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## ERICSSON AND UQ COMMUNICATIONS DOUBLE DATA SPEEDS WITH 4X4 MIMO TECHNOLOGY

- Coverage with doubled max data speeds deployed by 4X4 MIMO technology, using no additional spectrum
- Ideal solution for urban and indoor small cell environments

Ericsson (NASDAQ: ERIC) has completed the commercial implementation of 4X4 multiple-input and multiple-output (MIMO) for UQ Communications in Japan. UQ plans to extend 4x4 MIMO across their WiMAX 2+ network to deliver faster data speeds for their mobile subscribers. WiMAX 2+ service is compatible with LTE TDD.

Toshikazu Yokai, Corporate Officer, Director of Technology Division, UQ Communications Inc., says: "UQ is committed to making mobile broadband accessible everywhere. High-performance features such as 4 by 4 MIMO and Carrier Aggregation, which we are deploying in cooperation with Ericsson, reflect our unwavering commitment to provide our customers with superior performance, value and support."

In addition to the introduction of the Carrier Aggregation technology, UQ has been addressing the acceleration of communication speeds by introducing the 4x4 MIMO technology. The 4x4 MIMO technology doubles data speeds, supporting up to 220 Mbps within just 20 MHz of spectrum. UQ will begin offering 220 Mbps 4x4 MIMO capable commercial devices in March.

Jan Signell, Head of Region North East Asia, Ericsson, says: "We are honored to work with UQ to extend the benefits of high performance mobile broadband to their customers throughout Japan. Ericsson's partnership with UQ has driven innovations in both WiMAX 2+ Carrier Aggregation and now, the deployment of 4X4 MIMO in a commercial network."

Ericsson is present today in all high traffic LTE markets including the US, Japan, and South Korea, and is ranked first for handling the most global LTE traffic - twice as much mobile traffic as the closest competitor. Ericsson is number one in LTE market share within the world's top 100 cities. More than 220 LTE RAN and Evolved Packet Core networks have been delivered worldwide, of which 170 are live commercially. Ericsson LTE innovations will be featured at Mobile World Congress 2015 in Hall 2, Stand 2N60.

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## Ericsson at Mobile World Congress 2015

During Mobile World Congress 2015 in Barcelona, Spain, Ericsson is showing world-leading technology, service capabilities, and innovations. The Networked Society is transforming entire industries. ICT tools have become fundamental everyday resources for businesses, people and society. We lead the way with hardware, services and software solutions that drive development in mobility, broadband and cloud, creating the foundation for new eco-systems, and transformation across industries. The change that transformation brings is in the hands of everyone. That is why we at Mobile World Congress this year will talk about how we enable change-makers in the Networked Society to advance digital experiences.

You can find us at MWC in Hall 2, Stand 2N60. Follow us during the event using @Ericsson and join the discussion using #MWC15. Insights from our experts and Networked Society evangelists are also published on our blog during the event.

## NOTES TO EDITORS

Download high-resolution photos and broadcast-quality video at [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 more than 110,000 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 2013 were SEK 227.4 billion (USD 34.9 billion). Ericsson is listed on NASDAQ OMX stock exchange in Stockholm and the NASDAQ in New York.*

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