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## UNITEL AND ERICSSON FIRST IN AFRICA WITH 450 MBPS ON A COMMERCIAL LTE NETWORK

- Unitel and Ericsson partner to achieve major milestone for LTE in Africa
- 450 Mbps downlink speed accomplished by combining three 20 MHz LTE carriers on Unitel commercial network in Angola using Ericsson multi-standard hardware and software
- LTE-A Carrier Aggregation enables operators to use spectrum more efficiently to deliver better user experience

Ericsson and Unitel today announced the successful demonstration of the end-to-end LTE-Advanced (LTE-A) Carrier Aggregation (CA) solution capable of supporting data speeds up to 450 Mbps. The demonstration utilized 60 MHz of spectrum, with three 20 MHz LTE carriers in band 3 (1800 MHz), band 7 (2600 MHz) and band 1 (2100 MHz) respectively.

This milestone, which occurred December 5<sup>th</sup> 2014, marks the first time 450 Mbps speed has been demonstrated on a commercial LTE network in Africa, and is also one of the first demonstrations of its kind in the world. It confirms the maturity and readiness of the Unitel network to support LTE-A 450 Mbps data speed

Amilcar Safeca, Board Member and Deputy CEO, Unitel says: "The 450Mbps demo in Unitel's LTE commercial network ascertains our leading position in technological innovation not only in Angola, but globally. At the same time, it aims at ensuring that our network has the capabilities to be among the most advanced mobile networks in Africa and in the world. We are enhancing our network to guarantee the best experience to our subscribers when utilizing all the services Unitel has available."

LTE-A CA enables operators to use spectrum more efficiently to deliver better user experience to customers. Mobile users can enjoy super-fast downloads and better performance of their favorite applications.

Fredrik Jejdling, Head of Ericsson sub-Saharan Africa says: "Mobile broadband is opening up a world of opportunities by facilitating industry transformation and bringing inclusion and empowerment to communities. This is especially true in countries across Africa, where the technology enables access to tools, services, expertise, entertainment, and information that was previously out of reach to the majority."

Ericsson's long term partnership with Unitel has yielded several outstanding achievements in the development of LTE and data in Africa. This announcement is indicative of a joint commitment to continued innovation and development on the continent.

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At the end of 2013, for the first time in Africa, Unitel and Ericsson demonstrated LTE-Advanced with two carriers' aggregation using Unitel's live network and a commercial device. Today, Ericsson is present in all high-traffic LTE markets including the US, Japan, South Korea, Australia, and Canada, and has been selected by the top 10 LTE operators, as ranked by LTE subscription worldwide. More than 200 LTE RAN and Evolved Packet Core networks have been delivered worldwide, of which more than 150 are live commercially.

#### NOTES TO EDITORS

[Unitel and Ericsson demo Africa's first LTE-Advanced Technology](#)

#### About Unitel

*Founded on December 30, 1998, Unitel is the leading mobile telecommunications company in Angola and offers solutions for GSM, GPRS, EDGE, UMTS and LTE.*

*Unitel has expanded its range of services from start-up in 2001 and now has more than 11 million customers, covering more than 95% of Angola's population.*

*Unitel is also one of the first operators to commercially launch 4G network in Africa, thus reinforcing its positioning and cutting-edge innovation.*

*For more information [www.unitel.ao](http://www.unitel.ao)*

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 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.*

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