

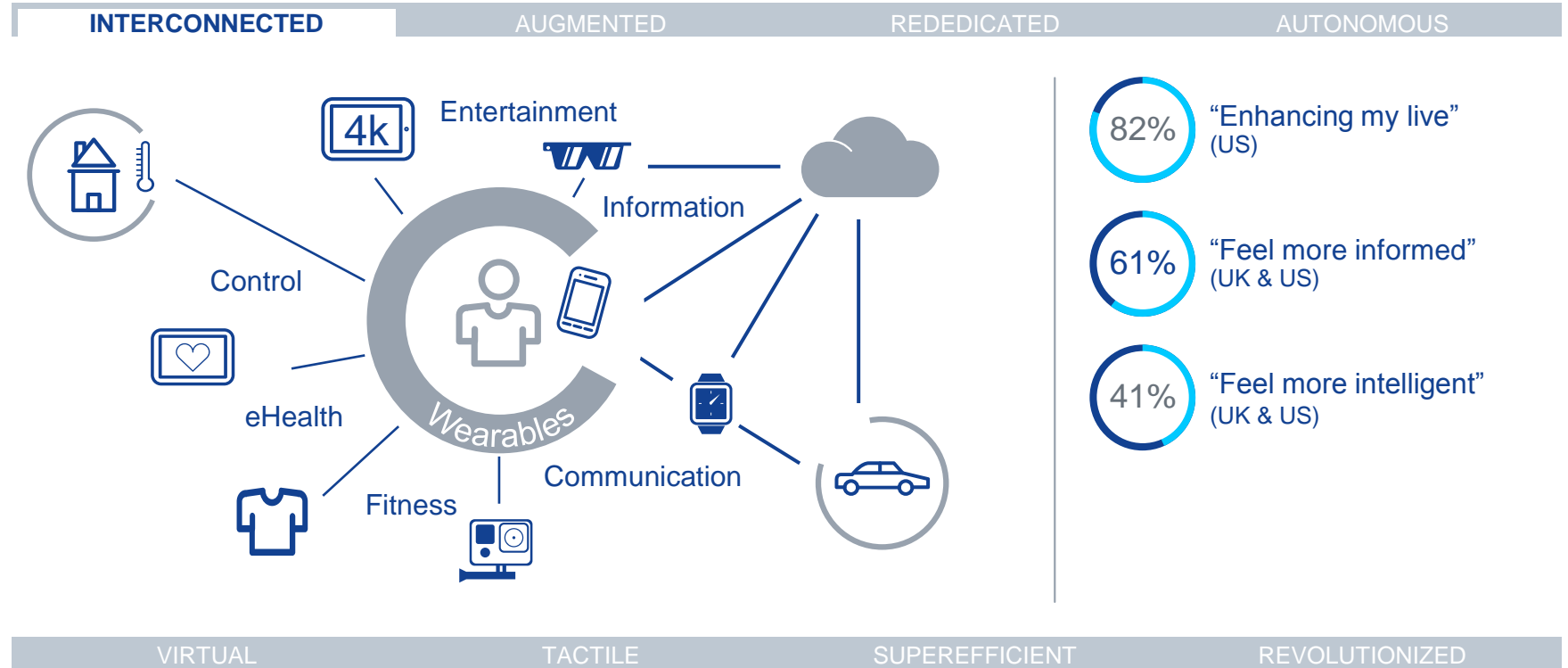
5G for people and things

A Inteligência da Rede estará também na Nuvem?

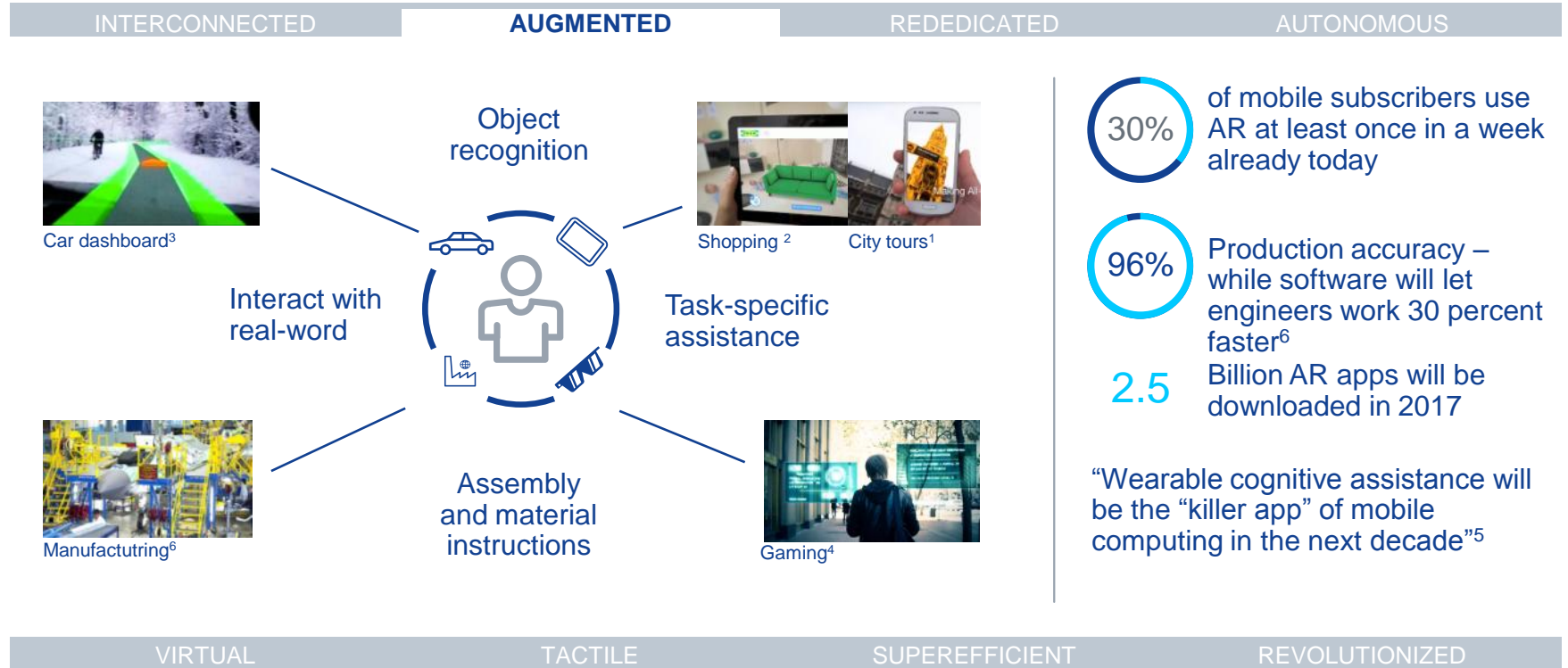
NOKIA

An aerial photograph showing a large crowd of people jumping from a cliff edge. The people are silhouetted against a bright, hazy sky. The word "NOKIA" is overlaid in large, semi-transparent white letters across the center of the image.

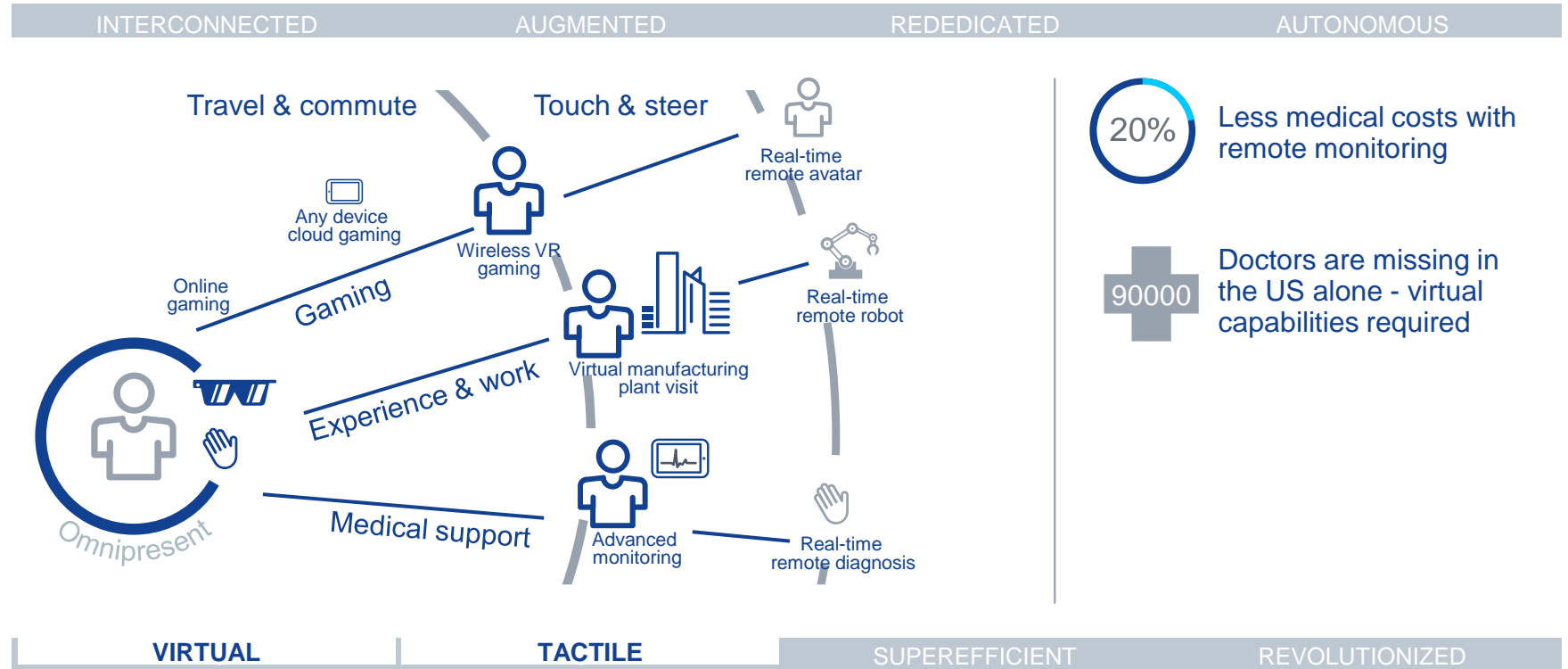
# Your application environment following you anywhere



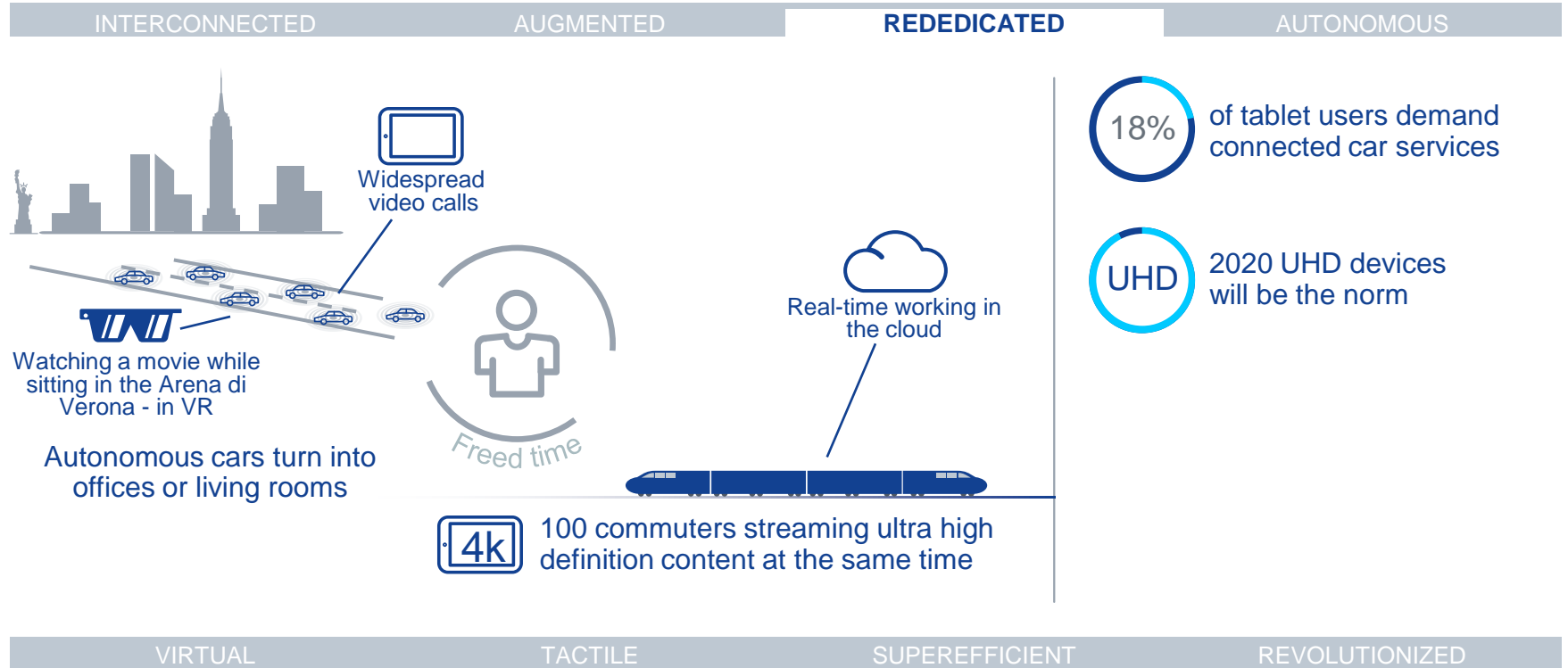
# Enhancing perception of reality in real-time



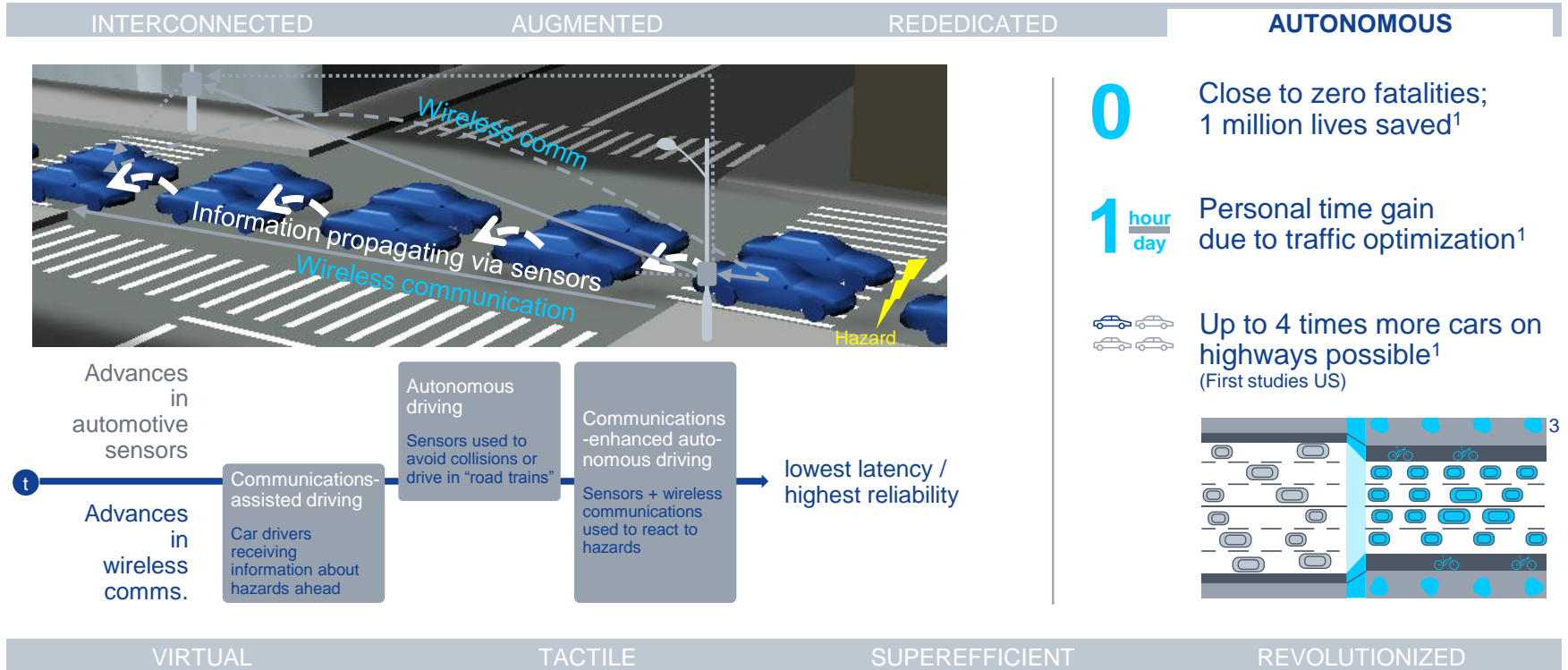
# Virtually present at any place while interacting with real world



# Rededicate commuting time for work & entertainment



# Transforming urban space: autonomous vehicles



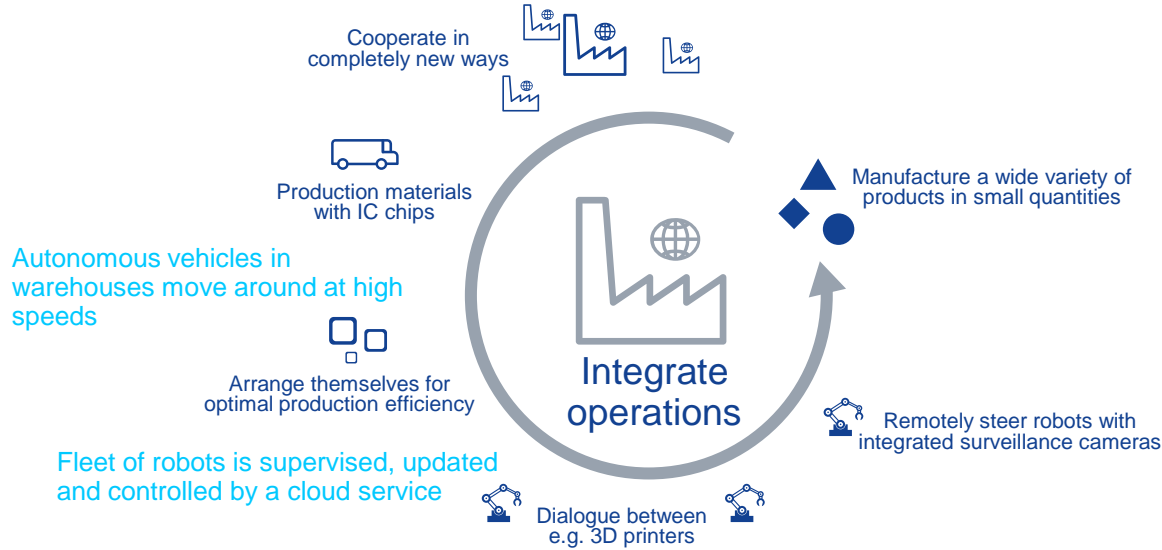
# 4<sup>th</sup> industrial revolution: create an "artificially intelligent" production system

INTERCONNECTED

AUGMENTED

REDEDICATED

AUTONOMOUS



50%

Improvement of manufacturing productivity in 10 years

0

Zero-inventory production system; Minimized labor and energy costs

“4th industrial revolution: Creating an artificially intelligent production system – drastically increase industrial competitiveness”

[Nikkei Asian Review](#)

VIRTUAL

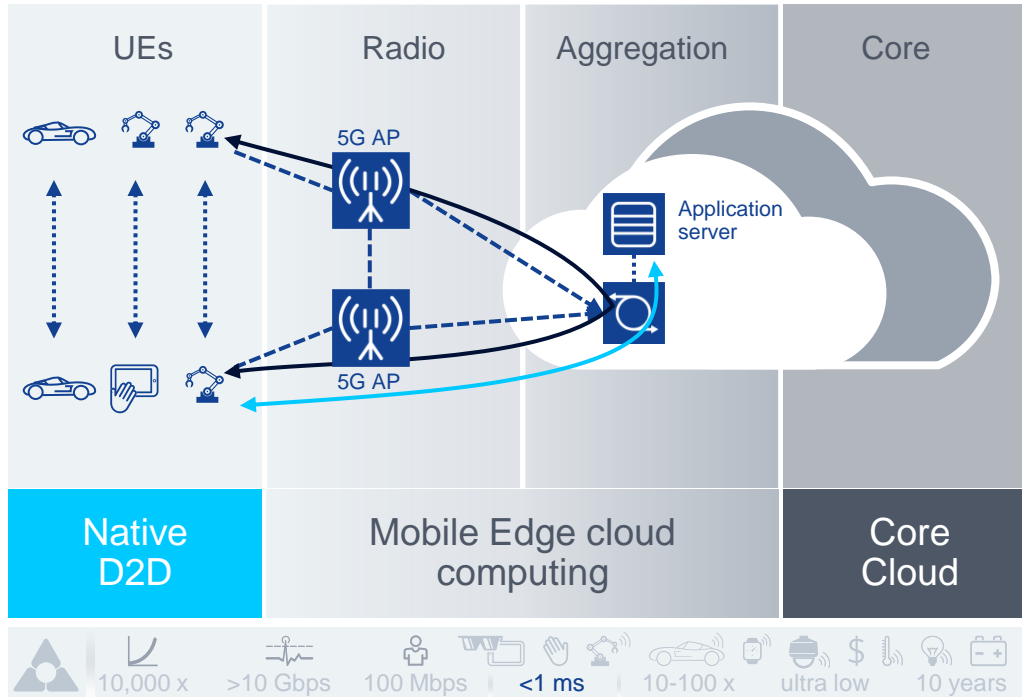
TACTILE

SUPEREFFICIENT

REVOLUTIONIZED

# Fast traffic forwarding | Enabling a new generation of latency critical services

## Lowest latency packet forwarding to UEs



**Moving virtual networks**

**Mission-critical services, e.g. in V2X or industrial applications**

|                     |                 |
|---------------------|-----------------|
| Central cloud based | > 50 ms latency |
| Mobile Edge LTE     | ≈ 10 ms         |
| 5G Edge             | ≈ 2,5 ms        |
| 5G D2D              | ≈ 1 ms          |

Vehicle2Infra trial on German motorway

Pioneer in Mobile Edge Computing

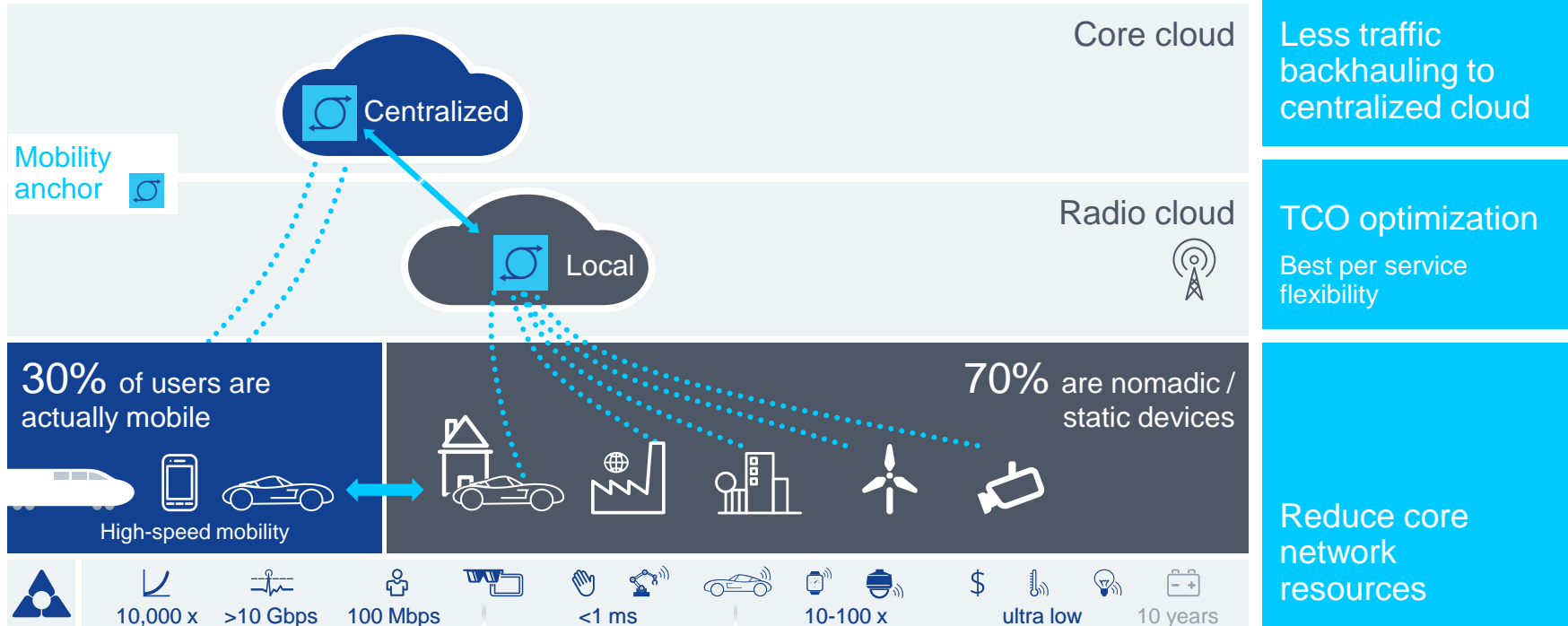
Vehicle2Infra live demos

ETSI ISG Chair



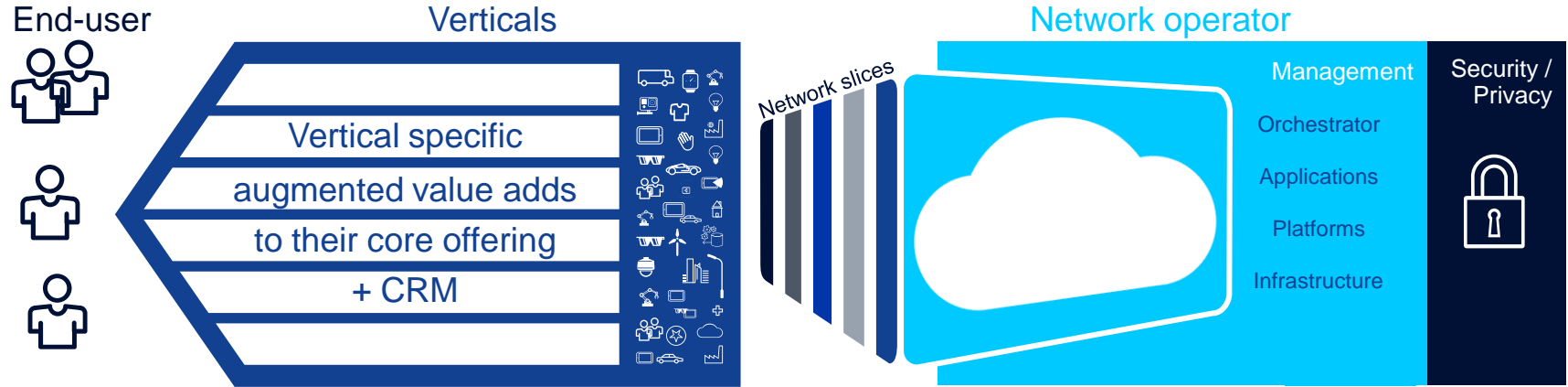
# Mobility on demand | Highly efficient resource utilization

## TCO optimized use of network resources



# Network slicing

Help different industries to transform



## KEY ENABLERS

- Slicing
- Dynamic Experience Management
- Any-to-any connectivity
- Low latency
- Slim radio for IoT

## Network as a Service

Safety & Security | Mobile living | Utility & Energy | Traffic Mgmt. | Auto-motive | Health | Communication | Logistics

Tailored vertical XaaS solutions

**NOKIA**