

June 2018

@qualcomm_tech

5G

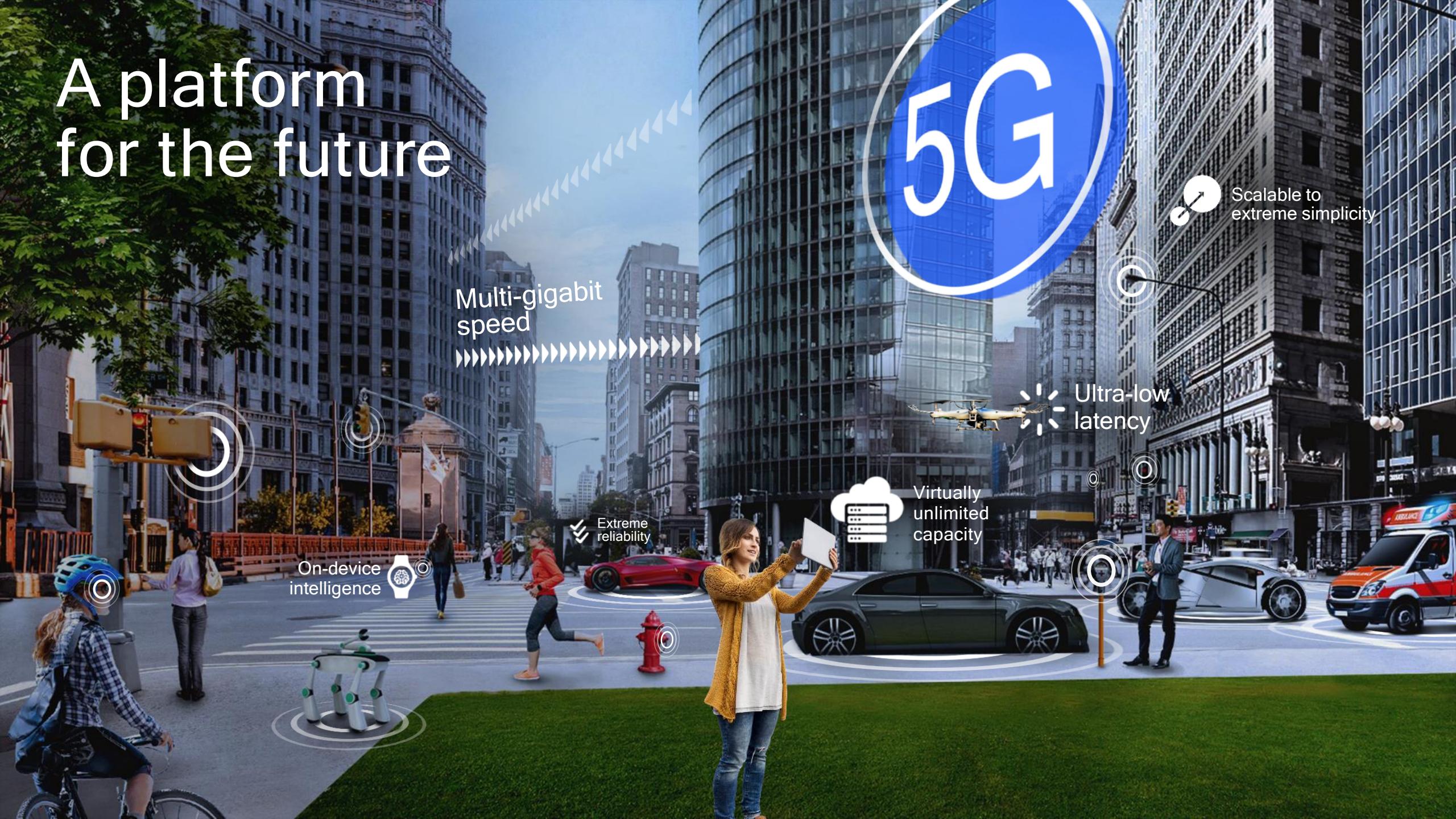
The Fabric for Society

5G

Qualcomm



A platform for the future



5G will be a commercial reality in 2019

Connectivity and intelligence everywhere

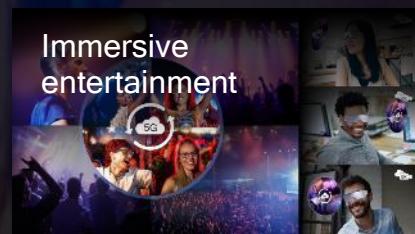
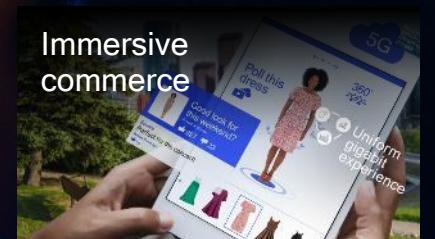
360° video social sharing

Stefan
OMG. It's like I'm right there

Immediate and rich social interactions



5G – touching all aspects of your life, even a dress



Fueling precision agriculture – even the cotton found in a simple dress uses 5G

Massive sensor network



Ubiquitous
always-available
connectivity



Autonomous

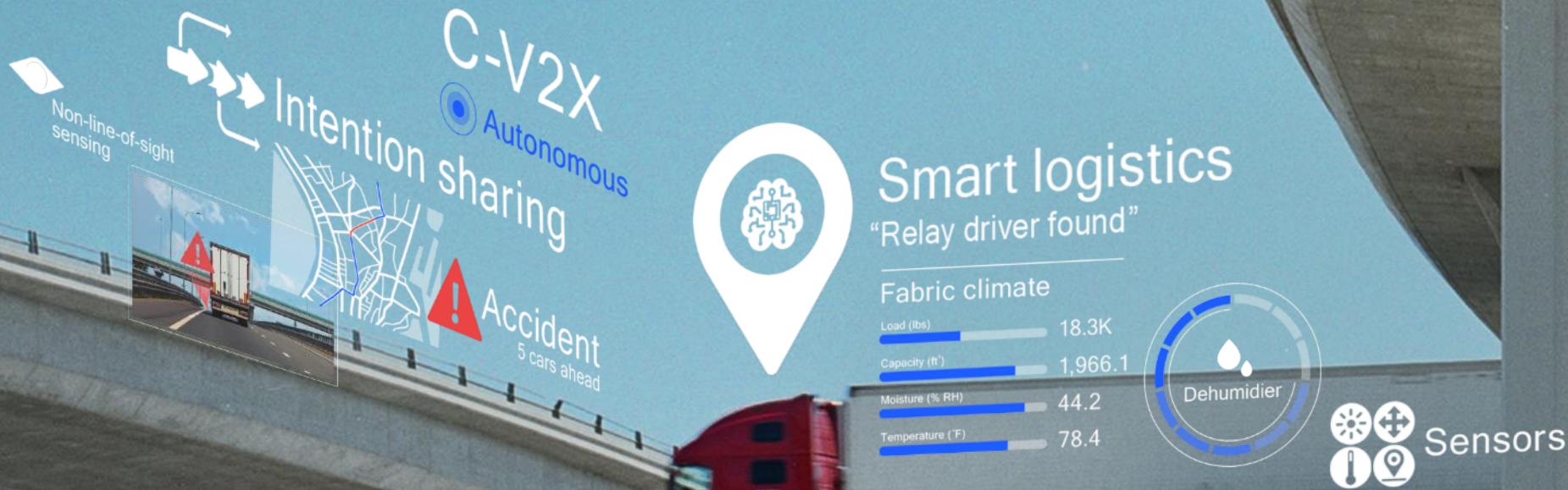
Pests
detected



Enabling reliable wireless IoT connectivity at transport hubs



Essential to the future autonomous vehicles



Communicating directly with people and things



V2V Non-line of sight
◀ Car approaching
from blind spot

V2N
Rerouting
Construction 1.3 mi



V2I
Green for 20s

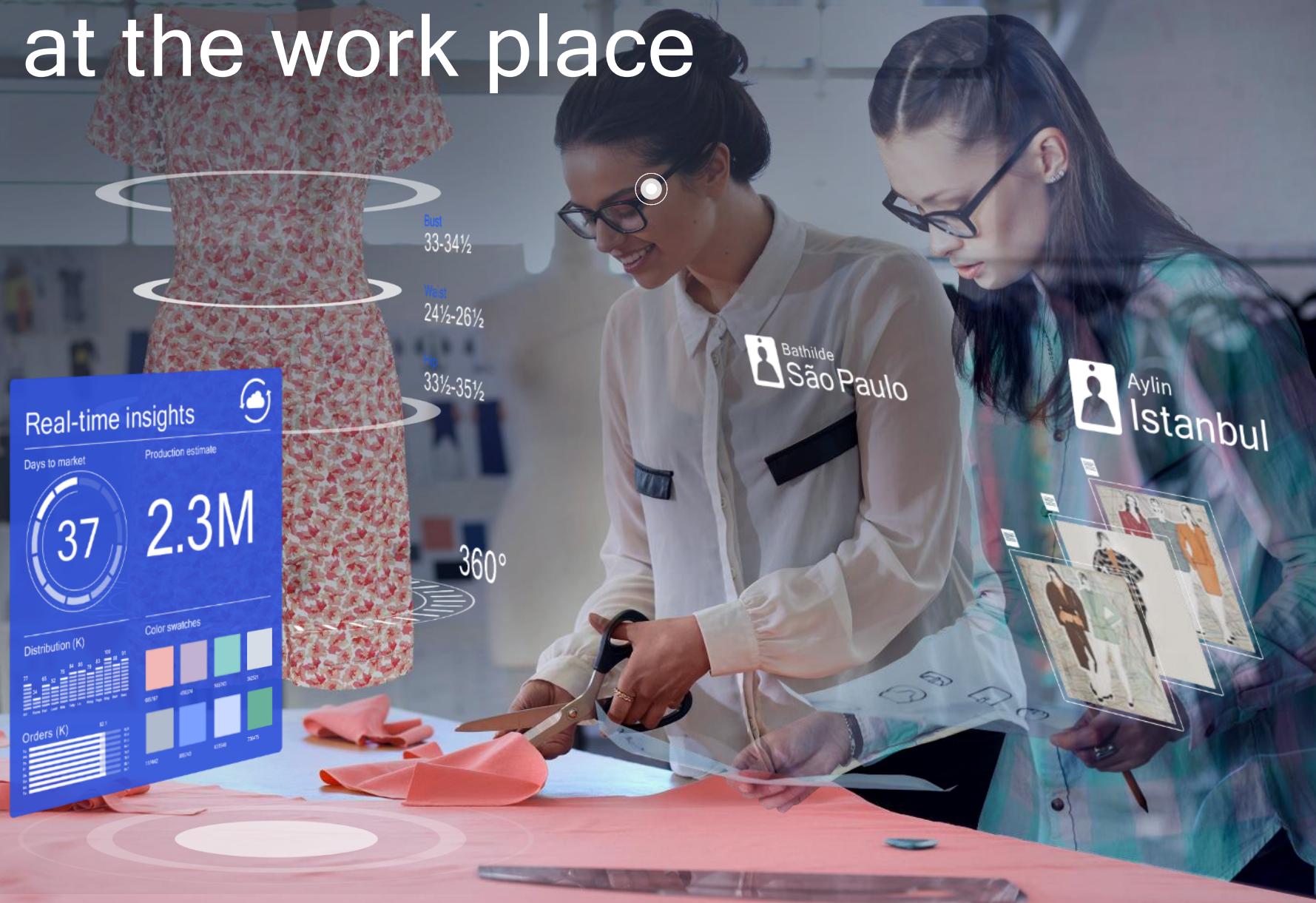


V2V
Car intends
to enter lane



V2P
Cyclist approaching ►

For closer collaborations at the work place



Six degrees
of freedom
XR



For closer collaborations at the work place



Bringing immersive, virtual shopping experiences anywhere



Driving the next industrial revolution with flexible manufacturing



XR Guided execution



5GNR
Private network



Dynamic factory
reconfigurability



Ultra reliable,
low-latency wireless
connection



Real-time
supply chain
visibility



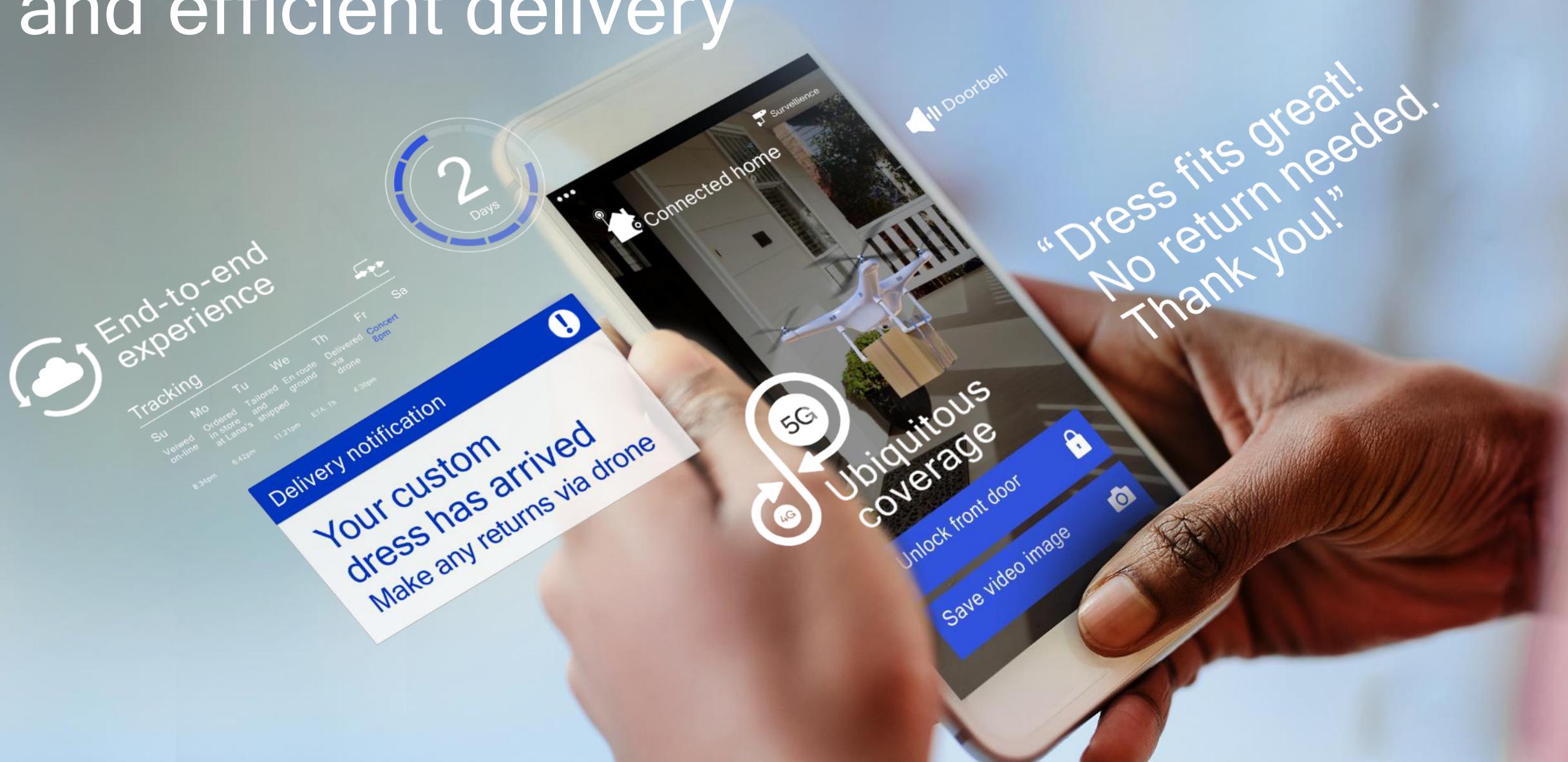
Predictive maintenance



Surveillance



With real-time asset tracking and efficient delivery



To get you to the wireless 5G era as you'll know it



Kimiko
**Love that
dress ;)**

Connectivity
and intelligence
everywhere



Bringing you the next-generation immersive experiences



8K



8K



8K

This is just one example from many in the 5G world to come



Powering our future digital economy

\$12.3 trillion

In goods and services by 2035*

* The 5G Economy, an independent study from IHS Markit, Penn Schoen Berland and Berkeley Research Group, commissioned by Qualcomm

A unifying connectivity fabric

Like electricity, you will just expect it everywhere

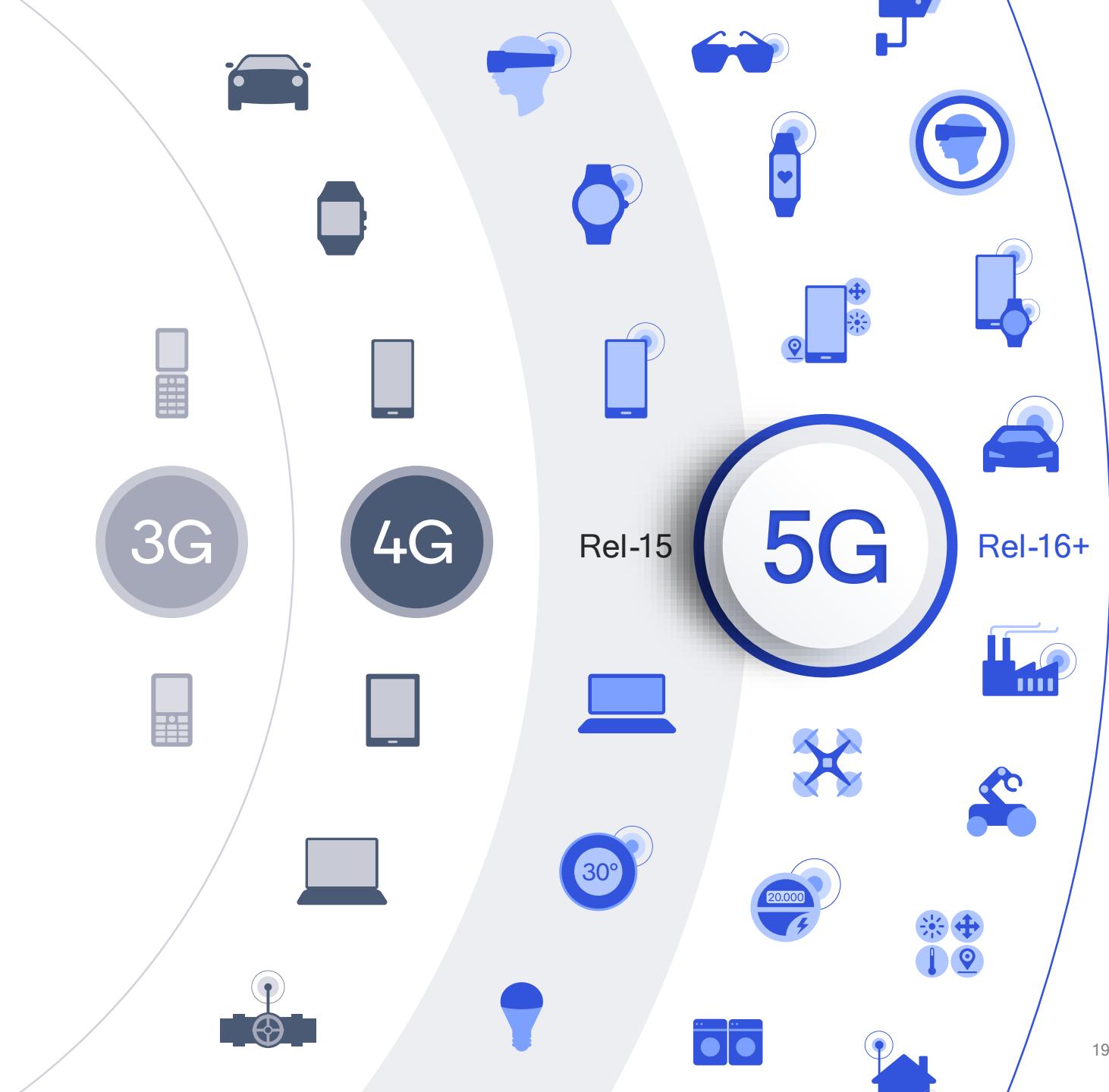


5G



Leading the world to 5G

And the expansion of the 5G ecosystem



The wireless edge realizes the full potential of 5G

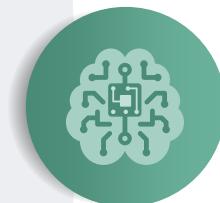
Inventing technology at scale to
realize the promise of AI on
trillions of connected devices



Perception
Hear, see, monitor,
and observe



Reasoning
Learn, infer context,
and anticipate



Action
Act intuitively, interact
naturally, and protect privacy



A unifying connectivity fabric

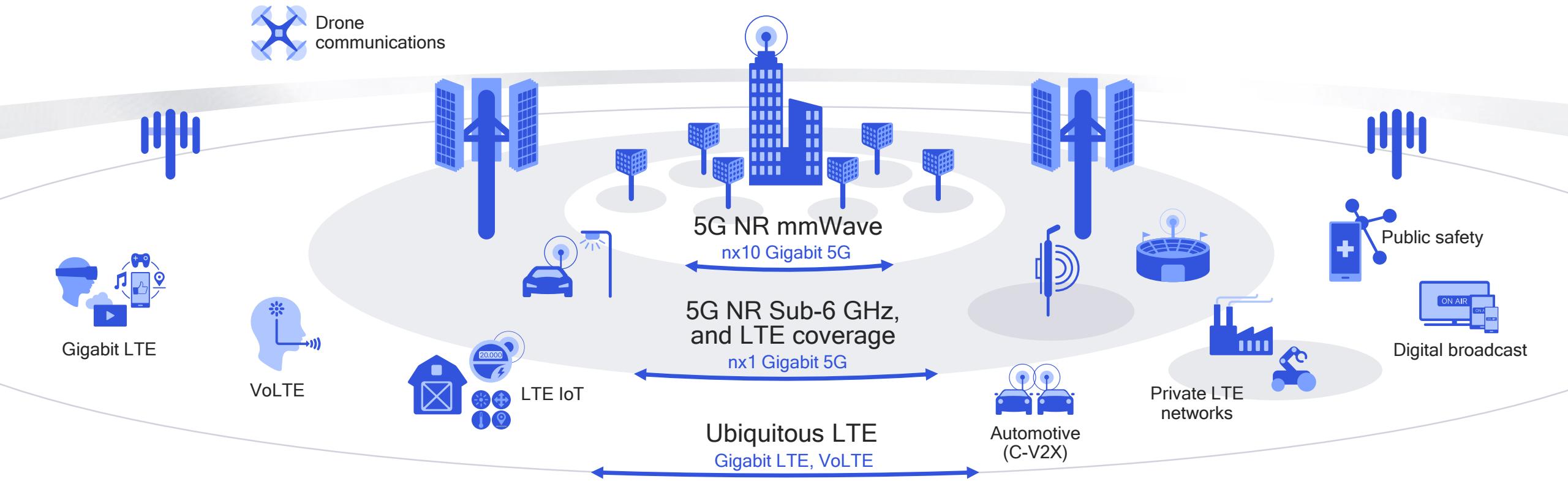
An innovation platform for future services



The faster path to 5G by 2019



LTE Advanced Pro accelerates the 5G mobile expansion





Leading the world to 5G
and a unifying connectivity fabric that will
transform the wireless edge

Qualcomm

Learn more at www.qualcomm.com/5G

Thank you

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