

Alcatel-Lucent expands portfolio with eco-sustainable broadband access gear that further reduces environmental impact of fiber-based networks

FTTH Council Europe Conference, Copenhagen, Denmark, February 12, 2009 - Alcatel-Lucent (Euronext Paris and NYSE: ALU) today highlighted its leading role in bringing to the market innovative technologies that have a proven, positive impact on green house gas emissions.

Two existing technologies - Alcatel-Lucent's distributed digital subscriber line access multiplexer (DSLAM) concept, as well as a series of passively cooled fiber-to-the-building (FTTB) DSLAMs - are now complemented by a whole new range of eco-sustainable indoor optical network terminals (ONTs), which are located at the customer's premise and convert optical signals back into electrical voice, video or data.

The new indoor ONTs consume up to 30 percent less power and are compact - requiring minimal space at the customer's premise - easy to install, ready to include residential gateway functionalities.

Alcatel-Lucent's unique distributed DSLAM concept - supported by the Intelligent Services Access Manager (ISAM) family of products - enables service providers to manage up to 24 times fewer nodes in FTTB or fiber-to-the-node architectures, resulting in more cost-effective operations. Additionally, through the use of simplified backplanes, power consumption is reduced by up to 20%.

At home, a number of important savings can be made as well. By introducing FTTB DSLAMs with a so-called "passive cooling" mechanism, up to a 10 percent power savings can be realized compared to traditional FTTB DSLAMs that are actively cooled. An additional benefit lies in the elimination of all noise that traditionally accompanies an active cooling system. Thus this range of Alcatel-Lucent FTTB DSLAMs not only allows end-users to save on their energy bill, it is so quiet it can be installed in virtually any room in a home or office.

"Alcatel-Lucent is deeply committed to ensuring that our customers are able to continuously reduce their carbon footprint while offering consistently high-quality services to their subscribers. Launching innovative and eco-sustainable technologies that really make a difference, is top of mind for us," said Dave Geary, President of Alcatel-Lucent's Wireline Networks activities. "The distributed DSLAM concept, as well as the passively cooled FTTB DSLAM and eco-sustainable ONT innovations, offer dramatic energy and cost savings to our customers."

About Alcatel-Lucent's eco sustainability initiatives

As a responsible corporate citizen and leader in the telecoms industry, Alcatel-Lucent works to enrich people's lives—by transforming the way the world communicates and connects, and by acting in full recognition of its social and environmental responsibilities as a company. Alcatel-Lucent also recognises the important role the telecommunications sector must play in the global effort to address environmental issues such as climate change. It is devoted to be an active community player and to involve suppliers and business partners in its sustainability approach.

About Alcatel-Lucent

Alcatel-Lucent (Euronext Paris and NYSE: ALU) is the trusted partner of service providers, enterprises and governments worldwide, providing solutions that 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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