

Alcatel-Lucent completes first multi-vendor mobile broadband LTE calls in TDD spectrum

Key milestone - achieved in cooperation with Signalion and UTStarcom highlights Alcatel-Lucent's commitment to supporting the smooth evolution to 4G for service providers worldwide

Mobile World Congress, Barcelona, February 16, 2009 — Alcatel-Lucent (Euronext Paris and NYSE: ALU) today announced that it has completed a series of data calls - involving terminals from third-party suppliers - using Long Term Evolution (LTE) technology for Time Division Duplex (TDD) spectrum (TD-LTE), a mobile broadband standard that will be used by operators in China and across the globe. The achievement of this key milestone demonstrates Alcatel-Lucent's commitment to providing all mobile operators with a smooth evolution path to 4G. The test calls were completed by Alcatel-Lucent Shanghai Bell (ASB), Alcatel-Lucent's flagship company in China.

"TD-LTE, which was strongly driven by operators in China, is expected to play an important role in the development of 4G networks globally," said Olivia Qiu, President of Alcatel-Lucent Shanghai Bell. "We are committed to ensuring that all of our mobile customers have a smooth evolution to 4G, no matter what kind of network they have in place today."

The tests, the first such calls completed using infrastructure (Alcatel-Lucent's commercial eNode B base station) and terminals from multiple vendors (UTStarcom and Signalion), involved live video streaming and web browsing services on TD-LTE.

Alcatel-Lucent is a pioneer in the LTE market, and is currently engaged in LTE deployments with some of the world's leading mobile operators, including trials of LTE for both FDD and TDD spectrum.

LTE is the next evolution in mobile network standards defined by 3GPP (Third Generation Partnership Project) and supports operations in both paired spectrum and unpaired spectrum. It enables efficient spectrum utilization for both legacy and future wireless frequency bands. LTE technology provides a 4G evolution path for CDMA/EV-DO, GSM/EDGE, W-CDMA, TD-SCDMA and WiMAX technologies.

Alcatel-Lucent's LTE solutions, including TD-LTE, are being demonstrated live on Alcatel-Lucent's stand (Hall 8 -- #A147) at the Mobile World Congress trade show and exhibition in Barcelona. To learn more about Alcatel-Lucent's presence at Mobile World Congress 2009, [click here](#).

About Alcatel-Lucent's Ultimate Wireless Broadband End-to-End solution:

Alcatel-Lucent offers a comprehensive solution enabling wireless and converged services providers to advance their business, operational model and end-to-end network. It provides an end-to-end LTE network with a full set of LTE and IP products, transformation and integration services, plus the ngConnect open ecosystem of devices, content and application partners. This solution brings Alcatel-Lucent's broadband and IP market leadership to deliver unprecedented scalability, quality of experience, business agility, and controlled network costs. For more information: <http://www.alcatel-lucent.com/lte>

About Alcatel-Lucent

Alcatel-Lucent (Euronext Paris and NYSE: ALU) is the trusted partner of service providers, enterprises and governments worldwide, providing solutions to deliver voice, data and video communication services to end-users. A leader in fixed, mobile and converged broadband networking, IP technologies, applications and services, Alcatel-Lucent leverages the unrivalled technical and scientific expertise of Bell Labs, one of the largest innovation powerhouses in the communications industry. With operations in more than 130 countries and the most experienced global services organization in the industry, Alcatel-Lucent is a local partner with a global reach. Alcatel-Lucent achieved revenues of Euro 16.98 billion in 2008 and is incorporated in France, with executive offices located in Paris. For more information, visit Alcatel-Lucent on the Internet: <http://www.alcatel-lucent.com>

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