

Panel #2

“On the Advanced Cloud Infrastructures and Services”

A global view on the business priorities, opportunities, fundamental challenges, key enabling technologies and tools for cloud adoption and market uptake, especially in Europe”

EUCNC2014

2014-06-25

NOKIA

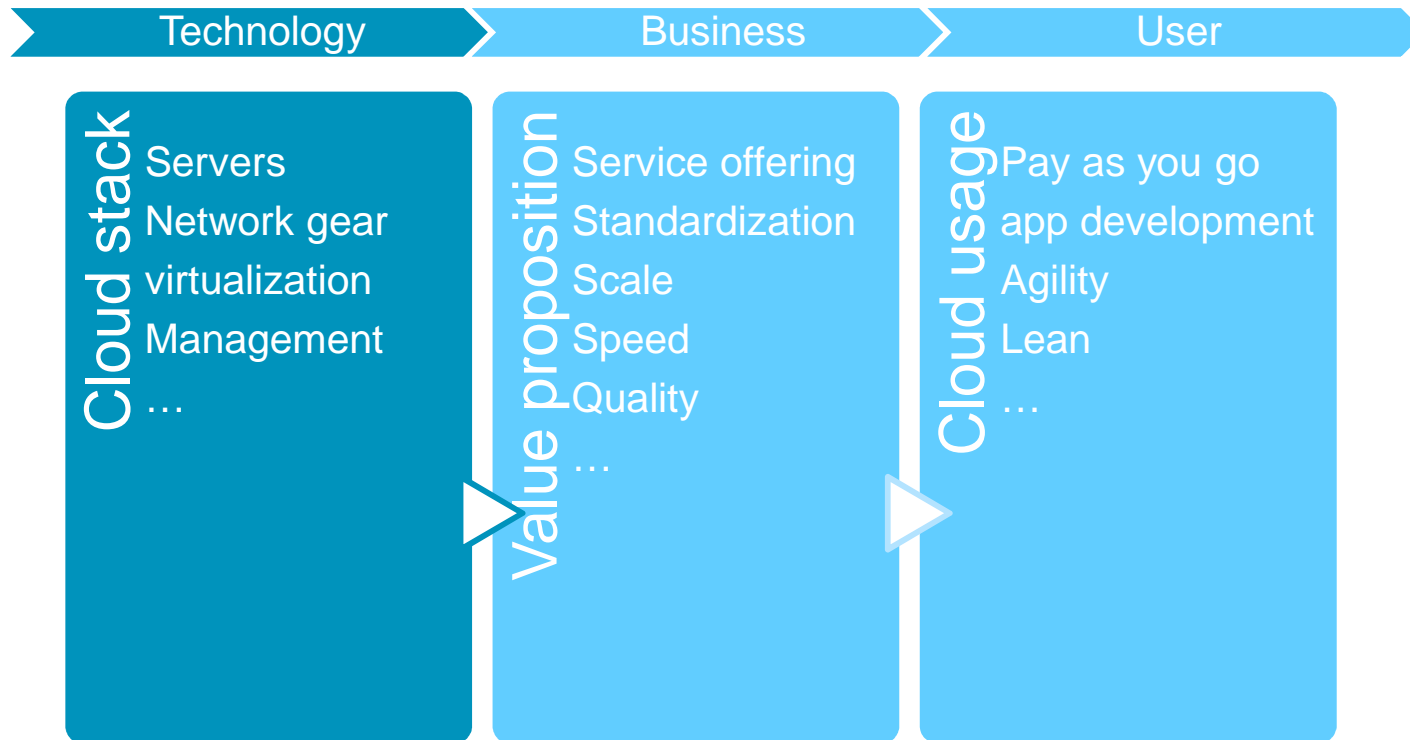
A man in a dark suit stands on a rocky peak, holding a laptop. The background is a bright blue sky with scattered white clouds. The word "services" is written in yellow text above the man, "networks" is written in pink text to the right of the man, and "5G" is written in red text to the left of the man.

services

networks

5G

Cloud Computing – simplified value chain



Cloud everywhere

today

Private life:

- social media
- cloud storage
- apps

Enterprise IT:

- IaaS
- PaaS
- SaaS
-

soon

Society:

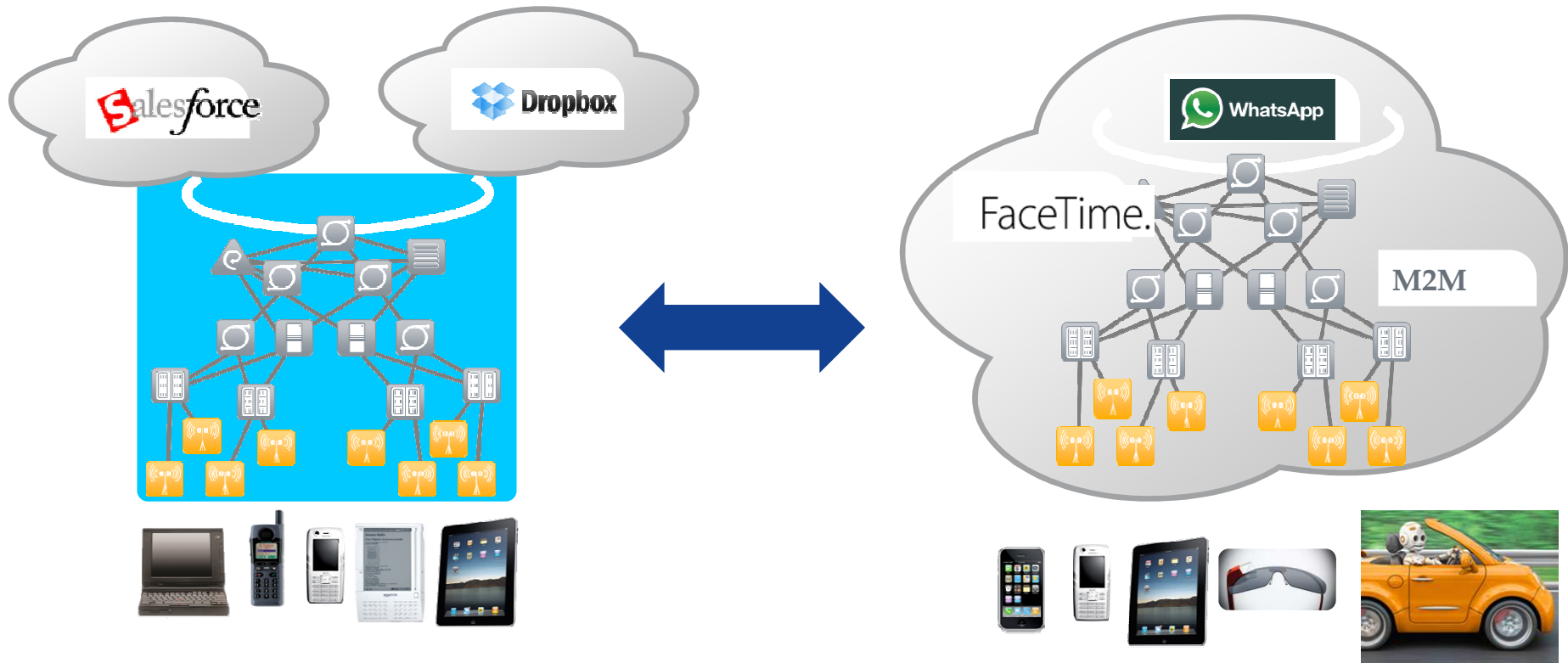
- eHealth
- eGovernment
- eEducation
- Telematics

Networks:

- network cloud
- as a service
- personalized

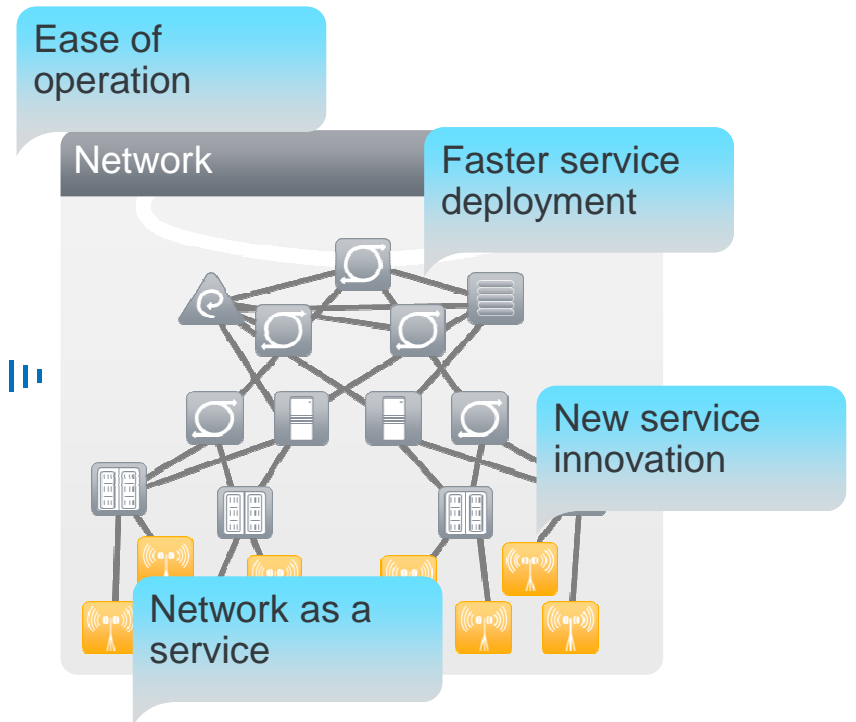
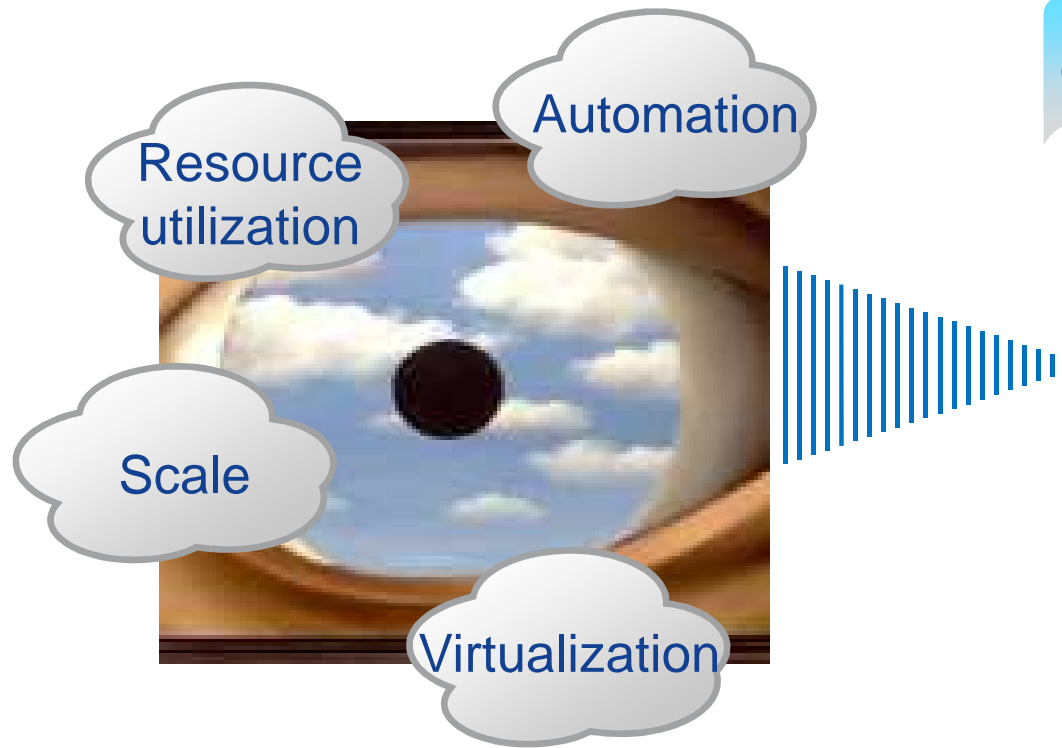
Networks support cloud – cloud runs the network

Networks and services „merge“



Leveraging cloud paradigms

SDN – „Cloud“ - NFV



On the panel



Linda Strick
 **Fraunhofer**
FOKUS



Holger Macho




Diego R. Lopez
Telefonica



Johannes Prade
NOKIA

Some questions

- How to deploy and manage federated and decentralised cloud infrastructures?
- What does it require to enhance dynamic configuration, automated provisioning and orchestration of cloud services?
- Can clouds host new and critical services, beyond Web, emails, etc., such as mobile connectivity?
- How to increase trust, security and transparency of cloud infrastructures and services, including data integrity, localisation and confidentiality?
- Can cloud solve the compatibility and technology obsolescence problem for storing and retrieving data?