THE NETWORKED SOCIETY IS ACCELERATING CHANGE

Our Vision: A networked society where every person and every business is empowered to reach their full potential.

- 15 years to connect 29 billion devices
- 25 years to connect 5 billion people
- 100 years to connect 1 billion places

IoT to surpass mobile phones in 2018

LINK: Ericsson Mobility Report, June 2017
OVER ONE MILLION NEW MOBILE INTERNET USERS ADDED EVERY DAY

4G WILL BE THE DOMINANT ACCESS TECHNOLOGY GLOBALLY BY 2018

TOTAL MOBILE DATA TRAFFIC GREW BY 70% BETWEEN Q1 2016 AND Q1 2017

VOLTE SUBSCRIPTIONS TO REACH 4.6 BILLION BY 2022 – 90% OF ALL LTE SUBS

THERE WILL BE HALF A BILLION 5G SUBSCRIPTIONS GLOBALLY BY 2022
SUBSCRIPTIONS BY TECHNOLOGY

Mobile subscriptions by technology (billion)

5 billion LTE subscriptions by the end of 2022

5G subscriptions will exceed half a billion by the end of 2022

Figure note: IoT connections and Fixed Wireless Access (FWA) subscriptions are not included in the above graph.

Source: Ericsson Mobility Report, June 2017
Towards an IoT-dominated World

Connected devices (billions)

- **Wide-area IoT**: 0.4 billion in 2016, 2.1 billion in 2022, CAGR 30%
- **Short-range IoT**: 5.2 billion in 2016, 15.5 billion in 2022, CAGR 20%
- **PC/laptop/tablet**: 1.6 billion in 2016, 1.7 billion in 2022, CAGR 0%
- **Mobile phones**: 7.3 billion in 2016, 8.6 billion in 2022, CAGR 3%
- **Fixed phones**: 1.4 billion in 2016, 1.3 billion in 2022, CAGR 0%

Source: Ericsson Mobility Report, June 2017
WHAT WILL 5G BRING
One architecture supporting multiple industries

- 10-100x END-USER DATA RATES
- 1000x MOBILE DATA VOLUMES
- 5x LOWER LATENCY
- 100x MORE DEVICES
- Cost DEVICE COST REDUCTION
- 10+ YEARS BATTERY LIFE
- +20dB BETTER COVERAGE

END USER DATA RATES
MOBILE DATA VOLUMES
LOWER LATENCY
MORE DEVICES
Cost
10+ YEARS BATTERY LIFE
+20dB BETTER COVERAGE

Management
Access
Applications
Cloud Infrastructure
Transport

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REGULATIONS CRITICAL FOR SUCCESS

- Industry technical regulations
- Smart Cities
- Service regulations
- Financial and fiscal regulations
- Spectrum allocation