

# ONE5G / E2E aware Optimizations and advancements for the Network Edge of 5G New Radio

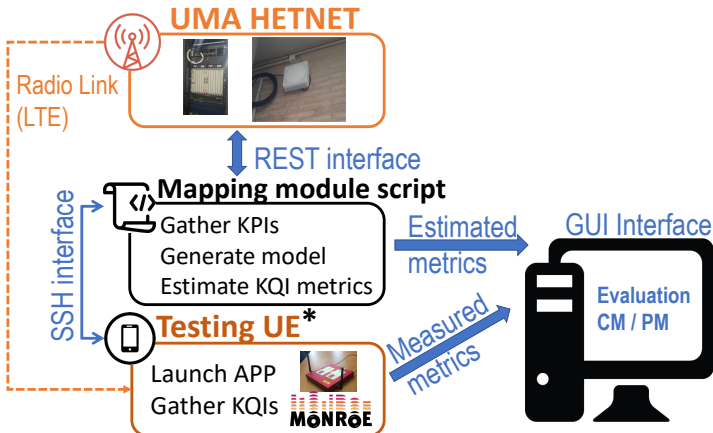
## UMA ONE5G Demonstration in EUCnC 2018

### KPI-to-KQI metrics mapping

#### Towards 5G user-centric network management

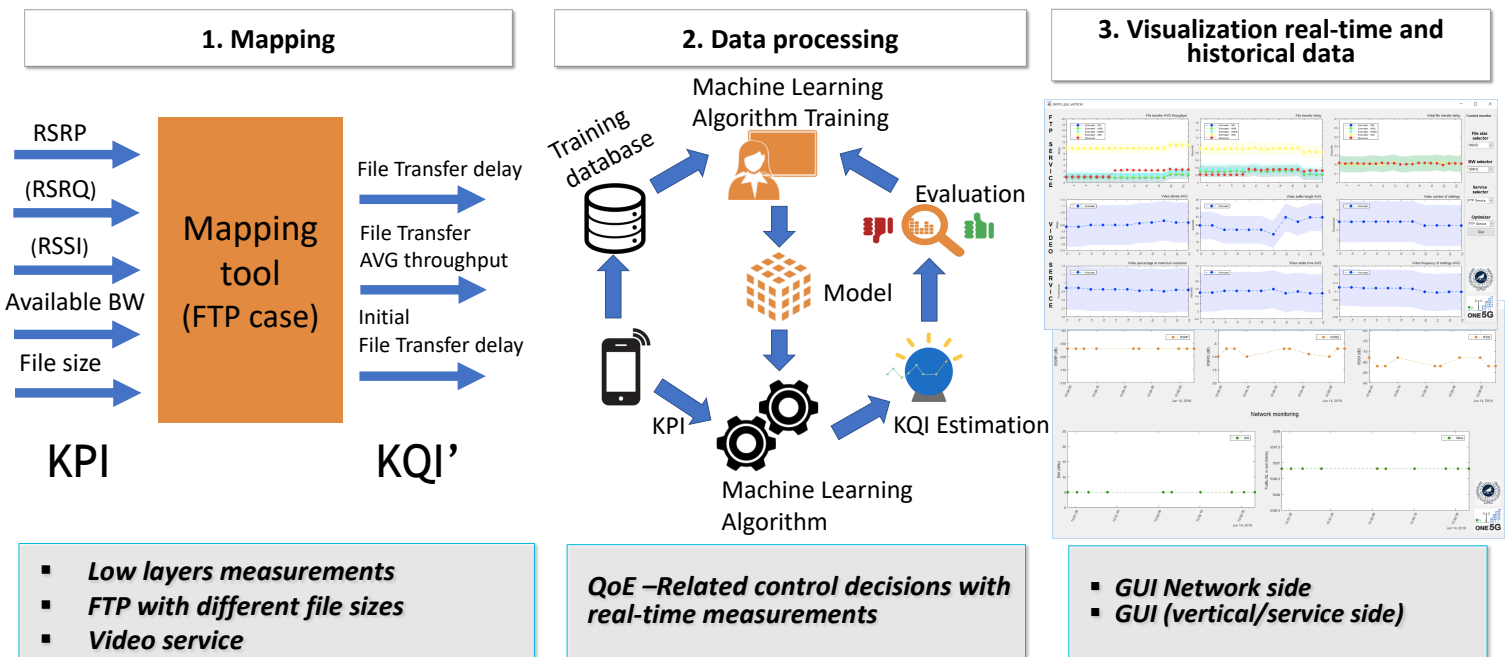
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### Scope and Approach



- ❑ Classic KPIs are not enough to fully optimize and grasp the status of the network status.
- ❑ Service-oriented analysis is one of the main characteristics to consider in the management of 5G networks
- ❑ Representation of KPI and associated KQIs under different circumstances and applications
- ❑ Impact of different services
- ❑ Network adjustment to service change

### Architecture



### Main Benefits

- ❑ **Service oriented 5G network management to support quality of experience requirements**
- ❑ Data-driven architecture for **enhanced user experience** in the context of 5G networks
- ❑ Technologies for serving a wide variety of **emerging services**
- ❑ Efficient mobile network operation in a **standardized QoE monitoring architecture based on KQIs**



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#### MORE INFORMATION

[www.one5g.eu](http://www.one5g.eu)

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\* H2020 MONROE nodes  
used as testing UE equipment

