

Huawei Strikes for Global Partnership on 5G Innovations

[Barcelona, Spain. February 24, 2016] With a global momentum moving towards 5G era across of all ICT industries, to build and expand the mobile industry ecosystem become essential to make 5G a success. As a driving force to lead 5G innovation, Huawei continue to extend the global open partnership initiatives with more than 20 operators, including CMCC, Deutsche Telekom, Vodafone, NTT DOCOMO, Telefonica, TeliaSonera and Etisalat, and 10 industry partners, spanning in Asia, Europe, and North America.

Customer oriented innovation with an open partnership is the foundation to create the next generation of wireless technologies. Over the past years, Huawei established joint innovation programs with leading operators, and conducted lab test and field trials with a broad spectrum of 5G enabling technologies, in MWC 2016, we are jointly showcasing:

- 5G New Radio Access Technologies (5G New RAT) in a large scale field trial with NTT DOCOMO,
- 5G Full Duplex Radio Technology with China Mobile,
- 5G mobile architecture for the Ultra-Reliable Low Latency Communication (URLLC) applications with Vodafone,
- Extreme fast 5G mmWave technology at 70Gbps transmission speed, and end-to-end network slicing technologies with Deutsche Telekom.

In addition, Huawei collaborated with equipment vendor partners to validate 5G technologies, for example, with Rohde Schwarz to demonstrate the 5G new waveform technologies and with Aeroflex, a Cobham Company, to demonstrate the 5G grant free access technologies at MWC 2016. Huawei also launched a number of programs with vertical industries to explore the 5G-enabled machine type of communications such as massive sensors connectivity, URLLC with applications of self-drive-car and cloud controlled-robot.

Industry-wide collaboration and partnership is a proven path to create a successful next generation wireless technologies, as an ICT industry leader, Huawei is expanding the global 5G innovation footprint, Huawei is making effort to leverage the early stage technology innovations and partnership to contribute the global standard.

“We will continue to focus our effort to 5G technology innovation, “said Dr. Wen Tong, “ in the spirit of joint innovations with entire ecosystem, we will strive to bring the 5G technologies into maturity and to deliver value to our customer and end users, we are addressing some of the most challenging areas in 5G technologies, namely,

- the new air-interface with capability to meet all the requirement for the 5G applications,
- the programmable application-driven-network architecture built on the cloud-native platform and
- a holistic set of the new capabilities to enable the vertical applications for emerging 5G services and applications

In addition, we are excited to participate the recent announcement of a series China 5G technologies field trial to contribute our effort to commercial 5G launch in 2020”

MWC 2016 takes place in Barcelona, Spain from February 22 to 25. Huawei will showcase its latest products and solutions at Fira Gran Via Hall 1 and Hall 3. For more details, please visit: <http://www.huawei.com/en/mwc2016>

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About Huawei

Huawei is a leading global information and communications technology (ICT) solutions provider. Our aim is to enrich life and improve efficiency through a better connected world, acting as a responsible corporate citizen, innovative enabler for the information society, and collaborative contributor to the industry. Driven by customer-centric innovation and open partnerships, Huawei has established an end-to-end ICT solutions portfolio that gives customers competitive advantages in telecom and enterprise networks, devices and cloud computing. Huawei's 170,000 employees worldwide are committed to creating maximum value for telecom operators, enterprises and consumers. Our innovative ICT solutions, products and services are used in more than 170 countries and regions, serving over one-third of the world's population. Founded in 1987, Huawei is a private company fully owned by its employees.

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HUAWEI: Open ROADS to a Better Connected World

Huawei's theme of "Open ROADS to a Better Connected World" at Mobile World Congress 2016 is based on Huawei's core strategy of advancing ICT through building open, collaborative industry ecosystems that generate win-win outcomes.

In the future, the world will be fully connected with people-to-people, people-to-objects and objects-to-objects connections, interactions and coordination, and this will drive a new digital business environment creating challenges and opportunities for telecom carriers. Huawei's standard for the ultimate user experience is ROADS which means: Real-time, On-demand, All-online, DIY and Social. With its leading technology products and solutions, Huawei is working together with carriers to deliver an engaging ROADS experience and implement future-proof strategic transformation to jointly build a Better Connected World.