

# Chairman's Address

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IoT Security Foundation Chair



- So what is the IoT Security Foundation?
- What are its goals?
- Produce standards?

# Drivers for Secure IoT

Kayla dolls

Promiscuous  
kettles

**Gothic Horror**



DDoSing  
DVRs

Out of control  
Jeeps

Leaky medical  
apps

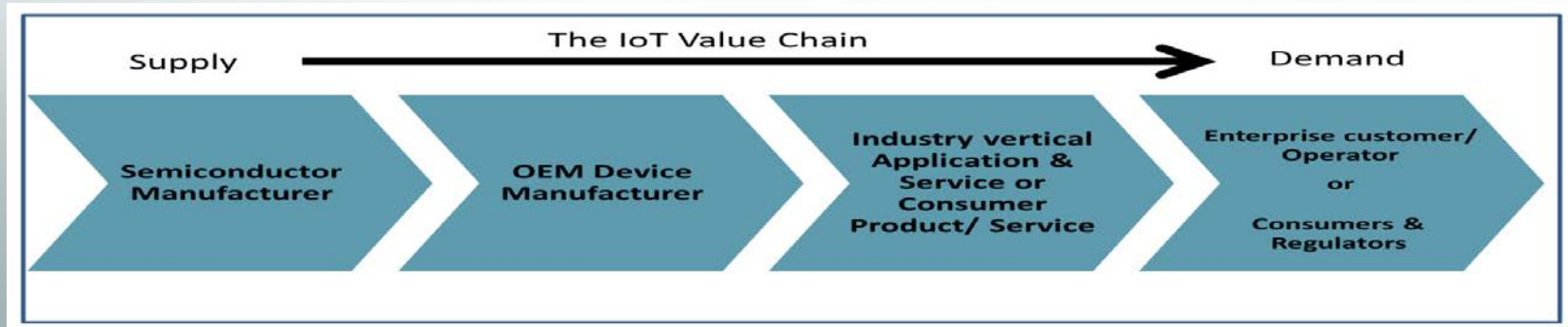
Unsafe  
buildings or  
infrastructure

**Addressed by:**

- Awareness of the security issue
- Understanding what to do
  - Framework
  - Business/Technology Context
- Being motivated to do it
  - Customer demand/expectation
  - Regulation
- Being able to implement and assure
  - Skills
  - Solutions/services
  - Certification

# Demand and the supply chain

Demand needs to motivate supply – and must be cohesive.



# Storming?

IoT Bad news  
continues

Numerous white  
papers and partial  
guides



Numbers of  
regulators see  
slow progress in  
their markets.



Multiple sectors/Jurisdictions:

- New trust marks?
- New processes?
- New IoT Security standards?

## IOTSF Principles:

- Progress solutions
- Drive for adoption with confidence
- Keep up with innovation
- Enable supply through demand
  - End-to-end communities
  - Regulators
- Reduce barriers – free open access
- Avoid duplication
  - Leverage existing processes/knowledge
  - Recognise co-travellers
  - Harmonise

# Our Mission: Make it Safe to Connect

- Our mission is to help secure the Internet of Things, in order to aid its adoption and maximise its benefits.



# Strategy in action

- Working with test labs and accreditation bodies – establish a consistent set of certification schemes using existing processes and IoTTSF framework knowledge.
- Sectoral working groups (Smart Buildings, Best practices).
- Producing or publicising solutions (secure Architectures)
- Regulators and key codes of practice – provide the IoTTSF framework as an opportunity to go quickly and harmonise.
- Progress collaboration with co-travellers.
- Increase awareness, knowledge and skills.
- = Show IOTTSF members the value of their investment.