End-to-end e-health, factories of the future, e-transport inter
building/enclosed environment communications

Management
Application
Plane

Control
Plane

Data
Plane

Software Defined
Home Network

Remote Radio-Light
Head Network

Gbit Ethernet

Intelligent
Light
Roses

Half
Duplex
mmWave

Multifunctional
MIMO VLC

SDHN
Controller

NFV
Applications

NFV
Applications

Control

5G Core

WLAN/HeNB

Intelligent
Light
Roses

5G Core

HeNB

SDN Controller

Macro Station (eNB)

5G-PPP Information Day for ICT-19 proposers

PoE or PoF or POF

Visible Light Coms

mmWave duplex

WLAN duplex

WLAN/HeNB

SDN Enabled
Intelligent
Home IP
Gateway
End-to-end e-health, factories of the future, e-transport
inter building/enclosed environment communications

Requirements

- How close is the physical location of the core networks to the RANs?
- What VNFs and their performance requirements require to be supported?
- What Opex / Capex mix is required?
- What level of abstraction of infrastructure is required? Vertical, Network, Platform Infrastructure, Slice;
- What level of customisation, management, and control of infrastructure is required?
- What level of autonomous operation is required?
- What level of accommodation of RAN networks can be accommodated?
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Looking for:

- Experts in 5G Security
- Light system manufacturer
- Factories and/or Workshops
- Car Manufacturers
- Train Transport Manufacturers / Operators

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