

Cyber security in aviation

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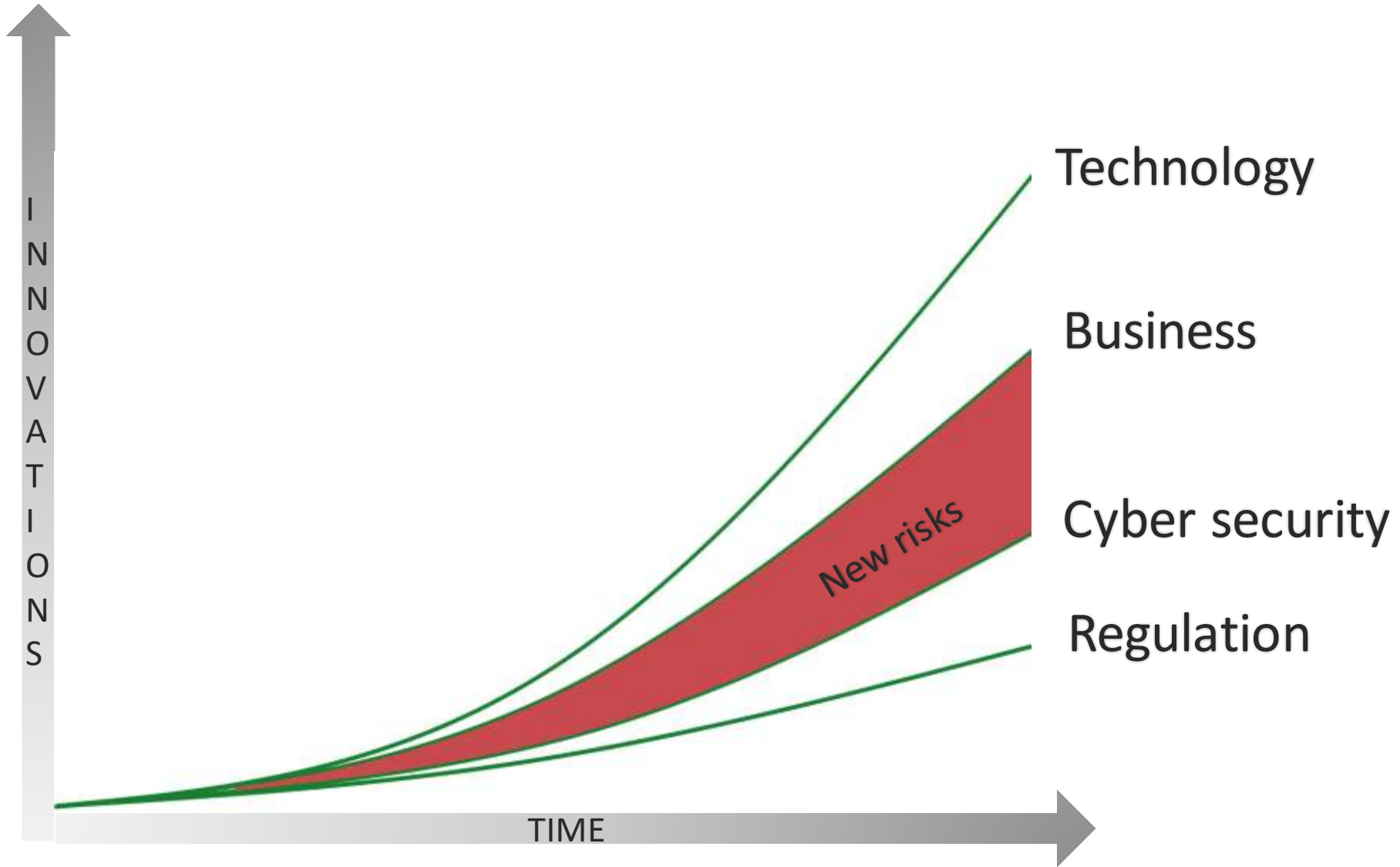


Key notes

- Aviation – System of systems
- Cyber security in aviation
- Challenges, practices and solutions



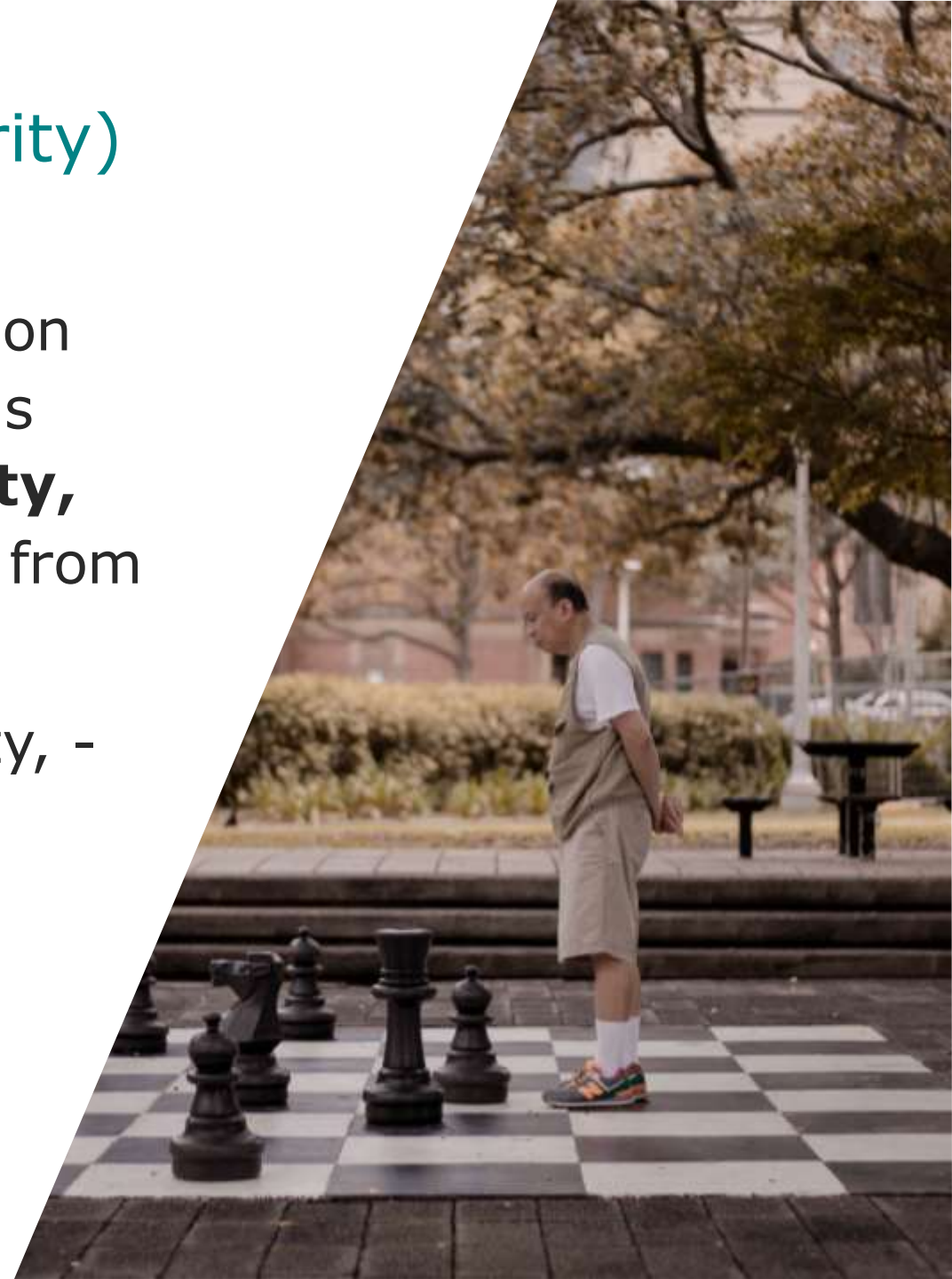
Trend



Cyber security (Information Security) management

- ...describes controls that an organization needs to implement to ensure that it is sensibly protecting the **Confidentiality, Integrity and Availability** of assets from threats and vulnerabilities
- Information security for aviation safety, - security, society etc.
 - OT information security

OT- Operational Technology



Challenges

- Secure by design
- Continuous and rapidly changing environment
- Attack surface



Practices

- Information Security is not a new issue
- System: People, processes and technologies
 - Boosted by strong aviation safety & security culture



Solutions

- A management system for
 - Information Security
 - Safety
 - Security
- Holistic information security risk management over all aviation domains



By UK CAA

Thank you

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