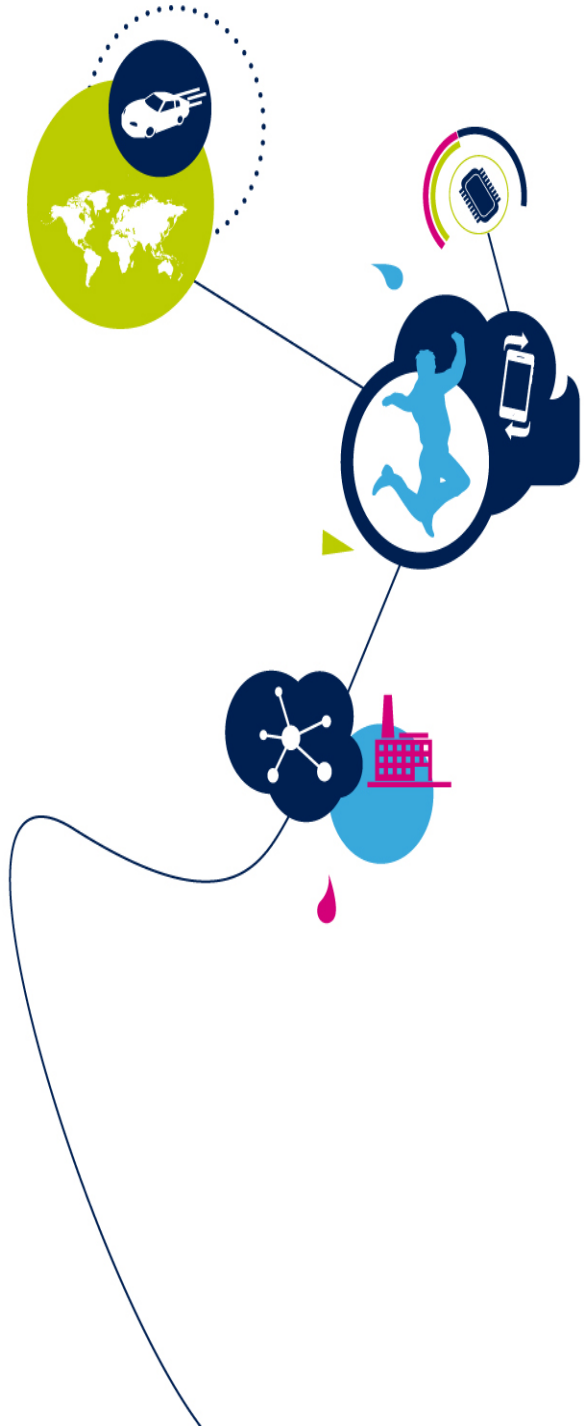
Establishing the links between standards and certification



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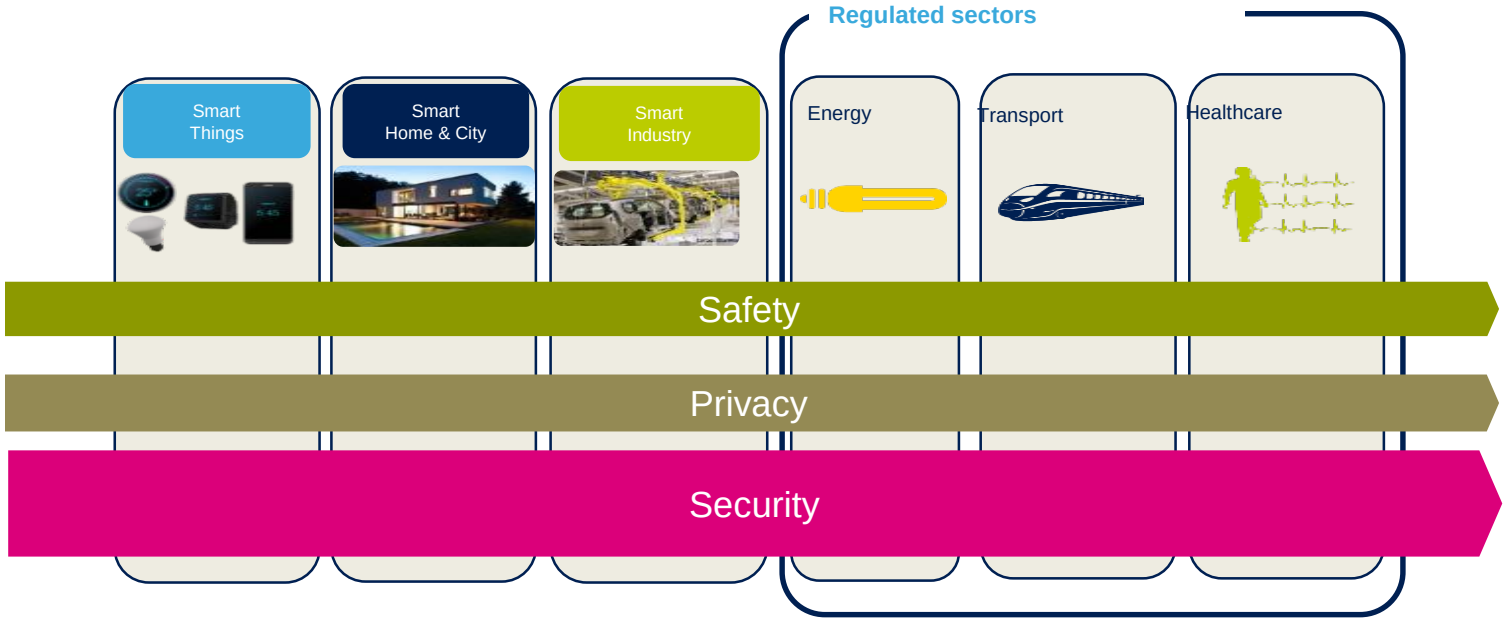
Industry Cybersecurity Challenge

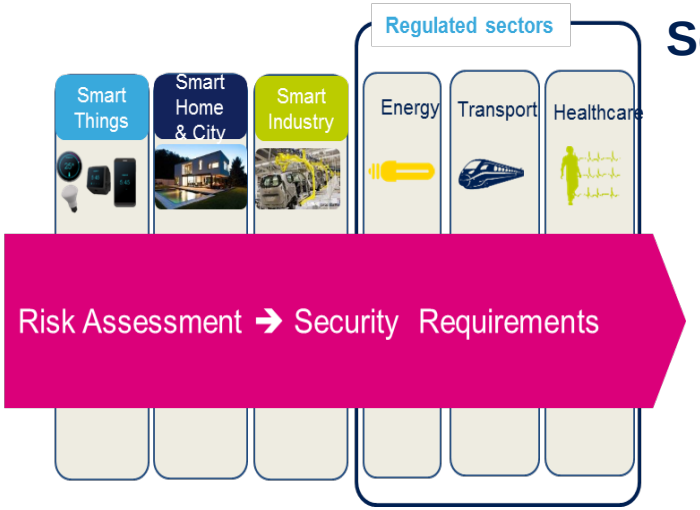
- Provide products & services complying with
  - Multiple market segments and sectors
  - Multiple standards, ‘de facto standards’ driven by large companies, guidelines
  - Multiple public/private certification schemes, lack of EU certification harmonization
  - New regulations coming, lacking standards or certification scheme



EU Certification Framework

- **Benefits**
  - Reduce EU market fragmentation
  - Support for implementing new regulations
  - Harmonized framework across sectors
  - Risk management based, scalable solutions
  - Increased security visibility before purchase

- **Challenges**
  - Broad applicability
  - Assurance levels criteria & governance
  - Preserve value of existing certificates
  - Adoption by private sector, worldwide recognition



Scalable security framework proposal

Levels	What is tested	Scheme
High	Compliance & Robustness	Full certification
Substantial	Compliance & Robustness	Lightweight certification
Basic	Compliance	External evaluation
		Self evaluation

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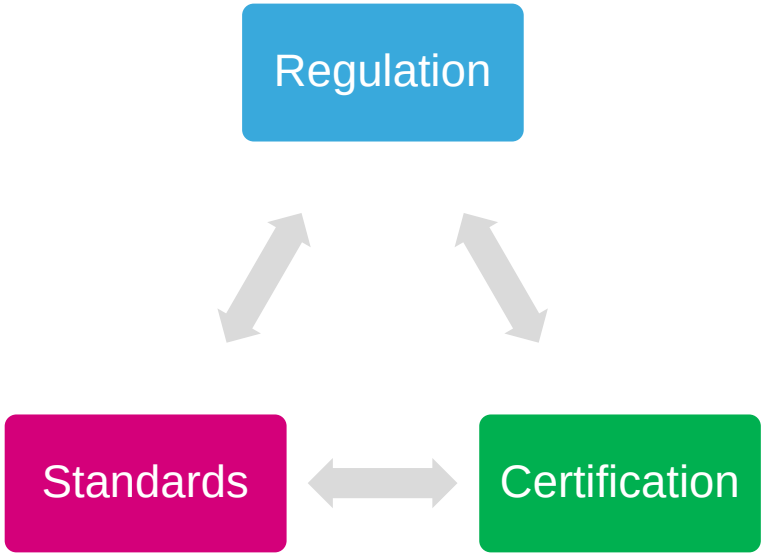
Role of Standards



Standards provide common rules for certification

- **'What' should be protected?**
  - Apply to a category of products, services
  - Take into account application needs
  - Requirements
    - Specific security functions
    - Assurance level

- **How it is evaluated?**
  - Evaluation methodology and process
  - Accreditation of evaluators

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Thank you!