



Telecom Networks - Vision 2020

Hannu Flinck


Our vision: Mobile networks are able to deliver one Gigabyte of personalized data per user per day profitably

Key requirements for networks towards 2020...


Support up to 1000 times more capacity




Reduce latency to milliseconds




Teach networks to be self-aware




Flatten total energy consumption



Reinvent Telcos for the cloud



Personalize network experience



...for profitability and a quantum leap in flexibility

The thirst for mobile data will continue to grow exponentially

Support up to
1000 times
more capacity



3D, high- and
ultra-high
definition screens



Video integrated
everywhere



Digital universe
continues to grow
exponentially



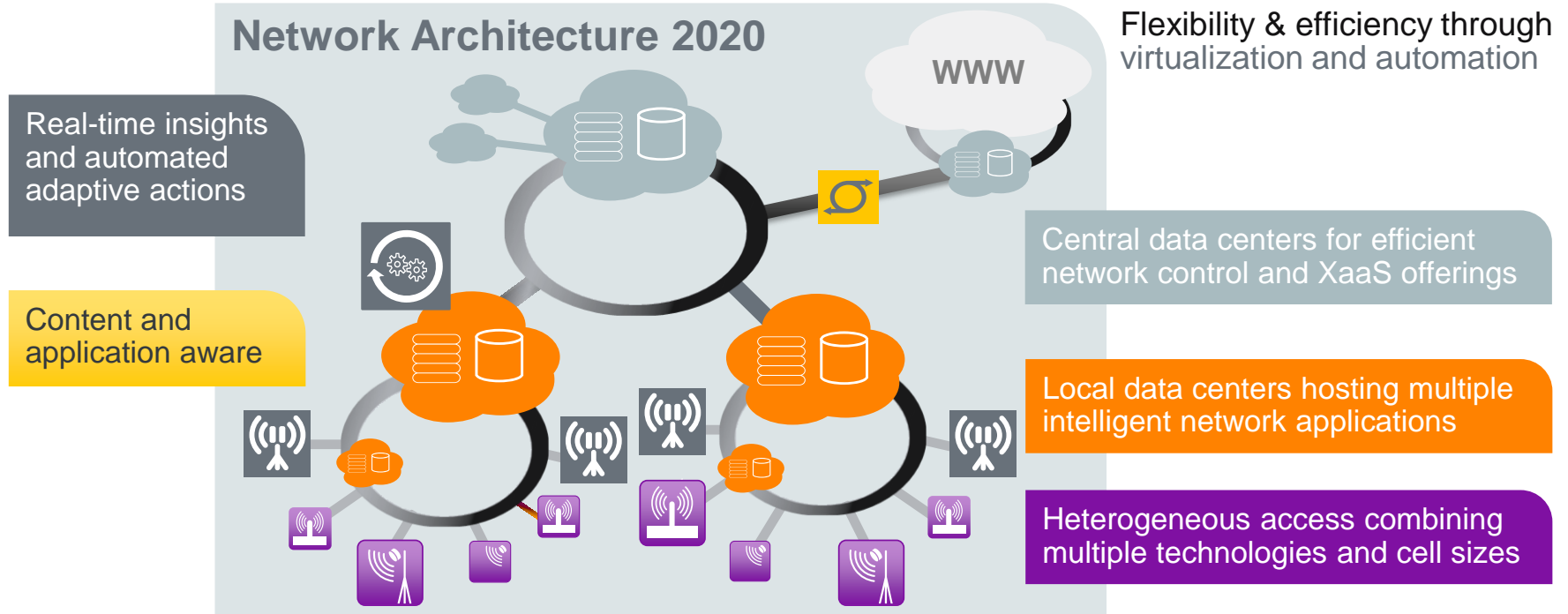
Everything from
and on the cloud



Billions of
connected
objects



Networks need to undergo a fundamental transformation



A futuristic cityscape at night, featuring several tall skyscrapers. The buildings are illuminated with vibrant colors like purple, blue, and orange. In the foreground, there are glowing digital data streams and light trails that create a sense of motion and connectivity. The overall atmosphere is high-tech and modern.

We are future ready
to bring our vision to
reality

**1GB of personalized
data per user per day
profitably**