
ERICSSON AND QUALCOMM TECHNOLOGIES SUCCESSFULLY TEST CAT-M1 FOR TELSTRA

- Cat-M1 milestone achieved using Ericsson Networks Software 17A and Qualcomm Technologies' MDM9206 LTE modem.
- Ecosystem alignment opens the door for leading operators, including Telstra, and device manufacturers to deliver innovative, new IoT-enabled devices

Ericsson (NASDAQ: ERIC) and Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated, have successfully executed network and device testing of data communications on Cat M1 with the MDM9206 modem, designed to support LTE Cat-M1 for Internet of Things (IoT) applications and services, utilizing the 700 MHz band (Band 28). This commercial technical milestone was achieved through the successful interoperability testing of the MDM9206 modem, a product of Qualcomm Technologies, at Ericsson headquarters in Sweden and witnessed by executives from Telstra.

Amongst the key features of Cat-M1 LTE are:

1. Extended coverage with better link budget (up to 15 dB, compared to Cat-1) allowing LTE signals to penetrate through more walls and floors to reach devices deployed deep indoors or in remote locations
2. Up to 10 years of battery life for typical delay-tolerant, low-throughput applications utilizing Power Save Mode and Extended DRX
3. Lower complexity and cost due to single antenna and half duplex operation, up to 375 kbps

Mike Wright, Group Managing Director Networks, Telstra, says: "Cat-M1 is a significant step forward, towards delivering cellular-based IoT capabilities which extend the capabilities of Telstra's mobile network. Cat-M1 will deliver both longer battery life and extended depth of coverage benefits that will be further complemented with the expected arrival of Narrowband IoT (Cat-NB1) devices later next year, along with a progression toward the greatly reduced module costs. Telstra expects its enterprise customers will greatly benefit from the productivity benefits Cat-M1, and later Cat-NB1, will support and looks forward to connecting a huge range of new and innovative IoT-enabled devices on the Telstra network."

To achieve this important new network capability, Ericsson Networks Software 17A harnesses a combination of powerful software features to deliver extended coverage, lower device cost relative to Mobile Broadband devices, and overall lower power consumption. Collectively, these new capabilities will facilitate a boom in new devices connecting a range of internet connected “things”, driving productivity and creativity across a range of industries.

Thomas Norén, Head of Product Area Network Products, Ericsson, says: “Cat-M1 will enable operators to drive new opportunities in the fast-emerging IoT market, which Ericsson believes is a key component of the Networked Society. Once again, we are pleased to be working with Qualcomm Technologies and Telstra to pioneer another innovation into the LTE market.”

The Qualcomm Technologies MDM9206 modem is designed to support LTE category M1, upgradeable to LTE M1+ NB-1 dual mode with an anticipated upcoming software update. The dual-mode approach combines the best of both technologies and provides a global, scalable solution for IoT products, well suited for a diverse set of operator deployments. The category M1 and NB-1 LTE modes designed in the MDM9206 modem bring many enhancements and optimizations to LTE that will help reduce IoT device complexity. The new technologies can also co-exist with today’s LTE infrastructure and spectrum, which offers a superior solution to proprietary technologies for low-power wide-area networks.

Serge Willenegger, Senior Vice President, Product Management, Qualcomm Technologies, Inc., says: “We are very pleased with this successful testing of CAT M1 based on Qualcomm Technologies’ MDM9206 modem. This modem represents the company’s latest innovation supporting low-data, low-cost, low-power and low-bandwidth IoT applications and services. This is an important milestone that will also support the delivery of a new range of IoT services such as smart energy, asset tracking, industrial control and automation, building security, and more. We look forward to working with mobile technology leaders such as Ericsson and Telstra to bring these innovations to users around the world.”

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. In addition, 40 percent of the world’s total mobile traffic is carried over Ericsson networks. More than 270 LTE RAN and Evolved Packet Core networks have been delivered by Ericsson worldwide, of which 200 are live commercially.

About Qualcomm Incorporated

Qualcomm Incorporated (NASDAQ: QCOM) is a world leader in 3G, 4G and next-generation wireless technologies. Qualcomm Incorporated includes Qualcomm’s licensing business, QTL, and the vast majority of its patent portfolio. Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated, operates, along with its subsidiaries, substantially all of Qualcomm’s engineering, research and development functions, and substantially all of its products and services businesses, including its semiconductor business, QCT. For more

than 30 years, Qualcomm ideas and inventions have driven the evolution of digital communications, linking people everywhere more closely to information, entertainment and each other. For more information, visit Qualcomm's website, OnQ blog, Twitter and Facebook pages.

Qualcomm MDM is a product of Qualcomm Technologies, Inc. Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries.

NOTES TO EDITORS

For media kits, backgrounders and high-resolution photos, please visit

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 2014 were SEK 228.0 billion (USD 33.1 billion). Ericsson is listed on NASDAQ OMX stock exchange in Stockholm and the NASDAQ in New York.

www.ericsson.com

www.ericsson.com/news

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

www.facebook.com/ericsson

www.youtube.com/ericsson

FOR FURTHER INFORMATION, PLEASE CONTACT

Ericsson Corporate Communications

Phone: +46 10 719 69 92

E-mail: media.relations@ericsson.com

Ericsson Investor Relations

Phone: +46 10 719 00 00

E-mail: investor.relations@ericsson.com