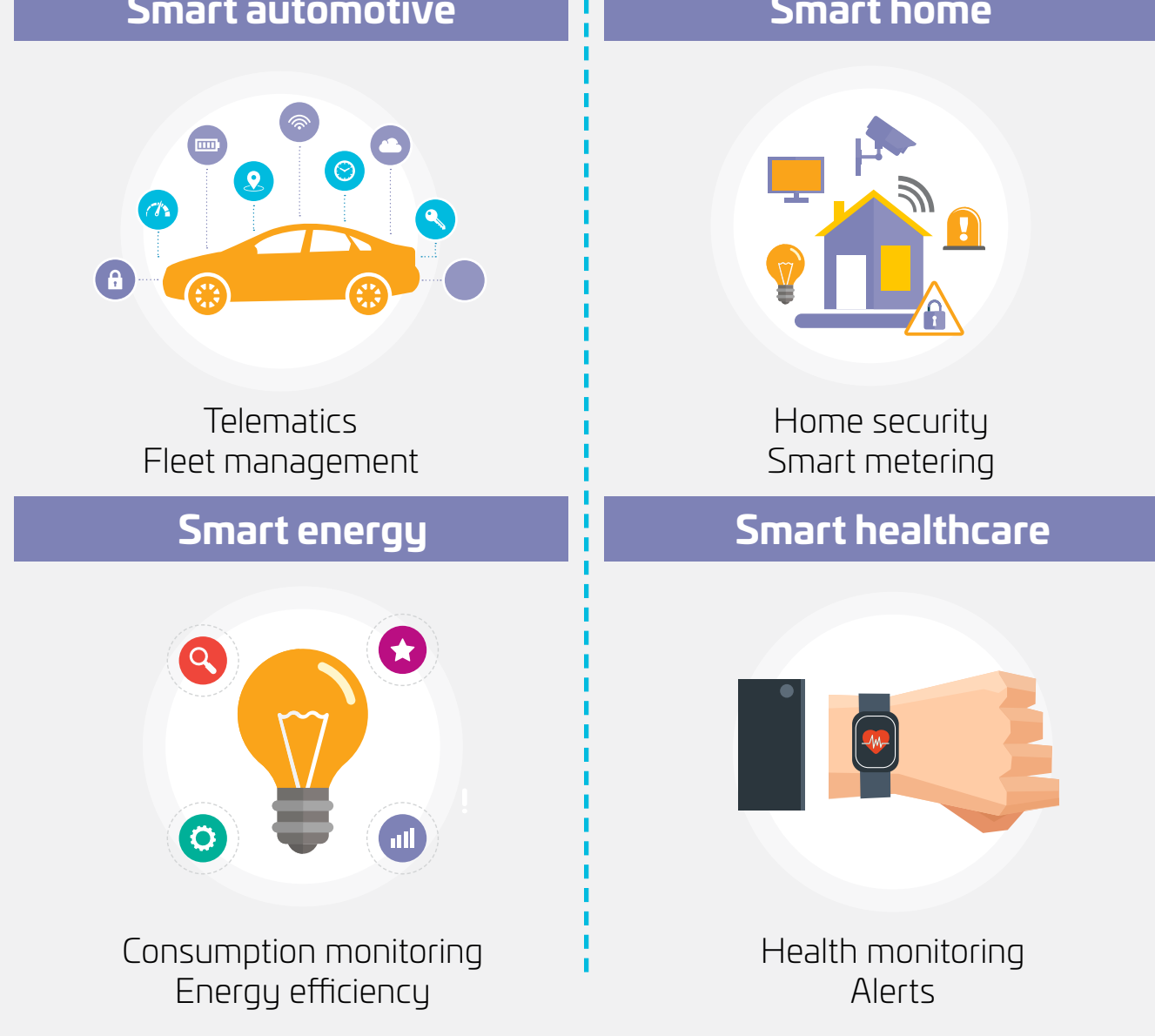


Thales IoT SAFE delivers scalable cyber security for IoT

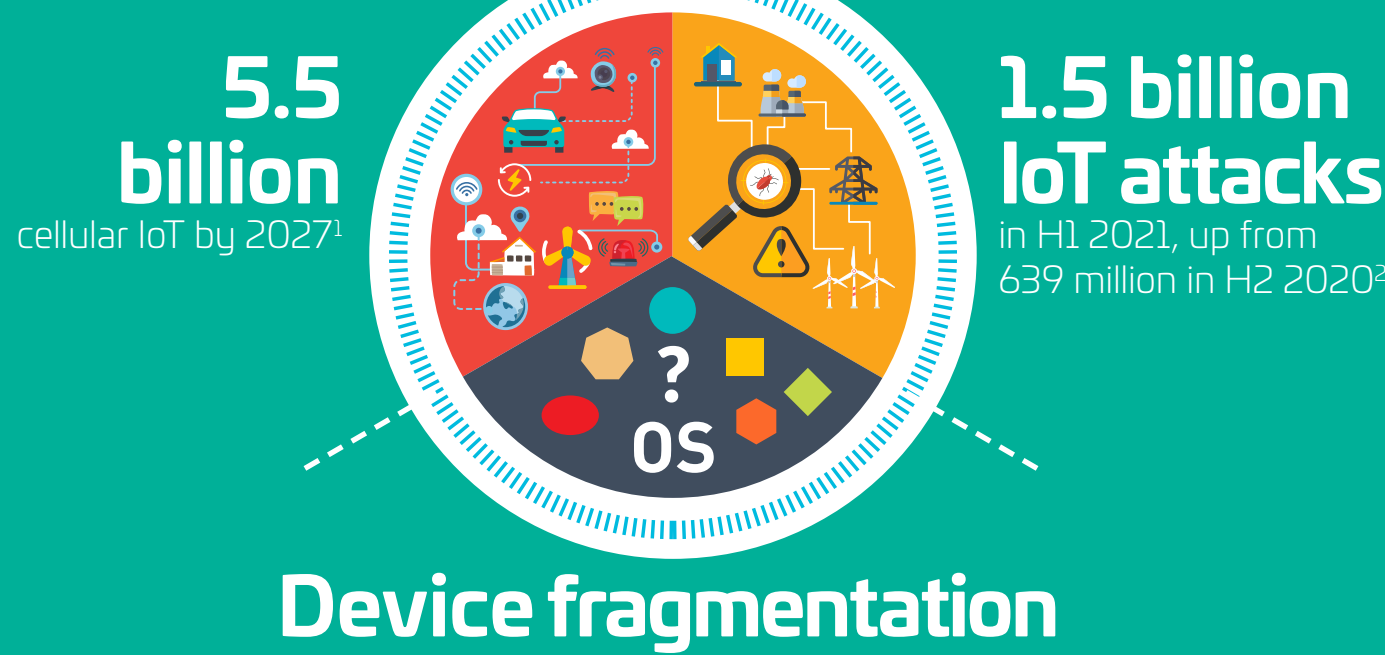
1 Key Stakeholders for the IoT



2 Four IoT use cases will drive growth in cellular connectivity



3 The IoT combines a wealth of commercial opportunities with profound security challenges



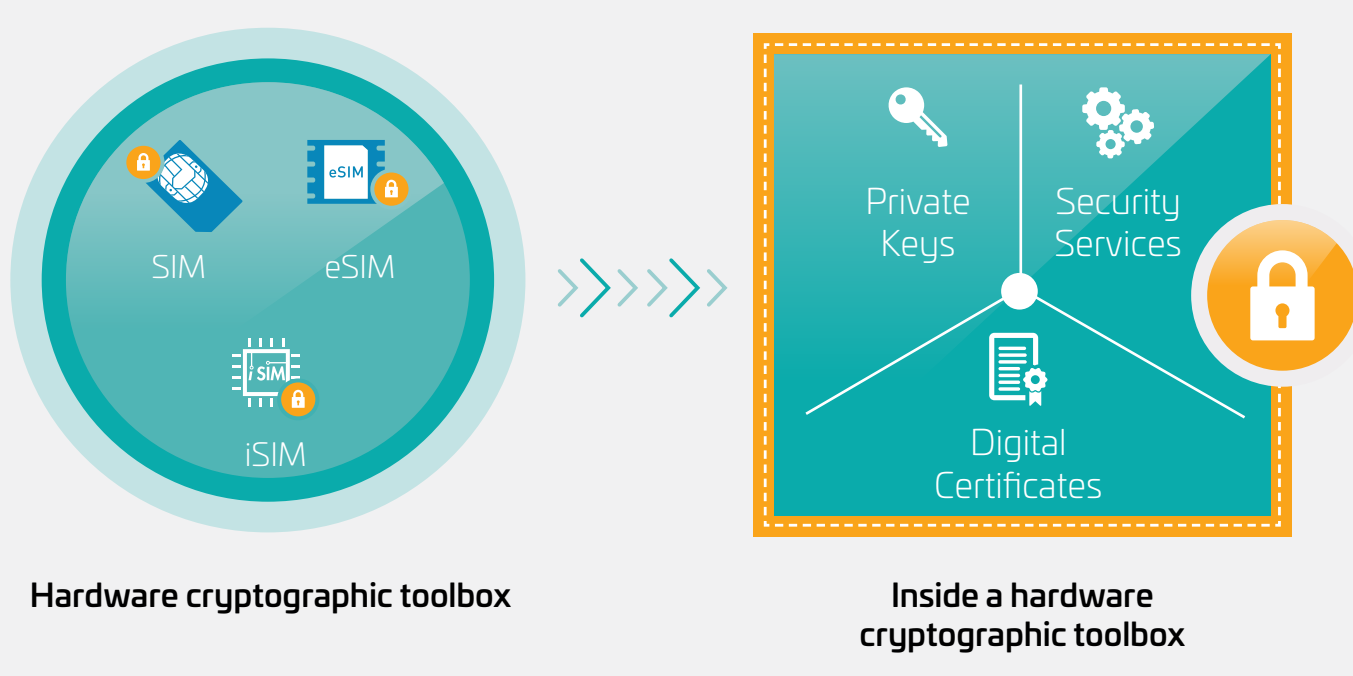
IoT devices will count for billions and security becomes as important as connectivity

Sources:
 1. Ericsson mobility report, November 2021
 2. IoT Attacks Skyrocket, Doubling in 6 Months, Threatpost, September 2021

4 IoT SAFE delivers scalable 'security by design' for the IoT

IoT SAFE leverages SIMs and eSIMs, which are standardized and field proven

- Billions of devices already in the field
- A cryptographic toolbox based on tamper resistant element stores private keys, digital certificates and security services
- Multiple form factors: removable, embedded in the device, embedded in the chipset

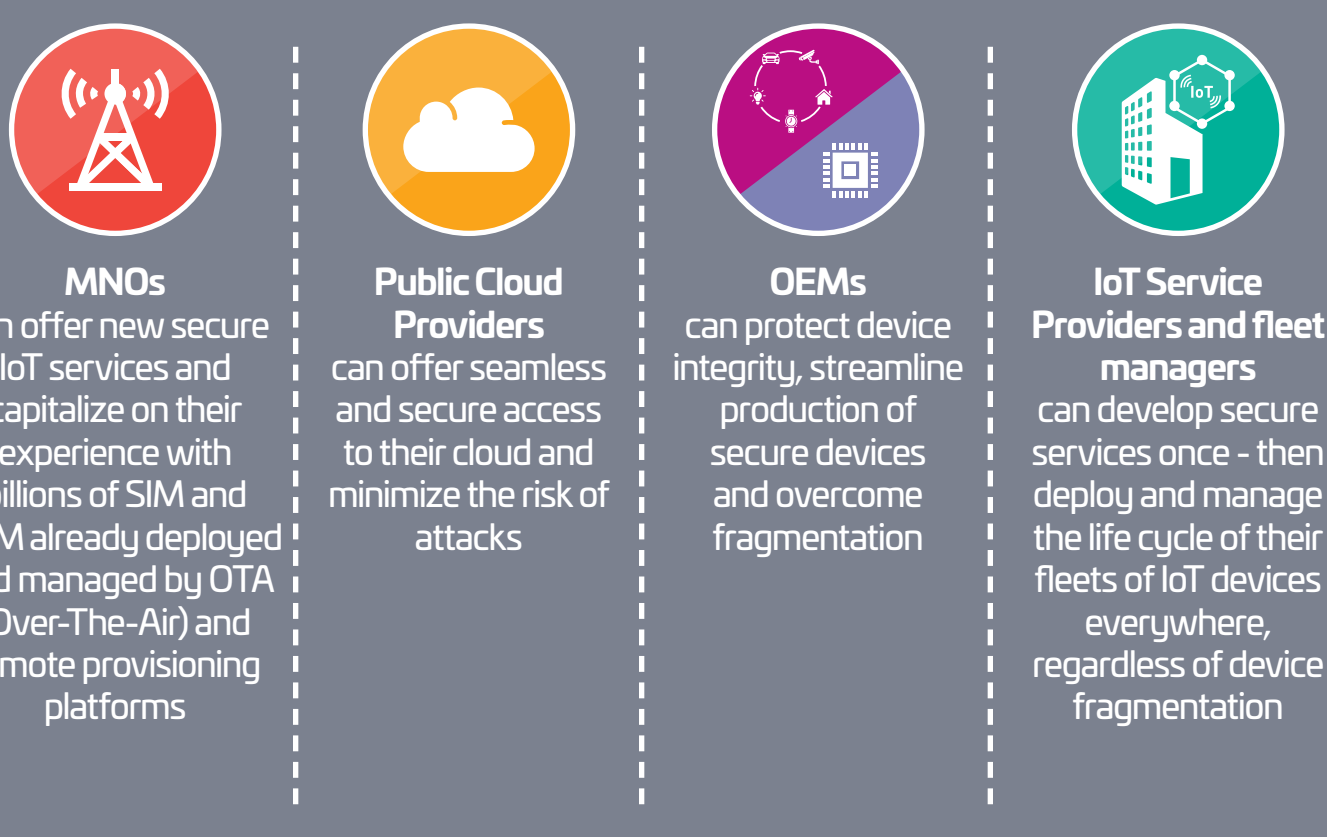


What is IoT SAFE?

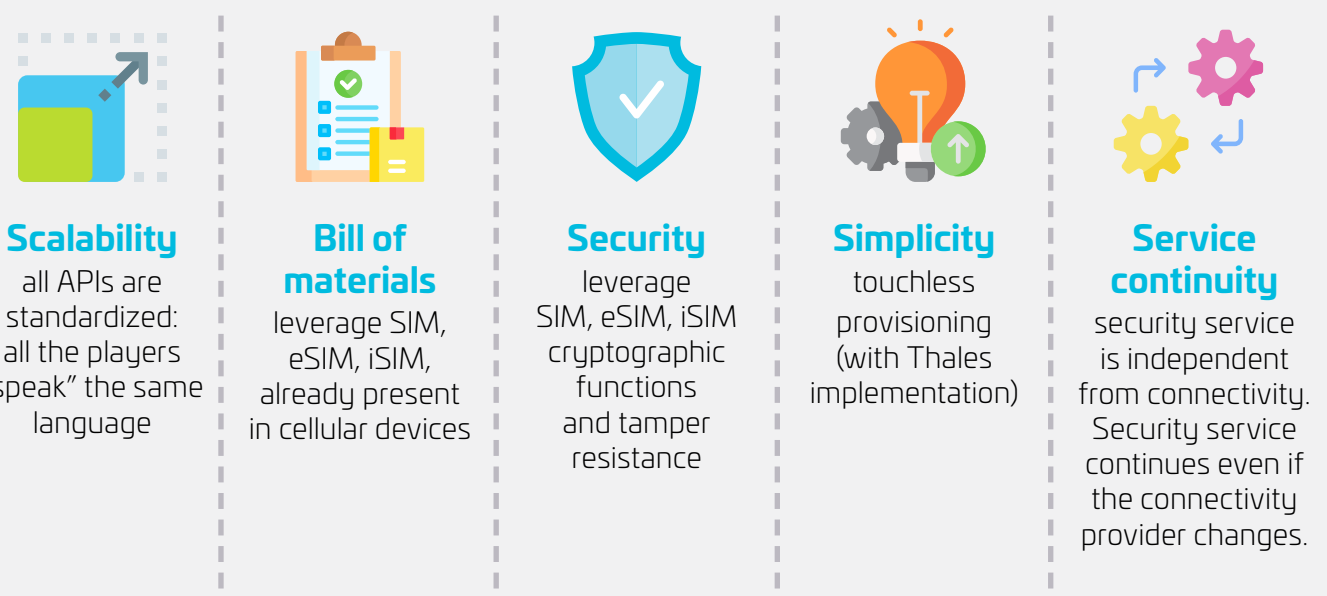
- IoT SAFE is an Industry Specification standardized by the GSMA with the contribution of all industry players: IoT Service Providers, Cloud Providers and Fleet Managers, OEMs, Mobile Network Operators.
- IoT SAFE is a client/server service and provides an interoperable and scalable security framework.
- IoT SAFE enables mutual trust between the cloud and IoT devices, which is built on the Transport Layer Security (TLS) protocol



5 What are the benefits for stakeholders of IoT SAFE?



6 IoT SAFE has key benefits compared to other solutions



7 Our Thales IoT SAFE service

