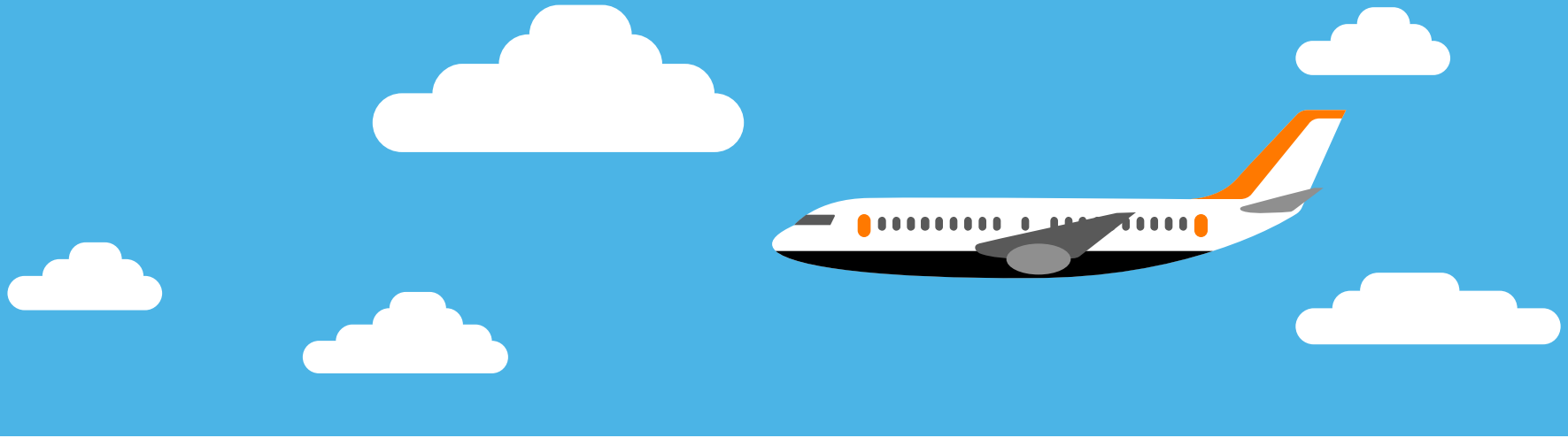

Orange @ OEP FII Iasi

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Who am I?

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“A fully mobile and connected society will empower the value creation towards customers and partners new use cases, flexible delivered and enabled by sustainable business models”

Agenda

Intro

General Mobile communication networks definition

Future networks

Application Use Case for 5G networks

Intro in Cloud

Question / Answers

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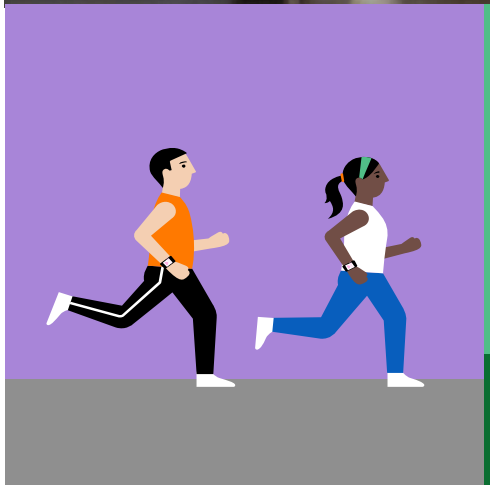
what is the service that the customers value?

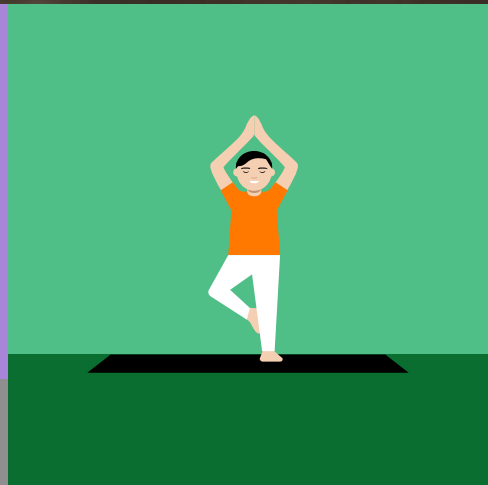
what is the max user throughput to be deliver to the customers?

for which service shall be optimized new technologies?

for what type of service the customer will pay (more)?

what is the expected time for service delivery?





IT

1960
Mainframe

1980
Server-client

2000
Cloud computing

2020
Edge computing

Mobile network

1990
2G - voice

2000
3G – mobile data

2010
4G – smartphone

2020
5G – multiservice

Operational

1970
man

1990
electronic

2000
software

2020
Artificial Intelligence

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future networks

Software Networks

Next Generation
Mobile Networks

Artificial Intelligence

+ flexible

+ smart

+ power

increasing throughput and capacity:

- on wireline access
- on wireless access
- on transport

customer experience:

- where it is essential for our customers
- managing QoS/QoE
- manage costs

prepare next steps

ODN

target network

software networks

Network
Function
Virtualization

Software
Defined
Networks

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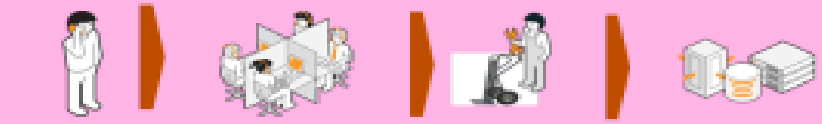
prepare next steps

… software network functions on standard servers

From weeks …



… to minutes to configure a service

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Thank you