



Press release

**Belgian Advanced Broadband Network Wins  
2009 Innovations Award from *Global Telecoms Business***

*Belgacom, Alcatel-Lucent, Ikanos Communications and Sagem Communications Recognized for  
High-Speed Broadband Project*

**Paris, June 17, 2009** – Belgacom, Belgium’s leading telecommunications service provider, and three of the world’s most innovative broadband equipment and semiconductor suppliers - Alcatel-Lucent (Euronext Paris and NYSE: ALU), Ikanos Communications, Inc. (NASDAQ: IKAN) and Sagem Communications - today were awarded the 2009 Innovations Award for Fixed Network Infrastructure by *Global Telecoms Business* magazine. Belgacom’s Broadway Project includes the deployment of a high-speed broadband network for the delivery of advanced triple play services across Belgium. The hybrid fiber/VDSL2 network incorporates central office (CO) and customer premises equipment (CPE) semiconductors from Ikanos, IP digital subscriber line access multiplexers (DSLAMs) from Alcatel-Lucent and residential gateways from Sagem Communications.

By using fiber and VDSL2, Belgacom is able to cost-effectively offer revenue-enhancing services. Belgacom’s broadband infrastructure consists of more than 16,500 active street cabinet nodes throughout the country, allowing the service provider to cover 69 percent of Belgian households - an uncontested leadership-position in the European Union. As a result, Belgacom is able to deliver two simultaneous high-definition Internet protocol television (HD IPTV) streams, voice and very fast Internet service on a sustained, video-grade bandwidth of 20 Mbps to the vast majority of its customers.

“We evaluated a large number of fixed network infrastructure deployments. With the ability to deliver video-grade bandwidth nationwide, Belgacom’s fiber/VDSL2 network embodied the leadership we were seeking in our 2009 Innovations Award winner,” said Alan Burkitt-Gray, editor of *Global Telecom Business*. “The combination of Ikanos-based CO and CPE gear from Alcatel-Lucent and Sagem Communications plays an integral role in enabling advanced triple play services, including HDTV, to homes throughout Belgium.”

“The Broadway Project is the combination of a flexible network design, the coordinated roll out of more than 14,000 kilometers of fiber in the access network, and an incredibly efficient installation of thousands of VDSL2 cabinets across Belgium,” said Patrick Delcoigne, director of Network Infrastructure Engineering for Belgacom. “Alcatel-Lucent supplied us with very high volumes of its Ikanos-based VDSL2 DSLAM on short notice, allowing us to activate our infrastructure at a rate that equaled one new VDSL2 cabinet every two minutes during the first quarter of 2008. And, Sagem’s Ikanos-based VDSL2 home gateways are enabling us to continue connecting thousands of customers every week to advanced broadband services.”

“Belgacom has been one of the first service providers worldwide to actively deploy VDSL2 technology in its fiber-to-the-node access network,” said Jürgen Lison, vice president of Alcatel-Lucent’s Intelligent Services Access Manager (ISAM) product unit. “Thanks to Belgacom’s ongoing innovations, Belgium ranks amongst the most advanced countries in the world in terms of high-speed broadband services, turning the country into one of the first real fiber nations.”

