needed



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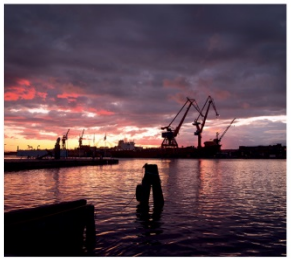
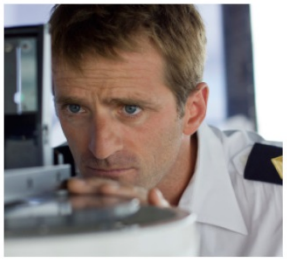
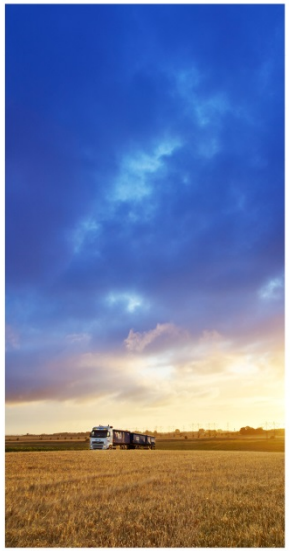
- **Q & A**

WE CARE

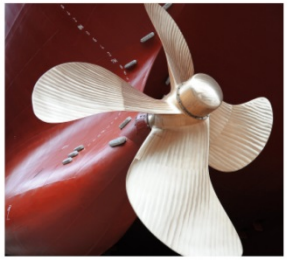






WE INNOVATE

WE PERFORM



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