What will next generation Information Security be like?
Security Eco-system

- Cyber visibility - are we late?
- Security is/was never gauged according to the threat landscape
- Complacency - False sense of security
ST’s security model

There is an urgent need to re-look at Information/Cyber Security
- Past model has not proven to be working, if any
- No reference
Cybersecurity transcends technology

SAM Triad (Safety, Availability, Maintainability)
- Designed to address OT initially

Integrated with CIA Triad to achieve a holistic approach to address cybersecurity
- Failure analysis
- Variable component failure
- Responsive security
A new approach to address the digital era

Data Lake

| Systems Integration | Intelligence Driven | Automated Processes | Multi-modal Analytics |

Security Logs
Contextual Enrichment
Threats Intelligence

Structured
Hybrid / Semi-structured
Un-structured

Data Ingestion Engines

Situational Awareness
Orchestration & Incident Response
Knowledge Management

Machine Learning & Reasoning
Data Science Engines
Parsing / Indexing / Normalizing
Contextual Enrichment

Data Analytical Engines

Data
Information
Knowledge
Wisdom

Engineering integration

ST Electronics
Co-Confidential
Thank You