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ENISA- CEN/CENELEC ETSI

Cybersecurity Standardization

Future scheme : consumer IoT

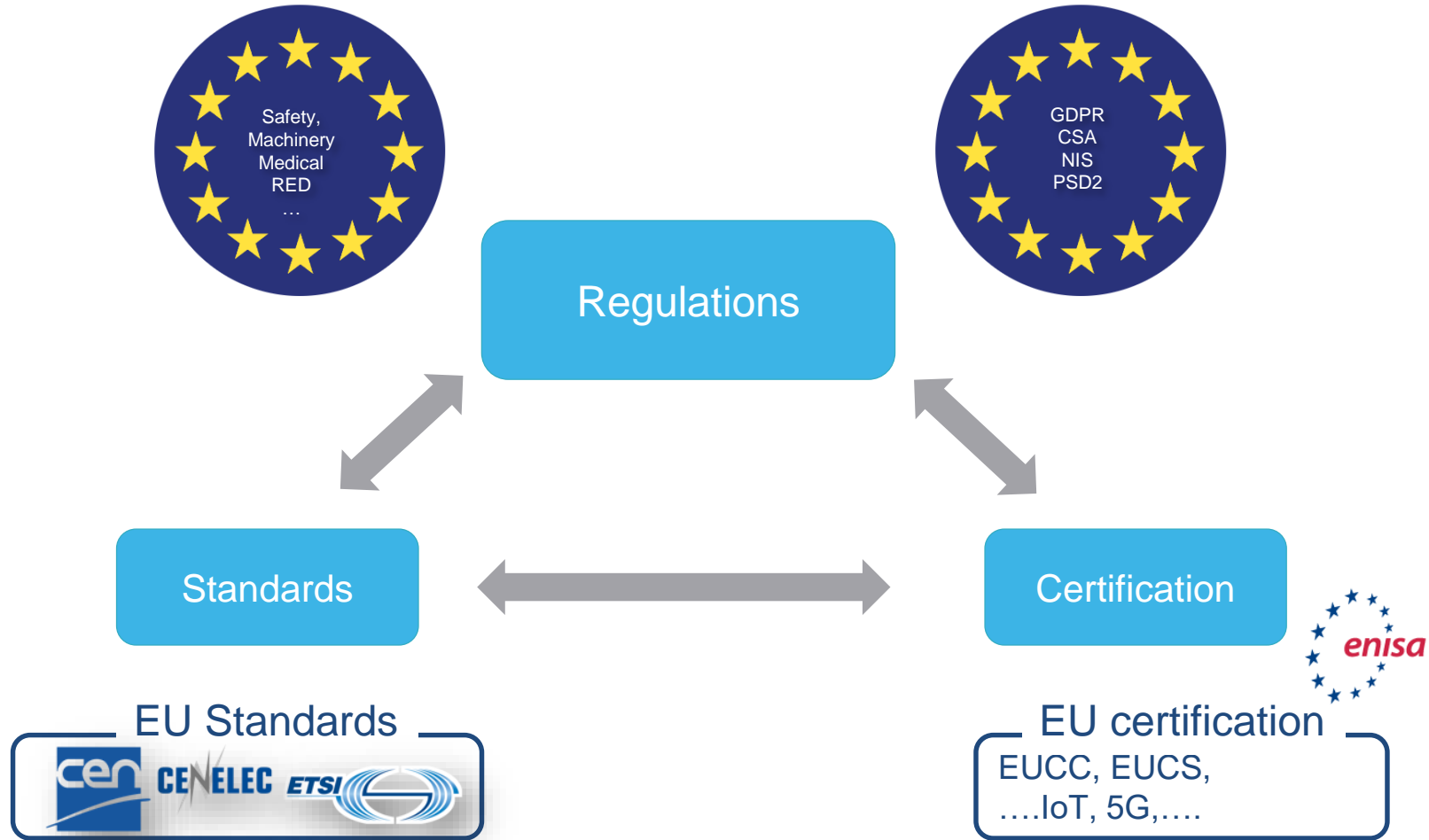
Sylvie Wuidart

STMicroelectronics

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Regulations – Standardization – Certification

The European view



Step 1: Identify Security Requirements

EN Standard available!

Baseline requirements for Consumer IoT
- Flexible set of provision
(shall/should - not applicable)



type

usage

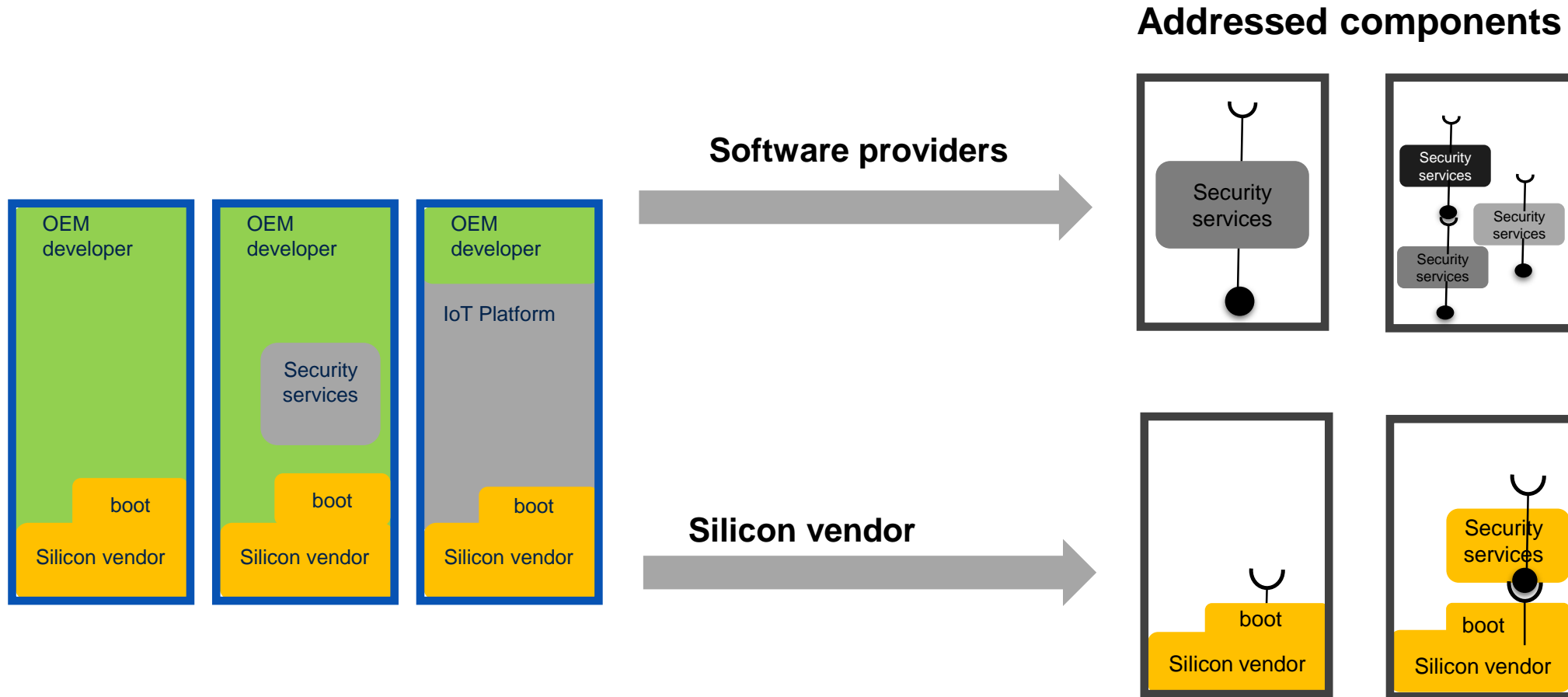
**Risk
Assessment**

Set of **Security provisions**

Assurance: self-assessment / third party

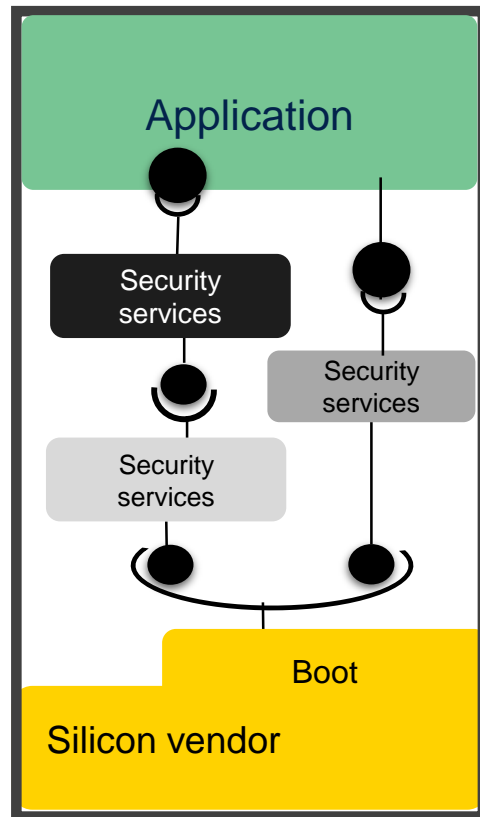
Attacks: network / physical access
which attack potential

Step 2: Develop The Product With Security



Step 3: Proof Compliance with Requirements

Security requirements



Chain of trust

Rely on Composition Model
→ **SESIP*** methodology

Security based on an economy of scale

Our Message as a Silicon Manufacturer

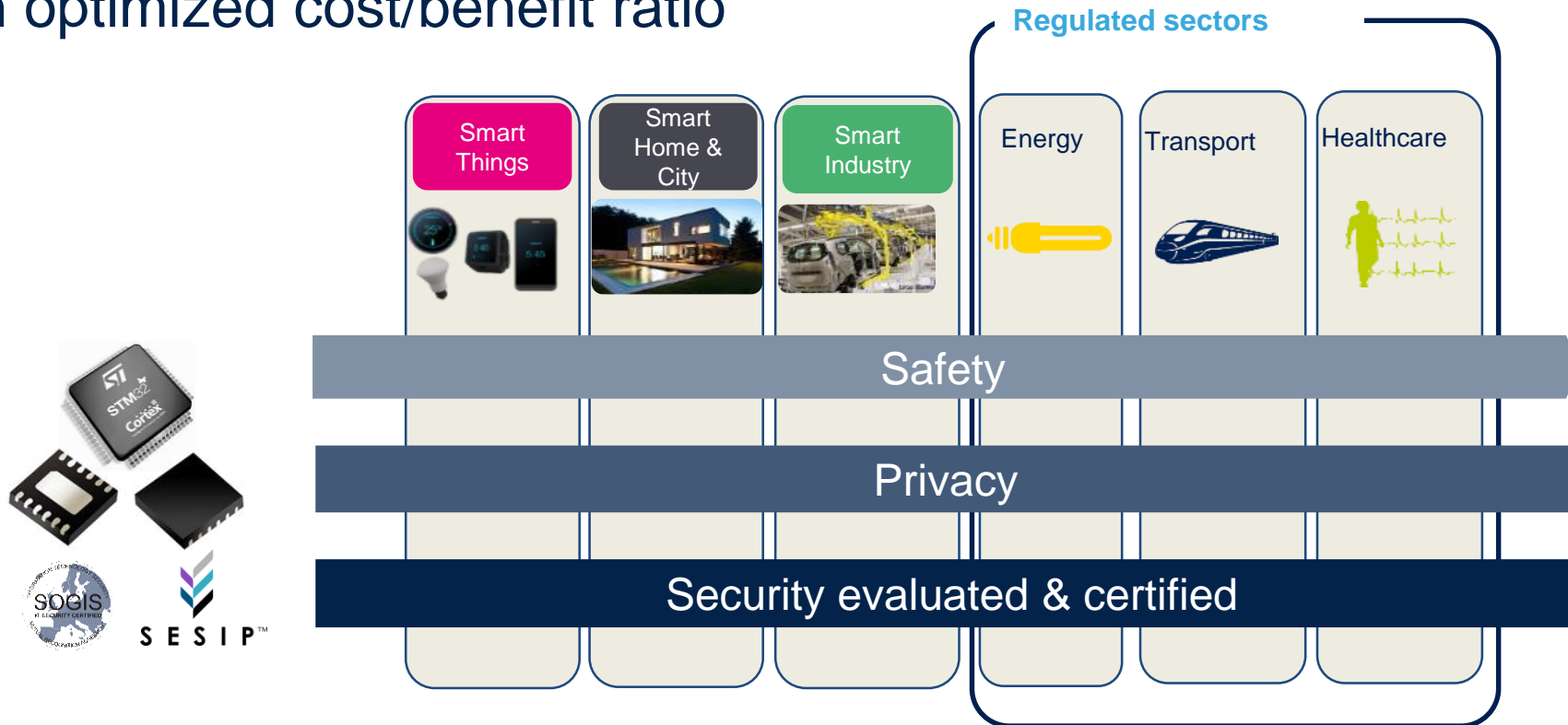


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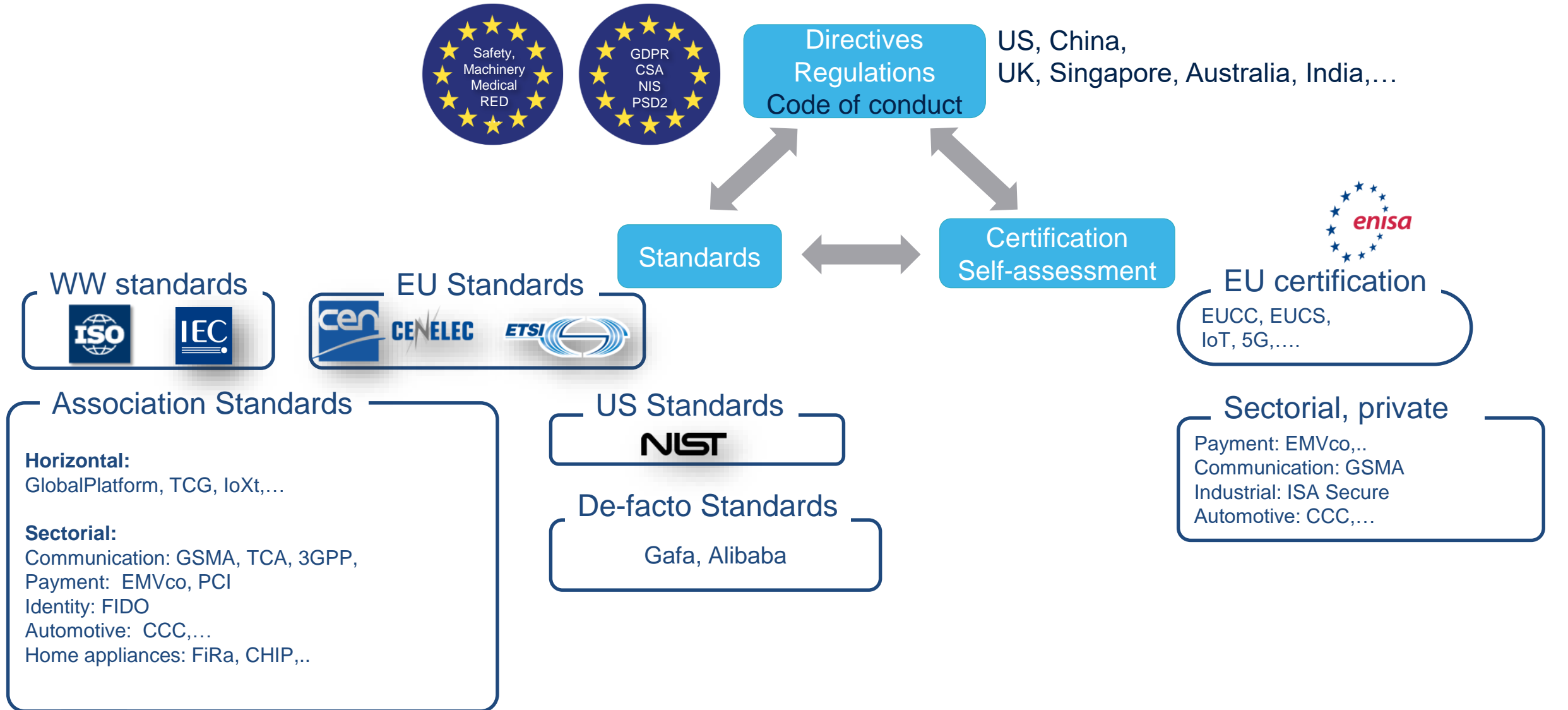
Our Security Challenge

Provide devices with adequate security features/foundations

- for the entire eco-system, worldwide
- at an optimized cost/benefit ratio



Global View



Thank you

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