
FIRST CAT-M1 TEST IN AFRICA FOR INTERNET OF THINGS

- Ericsson, Qualcomm Technologies and MTN South Africa complete successful demonstration of end-to-end Cat-M1 capabilities to support the operator's ambitions in Internet of Things (IoT).
- MTN South Africa will continue trialling devices and applications for Cat-M1 in its Test Bed lab using the Qualcomm MDM9206 global multimode LTE IoT modem.

Ericsson (NASDAQ: ERIC) and Qualcomm Technologies have successfully completed a lab trial for a Cat-M1 solution with MTN South Africa in support of MTN's Internet of Things (IoT) ambitions.

This is the first Cat-M1 test implementation of its kind on the African continent and represents the first stage of a wider scope of test activity. The Cat-M1 trial uses IoT devices integrated with a Qualcomm MDM9206 global multimode LTE IoT modem and the [Ericsson Massive IoT Radio Access Network](#) product.

The successful test will ensure MTN continues to lead in technological [IoT advancements](#) and will prepare MTN for a new wave of solutions that can be implemented in the new future. MTN South Africa will continue trialling devices and applications for Cat-M1 in its Test Bed lab.

[Cellular IoT technologies](#), such as Cat-M1 and their evolution into 5G, set a solid foundation for massive IoT by reducing complexity, lowering power consumption, expanding coverage, and increasing device density. Cat-M1 enables advanced IoT applications by providing hundreds of kilobits per second in throughput, mobility, and VoLTE support. Examples of typical Cat-M1 IoT applications include smart watches or fitness bands with integrated voice communications services, pet tracking devices, point of sale terminals, vending machines and vehicle tracking with emergency calling support.

Giovanni Chiarelli, CTIO, MTN South Africa, says: "Cat-M1 provides key advantages of low-cost devices, long battery life, extended coverage and supports a wide range of use cases. The successful trial, in conjunction with Ericsson and Qualcomm Technologies, proves that both companies have the ability to support new IoT services and technologies for MTN. The initial use of this technology has been for tracking and reporting use cases that have benefited both consumer and business customers. At MTN we are providing the platform for these and future applications to enhance people's lives."

PRESS RELEASE
SEPTEMBER 4, 2017



Rafiah Ibrahim, President, Ericsson Middle East and Africa, says: “Today, the majority of telco IoT revenue comes from machine-to-machine connectivity, but in the next five years, this will change to revenue from platforms, applications and services. This trial ensures MTN South Africa will capture new revenue streams and deliver the best experience to its customers.”

James Munn, Vice President of Business Development, Qualcomm South Africa, says: “This trial supports the first wave of IoT use cases requiring extended coverage and battery life, compared to today’s baseline 2G/GSM and LTE. Our MDM9206 global multimode LTE IoT modem, designed to support LTE Cat M1, NB-1 and E-GPRS and global RF bands, brings many enhancements and optimizations to LTE that can help reduce IoT complexity, up to ten years of battery life and low device costs, and support operators such as MTN South Africa.”

NOTES TO EDITORS

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

www.ericsson.com/press

[News Center](#)

media.relations@ericsson.com

(+46 10 719 6992)

investor.relations@ericsson.com

(+46 10 719 00 00)

FOLLOW US:

www.twitter.com/ericsson

www.facebook.com/ericsson

www.linkedin.com/company/ericsson

www.youtube.com/ericsson

Ericsson is a world leader in communications technology and services with headquarters in Stockholm, Sweden. Our organization consists of more than 111,000 experts who provide customers in 180 countries with innovative solutions and services. Together we are building a more connected future where anyone and any industry is empowered to reach their full potential. Net sales in 2016 were SEK 222.6 billion (USD 24.5 billion). The Ericsson stock is listed on Nasdaq Stockholm and on NASDAQ in New York. Read more on www.ericsson.com.

About Qualcomm Technologies

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

PRESS RELEASE
SEPTEMBER 4, 2017



Qualcomm MDM is a product of Qualcomm Technologies, Inc.