



IoT Risk Assessment and Management discussion panel

IOTWeek Aarhus 17-21 June 2021

IOT COMPETENCE CENTER

At SGS, we strongly believe in the huge potential of Internet of Things (IoT) to shape the way we do our core business providing innovative services, higher customer satisfaction, best operational efficiencies and new business models. IoT can help SGS to leverage on accumulated knowledge and experience on performing the standard portfolio of SGS' Inspection Services by introducing innovative and smart ways of doing business

WHEN YOU NEED TO BE SURE





SGS IOT COMPETENCE CENTER PARTNERSHIP WITH SWISSCOM, VODAFONE AND MICROSOFT

The digitalization of inspection services is rapidly expanding as the IoT market is growing by 7% per year. To accelerate the digitalization of its services, SGS has partnered with leading telecommunications companies Swisscom and Vodafone to build an IoT Competence Center in Madrid.

Swisscom and Vodafone will provide a dedicated secured IoT network to send the collected data which will then be stored and analyzed by SGS inspectors” with “Swisscom and Vodafone will provide a dedicated secured IoT network to transport the collected data from the sensors to be stored on Microsoft’s dedicated IoT Cloud Hub solution so to be monitored and analyzed by qualified SGS inspectors.

Our Mission is to lead and support the SGS Digital Transformation towards the Next Generation Monitoring Services through providing the state-of-the art IoT solutions and with the Vision to become the widely recognized point of reference, both internally (SGS) and externally (Business Stakeholders, Partners, Clients, IoT community) in providing the innovative, sustainable and cost efficient IoT solutions.



GLOBAL SERVICES TAILORED
TO **INDIVIDUAL INDUSTRIES**

**SGS IS THE
WORLD'S
LEADING
INSPECTION,
VERIFICATION,
TESTING AND
CERTIFICATION
COMPANY**



**INSPECTION
VERIFICATION
TESTING
CERTIFICATION
CONSULTANCY
OUTSOURCING
TRAINING**



AT A GLANCE



N°1
WORLD LEADER

95 000
EMPLOYEES

2 400
OFFICES AND
LABORATORIES



11
GLOBAL
INDUSTRIES

**GLOBAL
SERVICE
LOCAL
EXPERTISE**

REQUIREMENTS AND RISK MANAGEMENT

SUCCESSFUL IOT IMPLEMENTATION STARTS WITH ASSESSING THE RISK
STARTING FROM THE DEFINITION OF BUSINESS REQUIREMENTS

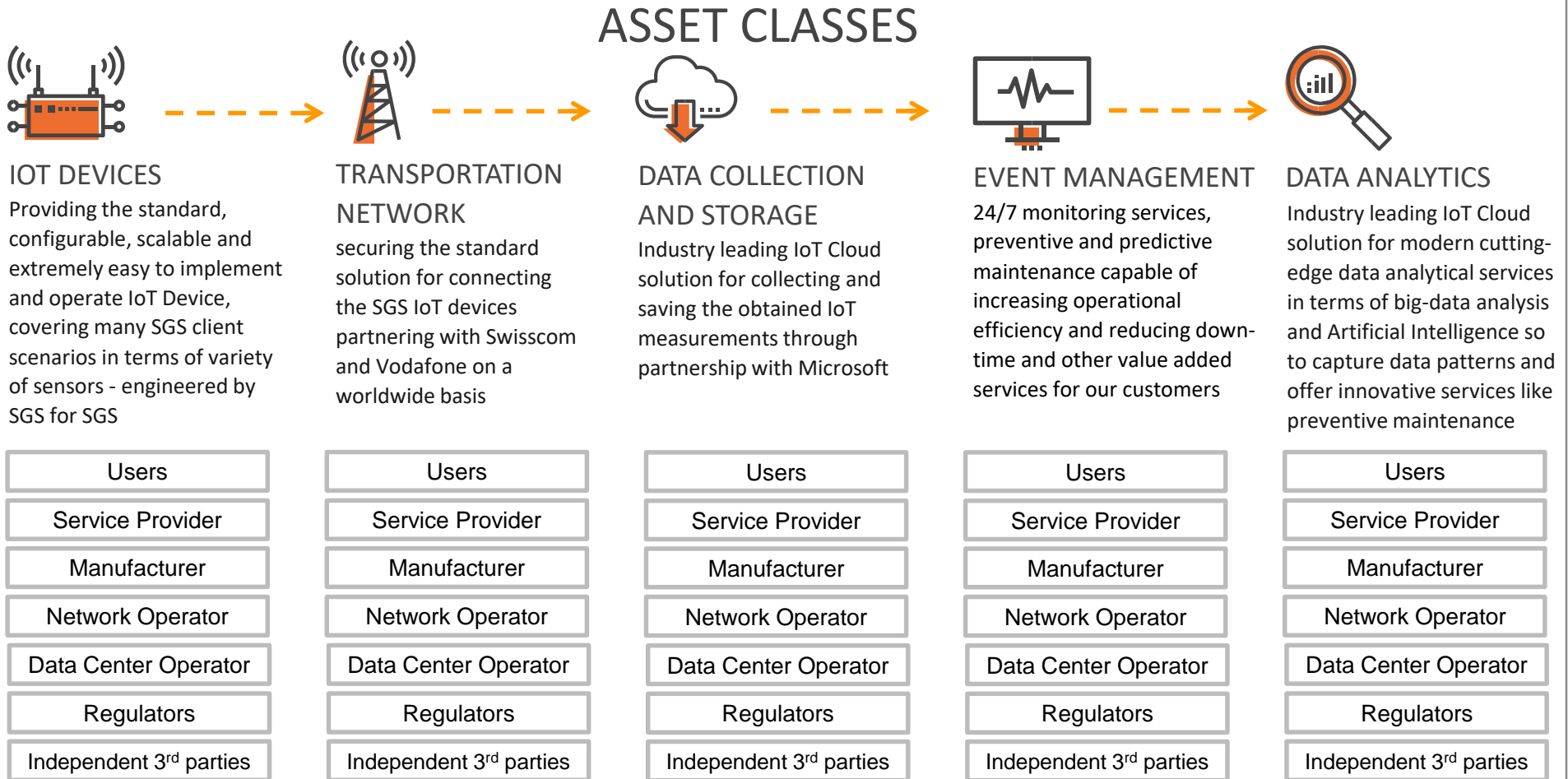
- Requirements are the functional properties that an application or system must support in order to fulfill its intended objectives efficiently and effectively
- Requirements can be broad and wide ranging, addressing everything from graphical user interfaces to engineering feeds and speeds. Security requirements are a (usually overlooked) subset of the overall requirements.



ASSET CLASSES AND STAKEHOLDERS

SGS IOT RISK ASSESSMENT FRAMEWORK

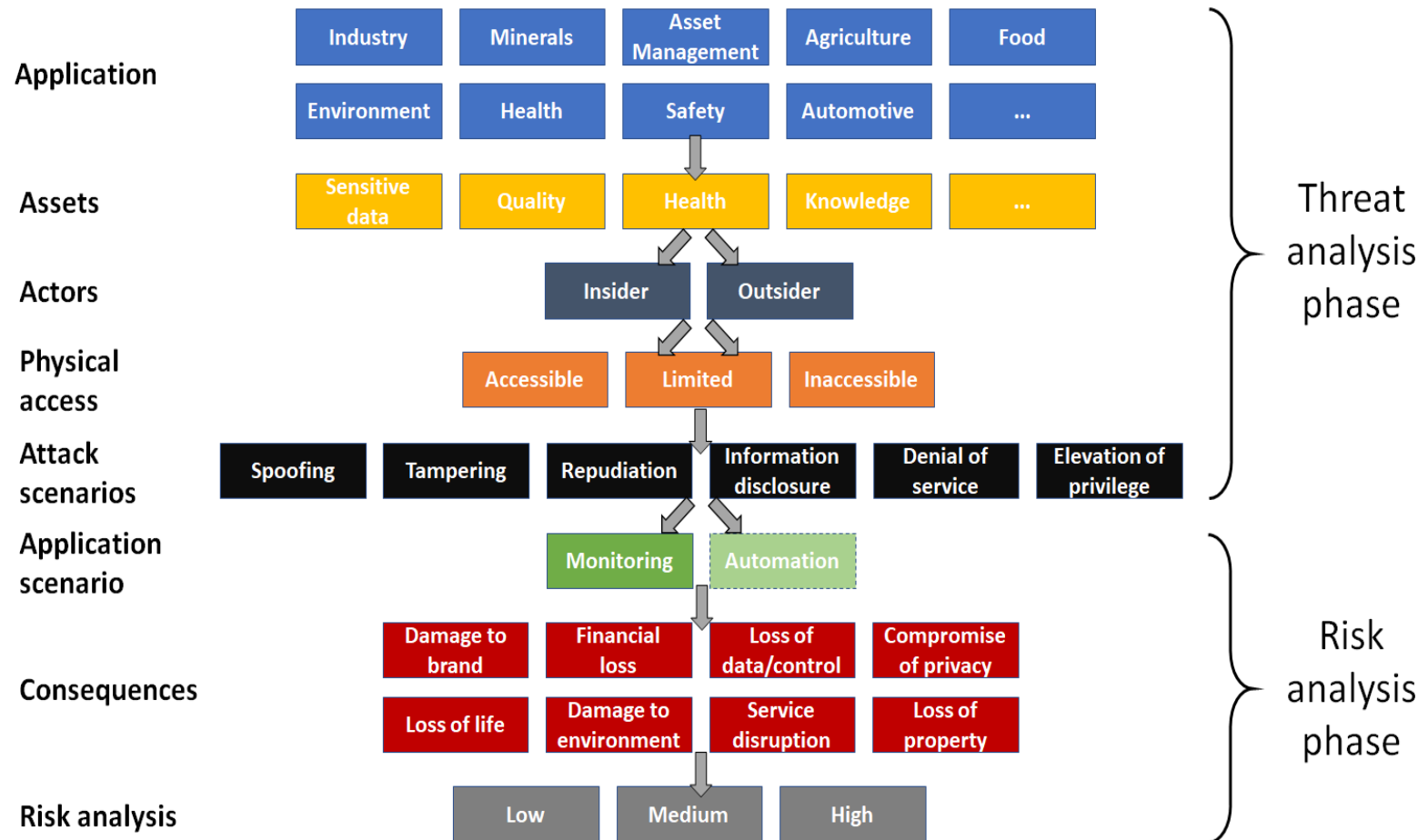
We're aiming to provide the whole data value chain in the IoT standard offering end-to-end from device to client services to ensure best inspection services to customers



IOT RISK ASSESSMENT AND MANAGEMENT

GENERAL GUIDANCE

■ SGS Implements the Standardized Risk Assessment Framework



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