

7th  
**UCAAT**

User Conference on  
Advanced Automated Testing



Bordeaux, 22-24 October 2019



# ETSI TC MTS WELCOME

Presented by Dirk Tepelmann, ETSI TC MTS Chairman

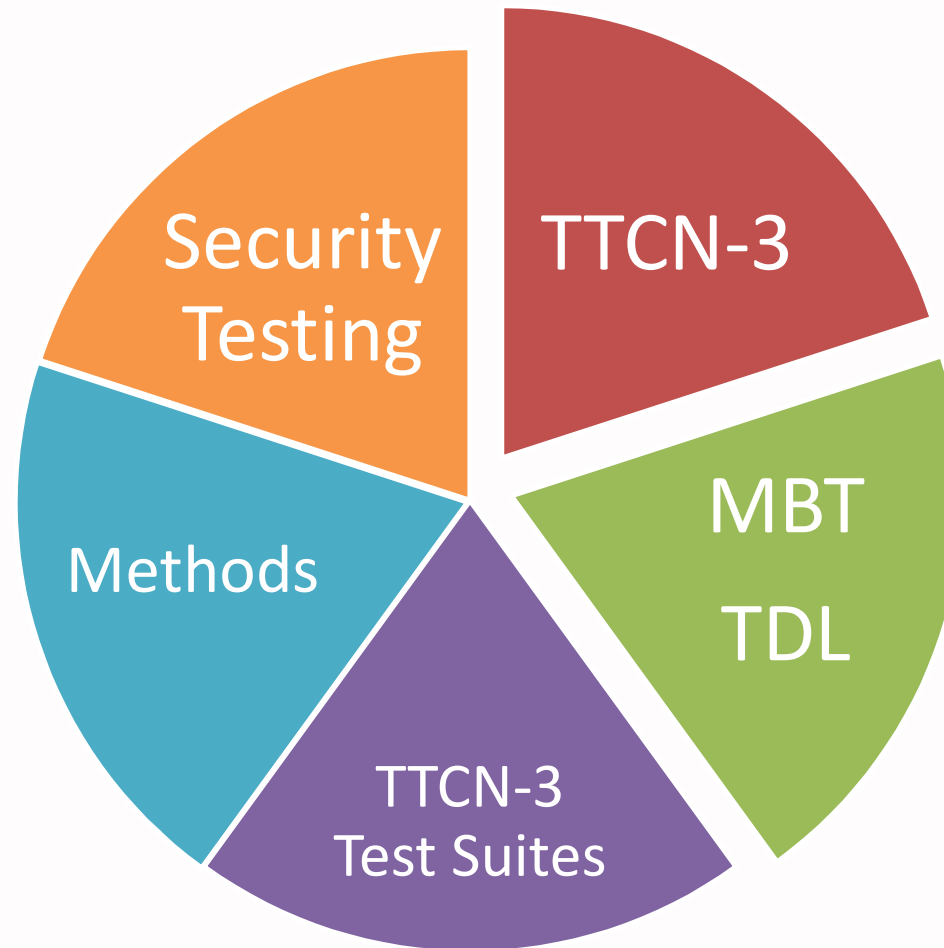
## Who is ETSI TC MTS?

- **M**ethods for **T**esting & **S**pecification
- Creates guidelines, frameworks, notations, and methodologies
  - Independent of application domains
- **GOAL**
  - High-quality Standards
  - Efficient Testing

Did you know that **YOUR PHONE...**



# What is ETSI TC MTS Standardizing?

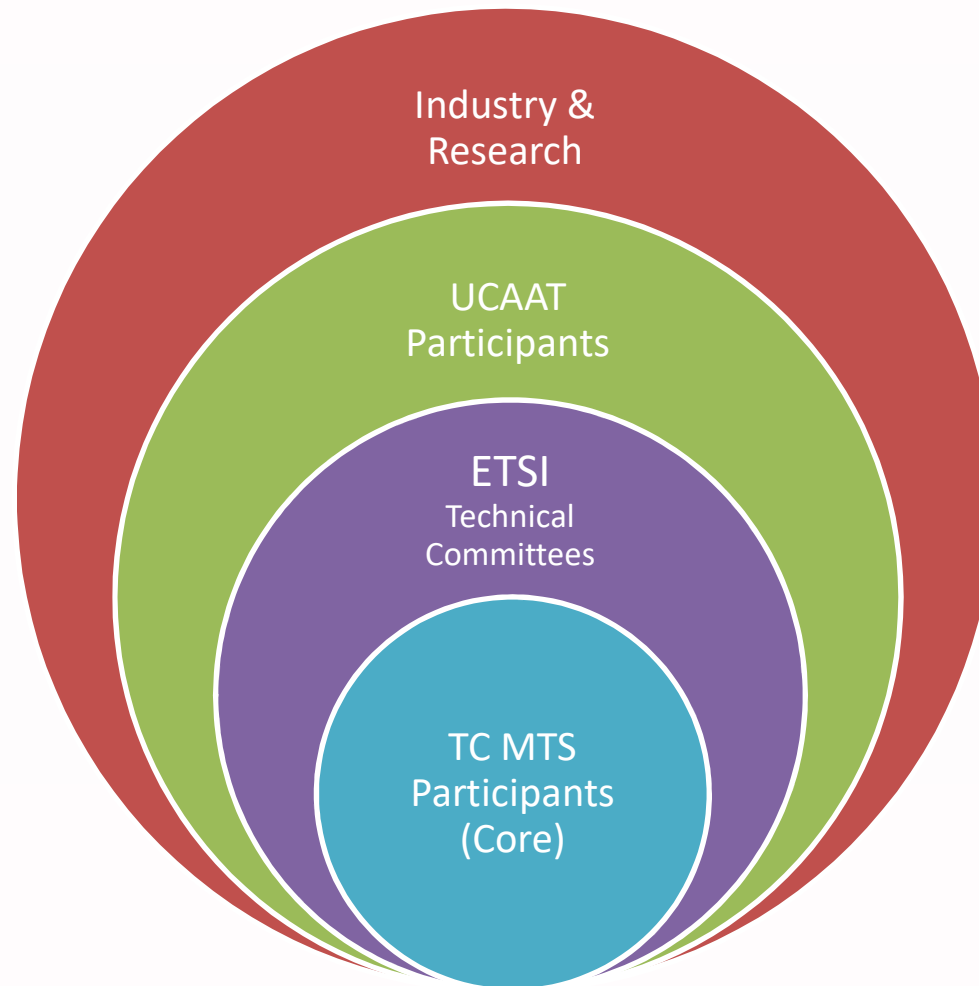


## Usage of MTS standards

➔ Example Application Domains using TTCN-3  
(the standardized Testing and Test Control Notation)

- IoT
- Telecom
- Automotive
- Medical
- Power Transmission and Distribution
- Financial
- Avionics
- Etc.

# Who Affects ETSI TC MTS Work?



## ETSI MTS Working Group TDL

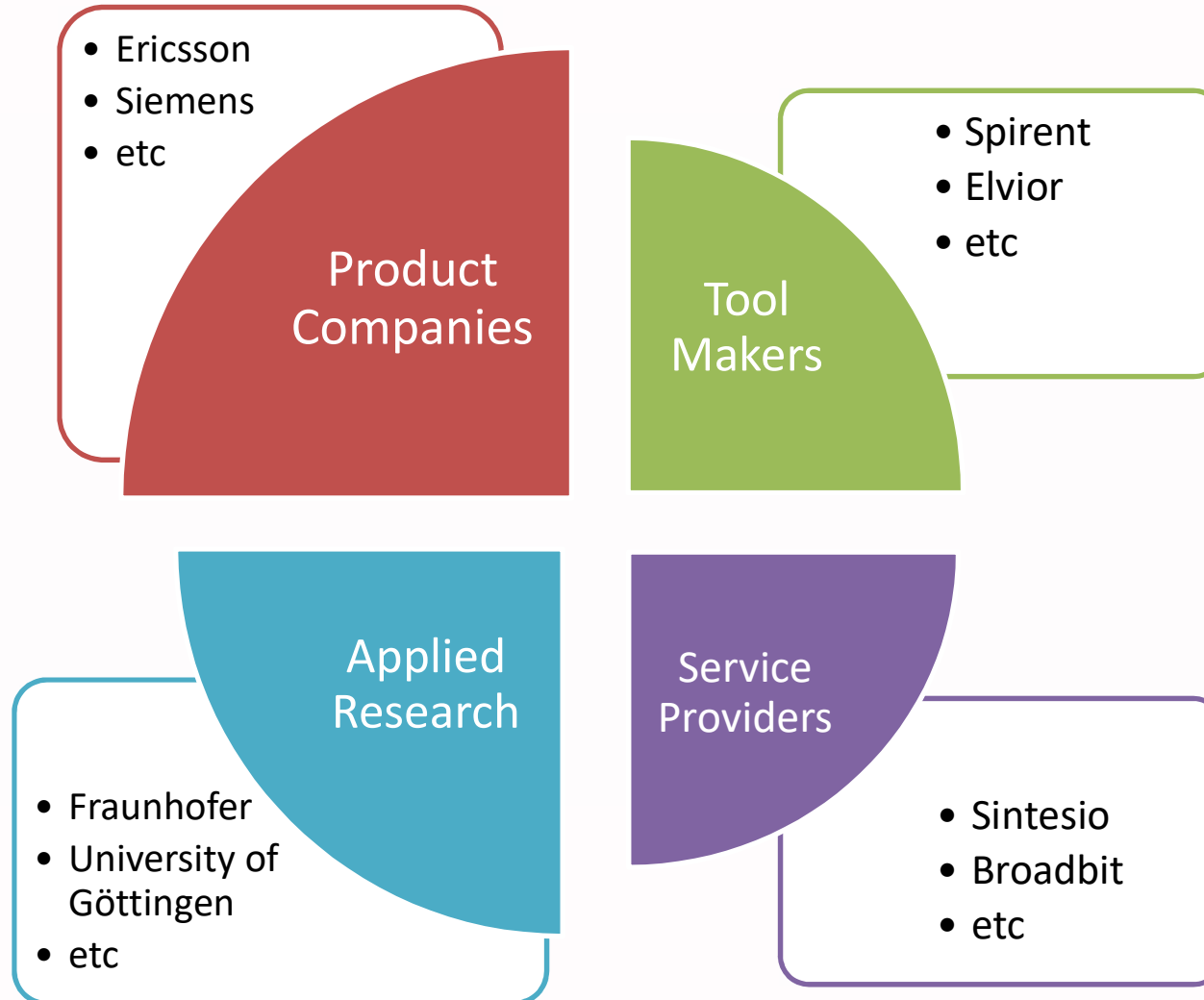


- Manages everything related to
  - The ETSI Test Description Language (TDL) and
  - The TDL Open Source Project (TOP)
- Standardization of new language concepts and syntaxes
- Coordination of the development of TDL tools, e.g. editors, based on Eclipse
- Website: <https://tdl.etsi.org/>

## ETSI MTS Working Group TST

- Develop studies, guidelines, test catalogues and test specifications
- Initial technical focus include: IoT protocols (MQTT, COAP, LoRaWan), Security Test purposes (IEC 62443)
- Cooperation with Eclipse project IoT-Testware
- More information:  
[https://portal.etsi.org/tb.aspx?tbid=860&SubTB=860  
#/lt-50611-work-programme](https://portal.etsi.org/tb.aspx?tbid=860&SubTB=860#/lt-50611-work-programme)

## Who is the Core of ETSI MTS?





## Interested?

- Get more information & contribute!
  - Attend an MTS meeting as ETSI member or as guest of TC MTS
    - Three annual meetings at different locations
  - Actively work in Special Task Force(STF) teams
    - Currently running 3 different STFs
  - Contribute your interests or needs in Testing
- Visit the ETSI booth orb <http://portal.etsi.org/MTS> !