

# PRESS RELEASE

## **Alcatel-Lucent and Qualcomm Technologies plan to develop next-generation of small cells for ultra-broadband wireless access**

*Wireless leaders plan to develop 3G/4G base stations that enhance wireless connectivity in residential and enterprise environments such as campuses and retail locations.*

**Paris, July 30, 2013** - Alcatel-Lucent (Euronext Paris and NYSE: ALU) and Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated. (NASDAQ: QCOM), announced today a plan to collaborate to develop small cell base stations that enhance 3G, 4G and WiFi networks to improve wireless connectivity in residential and enterprise environments. These next-generation small cells would combine Alcatel-Lucent's proven expertise and innovation in developing small cell solutions with Qualcomm Technologies' industry-leading mobile and networking technologies, to enable ultra-broadband wireless communications.

The planned collaboration brings the two industry leaders in wireless communications together in the development of small cells to enhance wireless network reception in environments such as urban areas, shopping malls and other enterprise venues.

With the growing popularity of smartphones, tablets and other mobile devices using high-bandwidth video and gaming applications, wireless network operators and service providers are looking to small cells to cost-effectively meet the rapidly expanding demand for mobile data capacity and network coverage. By working together, Alcatel-Lucent and Qualcomm Technologies intend to accelerate the adoption of small cells and alleviate the impact of mobile data on wireless networks.

To facilitate this acceleration, the two companies plan to jointly invest in a strategic R&D program to develop the next generation of Alcatel-Lucent lightRadio™ Small Cell products featuring Qualcomm Technologies' FSM9900 family of Small Cell chipsets. The investment would be shared by Alcatel-Lucent and Qualcomm Technologies.

Commenting on the collaboration, Michel Combes, CEO, Alcatel-Lucent, said: "This initiative perfectly illustrates The Shift Plan we announced last month, which will see Alcatel-Lucent focus on growth technologies, including those facilitating ultra-broadband access. We also said we would actively seek collaboration with key industry players. In working together with Qualcomm Technologies - a world leader in advanced wireless platform solutions such as its small cell chipsets - Alcatel-Lucent will continue to be positioned at the forefront of innovation in the small cells market."

"Small cells greatly increase capacity by bringing the network closer to the user, thus enabling operators to serve the anticipated 1000x growth in mobile data traffic and dramatically improving the experience for wireless subscribers," said Dr. Paul E. Jacobs, chairman and CEO of Qualcomm Incorporated. "Working together with industry leaders like Alcatel-Lucent, we can accelerate the dense deployment of small cells globally, driving another significant leap in advanced wireless broadband technology and services."

## **ABOUT QUALCOMM INCORPORATED**

Qualcomm Incorporated (NASDAQ: QCOM) is the 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 wholly-owned 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 25 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.

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## **ABOUT ALCATEL-LUCENT (EURONEXT PARIS AND NYSE: ALU)**

Alcatel-Lucent is at the forefront of global communications, providing products and innovations in IP and cloud networking, as well as ultra-broadband fixed and wireless access to service providers and their customers, enterprises and institutions throughout the world.

Underpinning Alcatel-Lucent in driving the industrial transformation from voice telephony to high-speed digital delivery of data, video and information is Bell Labs, an integral part of Alcatel-Lucent and one of the world's foremost technology research institutes, responsible for countless breakthroughs that have shaped the networking and communications industry. Alcatel-Lucent innovations have resulted in the company being recognized by Thomson Reuters as a Top 100 Global Innovator, as well as being named by MIT Technology Review as amongst 2012's Top 50 "World's Most Innovative Companies". Alcatel-Lucent has also been recognized for innovation in sustainability, being ranked Technology Supersector Leader by the Dow Jones Sustainability Index in 2012 for making global communications more sustainable, affordable and accessible, all in pursuit of the company's mission to realize the potential of a connected world.

With revenues of Euro 14.4 billion in 2012, Alcatel-Lucent is listed on the Paris and New York stock exchanges (Euronext and NYSE: ALU). The company is incorporated in France and headquartered in Paris.

For more information, visit Alcatel-Lucent on: <http://www.alcatel-lucent.com>, read the latest posts on the Alcatel-Lucent blog <http://www.alcatel-lucent.com/blog> and follow the Company on Twitter: [http://twitter.com/Alcatel\\_Lucent](http://twitter.com/Alcatel_Lucent).

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