



What drives quality in real-field for IoT

Presentation Abstract

By introducing the 3GPP LPWA technologies LTE-M and NB-IoT, mobile network operators around the world are making their cellular networks ready for the Internet of Things. These technologies have several common characteristics that make them suitable to serve a wide range of applications and diverse deployment scenarios for utilities, industry, building automation, agriculture, transport, smart cities as well as consumer wearable devices. For a critical IoT application the service quality requirements may be high in some aspects but for massive IoT the requirements are in many scenarios foreseen to be quite relaxed. But relaxed requirements doesn't mean that there are no requirements. We have seen that there is a pressing need from both the operators and their IoT customers to have a "common language" that can be used to define application requirements and match them with network service selection and provision, i.e. defining the "The Machine Experience" . The presentation will propose a way forward to define the application profiles, their service quality requirements and possible test scenarios.