

# The Future ..... ..... In 20 Minutes



..... Alcatel-Lucent 

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**30x**

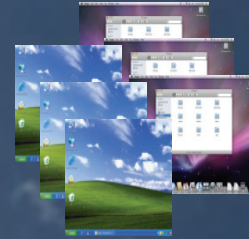
**OPPORTUNITY  
AHEAD**





Latency (ms)

Computing



GB, seconds

Storing



GB, BW (mean, var)

Streaming



GB, BW (mean, var)  
latency (ms)

Gaming



Latency (ms), BW (mean)

Communicating

videoKINECT



**QoE**

**APPLICATION**

**APPLICATION**

**ORCHESTRATION**

**TECHNOLOGY + SPECTRUM + FIBRE**

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**CONGESTION + DISTANCE**



**THE FUTURE =**  
**WIRELESS DEVICES**  
**Smart Connected**  
**Through...**  
**THE CLOUD**

**OPPORTUNITY  
AHEAD**

**The Future .....**

**..... How do we get there?**





# TODAY



.....  
AT THE SPEED OF IDEAS

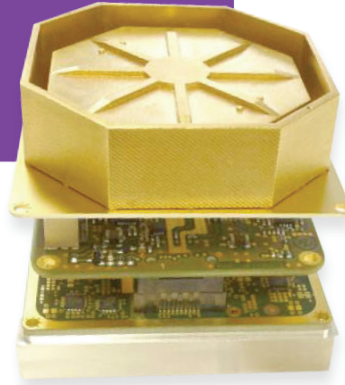
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**TOMORROW?**



# METHODOLOGY



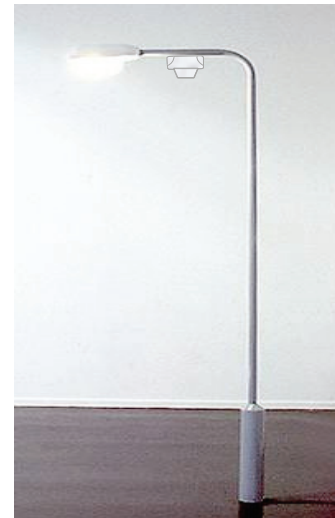
## Making antennas invisible



*On a façade*



*On a pole*



*On a lamp post*



*In a bus stop*

# The Future =

# Wireless Devices ....

# .... Smart Connected Through The Cloud



AT  
THE  
SPEED  
OF  
IDEAS