



## Press Release

January 25th, 2017

# Ericsson, China Mobile Shanghai and Mobike trial cellular IoT technologies on live network

Ericsson (NASDAQ: ERIC), China Mobile Group Shanghai Company and Mobike – the popular bike-sharing service – have recently joined forces to trial the latest cellular Internet of Things (IoT) technologies on a live network. The trial provided a more convenient and enhanced bike-sharing experience to Mobike users via new cellular IoT technologies.

Carried out on China Mobile Shanghai's live network, the trial used Ericsson's latest cellular IoT technologies to allow Mobike's IoT-enabled bikes to be located more accurately and extend to areas that traditional coverage can hardly reach, such as underground parking lots. Moving forward, the new technologies will also significantly reduce the time to unlock the bikes and users will enjoy "open upon scanning" without waiting.

New cellular IoT technologies provide better coverage and faster response time with narrower bandwidth and fewer resources than cellular technology. Compared to traditional cellular networks, it introduces energy-saving and deep-coverage features which enable five-to-seven-fold coverage improvements for operators in the same site environment. The battery life also extends to more than 10 years.

The successful trial marks an important step forward in the large-scale commercial deployment of cellular IoT in China.

Gang Huang, Deputy General Manager, China Mobile Group Shanghai Company, says: "China Mobile Shanghai is excited to be working with Ericsson to partner with innovative companies like Mobike and help build more new IoT applications. China Mobile is committed to IoT innovation by all, aiming to serve the public with the latest technologies anytime, anywhere, and for everything."

Zhongjie Yang, Vice President, Mobike, says: "The latest cellular IoT technologies like CAT-M1 and NB-IoT will greatly enhance user experience in the future and will solve the existing challenges encountered by Mobike such as coverage in challenging locations. We also expect Chinese operators to complete the nationwide deployment of cellular IoT as early as possible."



Chris Houghton, Head of Region North East Asia, Ericsson, says: “Ericsson is determined to drive the development and commercialization of the cellular IoT ecosystem, and in doing so, unleash the full potential of the Networked Society.”

[More information: Accelerate the evolution of large-scale IoT with diversified cellular technologies.](#)

#### NOTES TO EDITORS

For media kits, backgrounders and high-resolution photos, please visit [www.ericsson.com/press](http://www.ericsson.com/press)

*Ericsson is the driving force behind the Networked Society – a world leader in communications technology and services. Our long-term relationships with every major telecom operator in the world allow people, business and society to fulfill their potential and create a more sustainable future.*

*Our services, software and infrastructure – especially in mobility, broadband and the cloud – are enabling the telecom industry and other sectors to do better business, increase efficiency, improve the user experience and capture new opportunities.*

*With approximately 115,000 professionals and customers in 180 countries, we combine global scale with technology and services leadership. We support networks that connect more than 2.5 billion subscribers. Forty percent of the world’s mobile traffic is carried over Ericsson networks. And our investments in research and development ensure that our solutions – and our customers – stay in front.*

*Founded in 1876, Ericsson has its headquarters in Stockholm, Sweden. Net sales in 2015 were SEK 246.9 billion (USD 29.4 billion). Ericsson is listed on NASDAQ OMX stock exchange in Stockholm and the NASDAQ in New York.*

[www.ericsson.com](http://www.ericsson.com)

[www.ericsson.com/news](http://www.ericsson.com/news)

[www.twitter.com/ericssonpress](https://www.twitter.com/ericssonpress)

[www.facebook.com/ericsson](https://www.facebook.com/ericsson)

[www.youtube.com/ericsson](https://www.youtube.com/ericsson)



FOR FURTHER INFORMATION, PLEASE CONTACT

Ericsson Corporate Communications

Phone: +46 10 719 69 92

E-mail: [media.relations@ericsson.com](mailto:media.relations@ericsson.com)

Ericsson Investor Relations

Phone: +46 10 719 00 00

E-mail: [investor.relations@ericsson.com](mailto:investor.relations@ericsson.com)