

Milestones on the Path to 5G

19th Oct 2016

Samsung 5G Summit, Silicon Valley

Kanika Atri

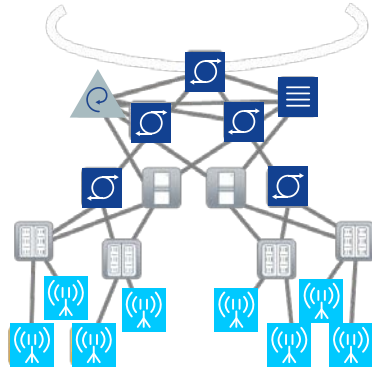
Head of Customer Engagement

Mobile Networks CTO, Nokia



- Small, Invisible
- Follows the user
- Organic
- Green
- Cloud led

Fundamental architectural transformation required to bring future networks to life

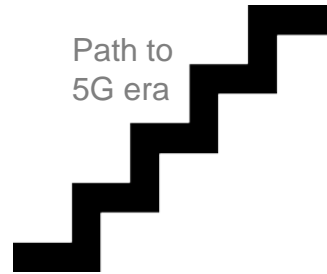


Today

Vertical architecture

Static network design and services

Closed



Path to
5G era



Future

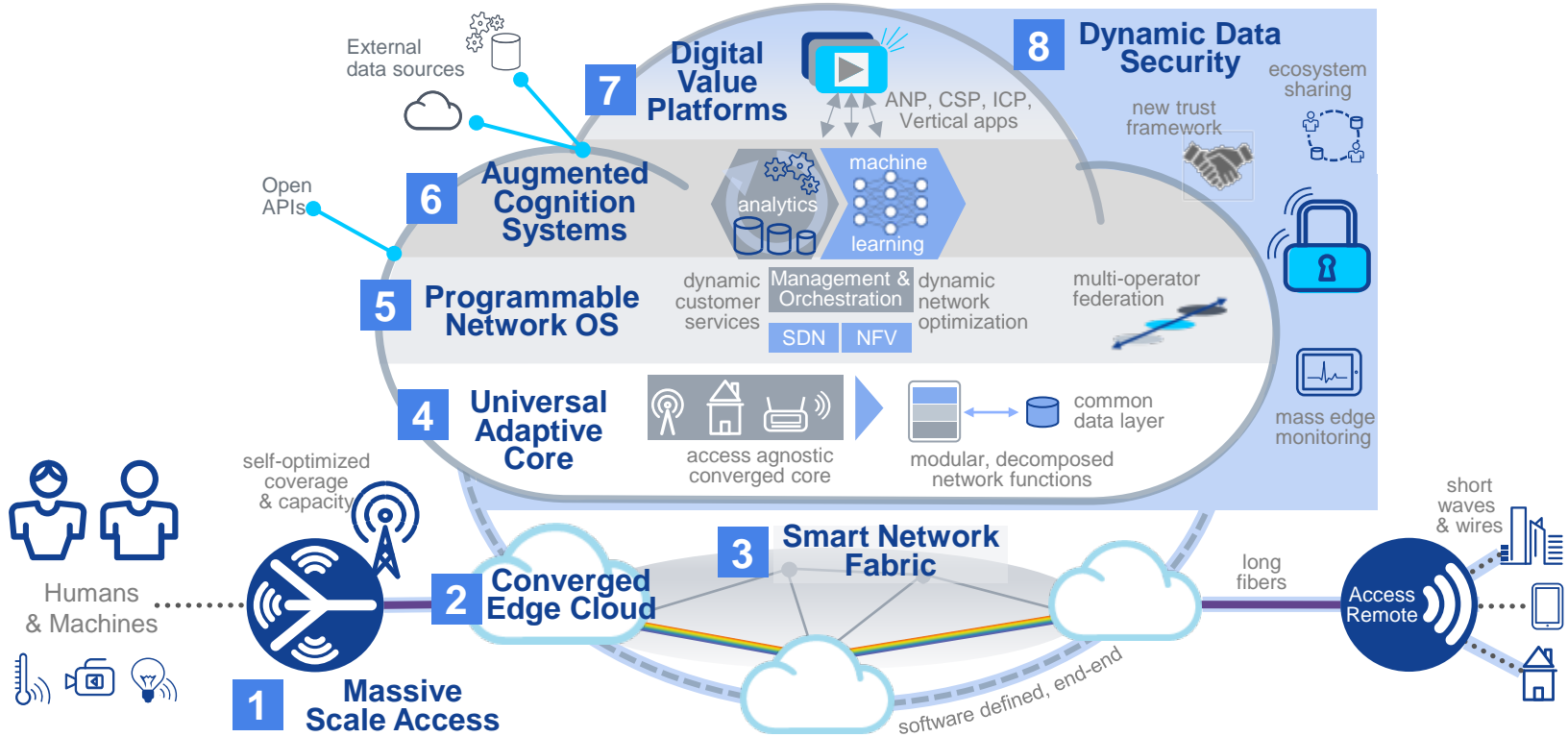
Cloud Optimized architecture

Dynamic network design and services

Open

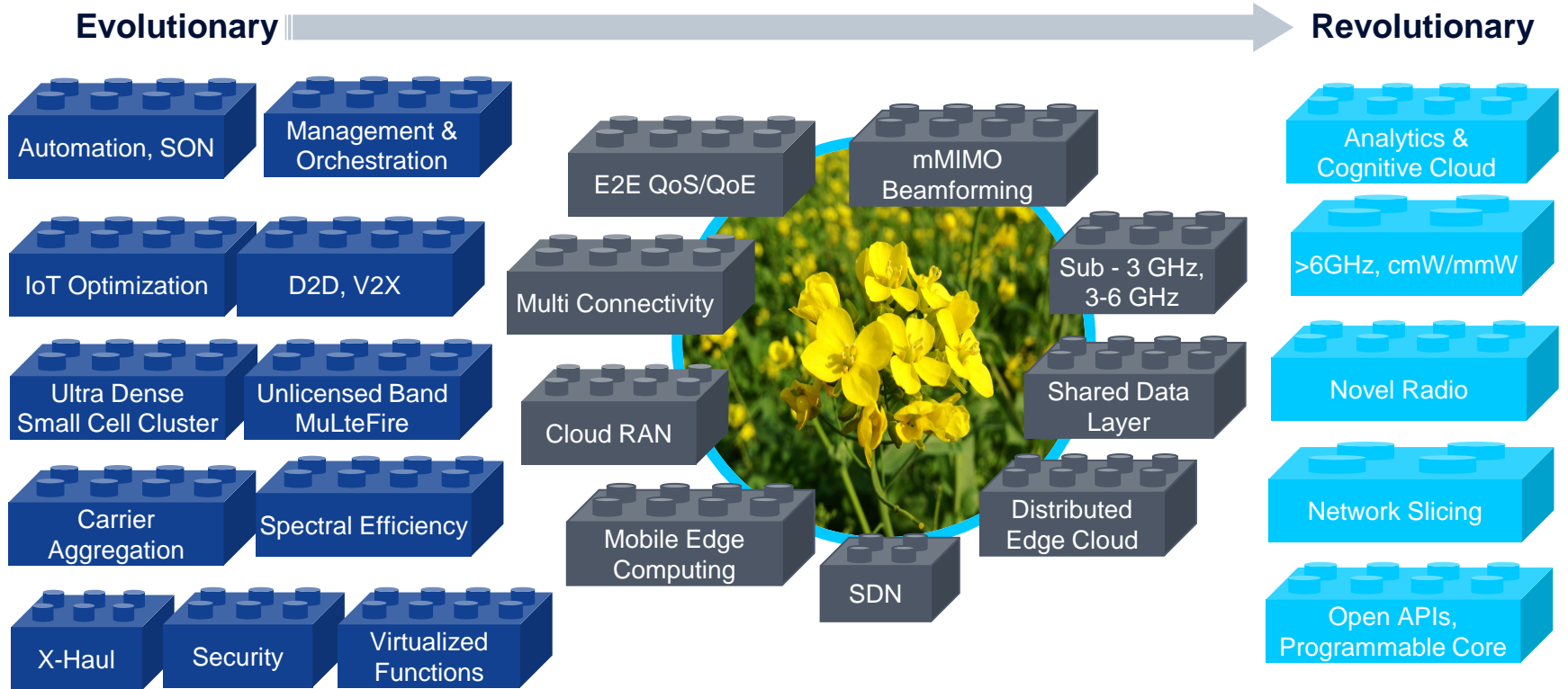
Future-X network architecture vision for the 5G era

Cognitive, converged, cloud-optimized network evolution

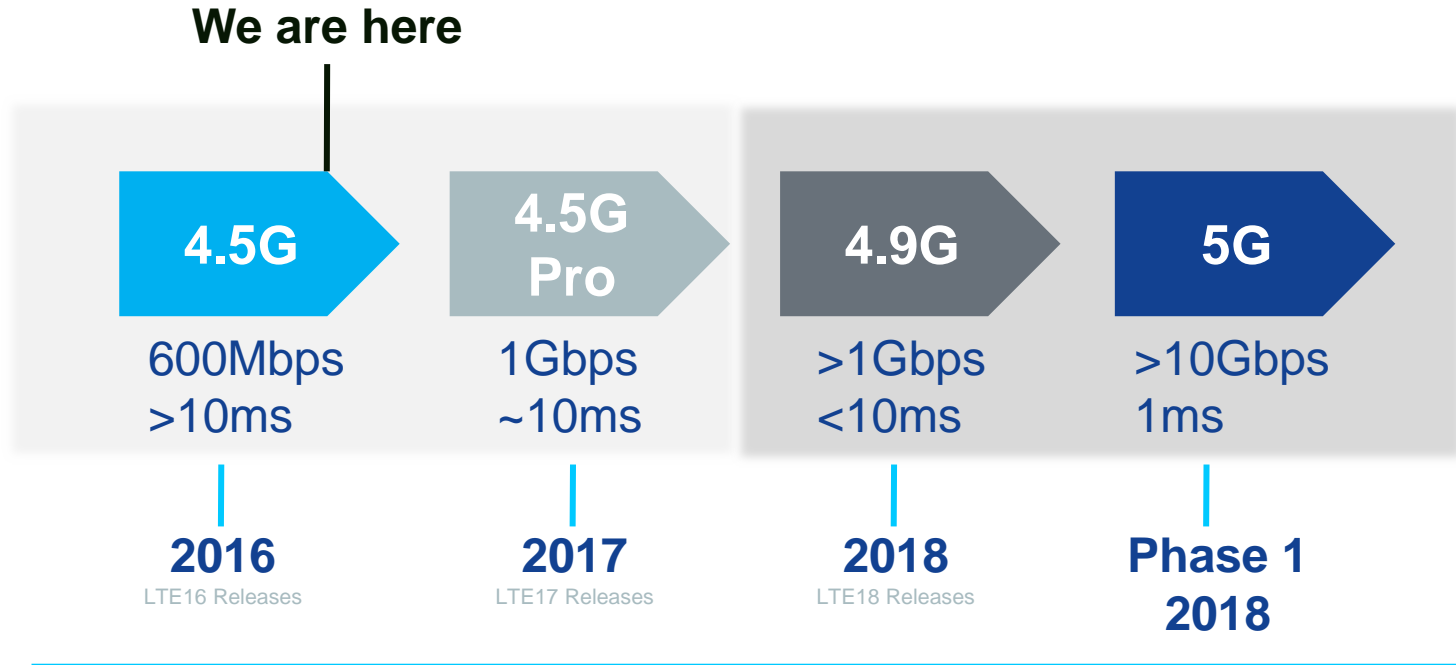


Technology building blocks for realizing 5G era vision

Revolution through evolution



Technology milestones towards 5G era



Nokia Common AirScale Platform from 2017

Expanding the human possibilities of the connected world



5G-connected humanoid robot for rescue mission, under human control



Health Care: 3D model remote analysis



Flying drones, facial recognition, unauthorized personnel access control



Sync View, 360 VR, Hologram Live





Ecosystem collaborations,
open innovation and
partnerships are key to
success in the 5G era



Thank you