

MIR<sup>3</sup> 09/2018

Breakout session report:  
IoT / Edge Computing

# Where does 'edge' make sense?

- Back in the old days, everything was 'edge'
- Discussion only possible per use case
- Fancy use cases where edge actually needed

# Why would we then want the edge?

- Edge no replacement for cloud
- Tension between edge and cloud?
- For certain stakeholders, edge makes sense
- Industry demand / vision for edge still unclear

# But it must have some advantages?!

- Flexibility
- Hide network quality → which services run on the edge?
- Some devices only accessible from nearby
- Deploy 'the edge' automatically where needed
- Large challenge: need for platform to provide 'edge' service

# Data security and the edge

- Still a problem with M2M communication?
- Outsourcing data to the operator better than cloud provider?
- Civil services: governments have a stake

# Questions for the panel

- What are the 'killer applications' for the edge?
- Can we talk about 'the edge' without knowing for which application/service it is used?
- How to avoid using the cloud/edge in cases it is not needed?
- How to balance cloud and edge computing? How to decide, even if the application is known?
- How edge computing can automate communication and sensing?