What are the key problems?
What are the key problems?
Fault vs. Security Failure
Cyber-Physical Trust
Problems Solved?
Trends

- **CENTRALIZED**
- **DISTRIBUTED**
- **DECENTRALIZED**

Diagram showing layers of data processing with:
- **CLOUD** (Data Centers)
- **FOG** (Nodes)
- **EDGE** (Devices)

Numbers indicate scale:
- **Thousands**
- **Millions**
- **Billions**
Not Solved but Important

RESILIENCE

FLEXIBILITY INTO PLANNING
WITHSTAND SHOCK
ADAPT TO CHANGE
PURSUE YOUR GOAL
ANTICIPATE RISK
PROTECT WEAK SPOTS

Fail Safely