Isocore Internetworking Lab validates Alcatel-Lucent IP/MPLS mobile backhaul solutio

Exhaustive, industry first independent tests confirm a best-in-class solution with superior scalability and resilience

Paris, June 25, 2008 – Alcatel-Lucent (Euronext Paris and NYSE: ALU)today announced that Isocore Internetworking Lab, the leader in validation and interoperability of emerging and next generation technologies, presented a comprehensive report confirming the scalability and resilience of Alcatel-Lucent's industry leading IP/MPLS portfolio for mobile backhaul. The independent performance verification by Isocore is an industry first and designed to evaluate the ability of Alcatel-Lucent's solution to meet the needs of mobile service operators for backhauling disparate cellular networks across common IP/MPLS networks under the most demanding conditions.

"The overall results indicate that the tested solution is one of the most comprehensive mobile backhaul solutions available in the industry," said Dr. Bijan Jabbari, President of Isocore. "Isocore feels comfortable in stating the scalability and feature richness of the Alcatel-Lucent mobile backhaul solution and believes, based on verifiable results, that the solutions evaluated during this testing series deliver comprehensive industry-leading mobile backhaul services."

The independent performance verification conducted by Isocore was commissioned by Alcatel-Lucent to confirm the scalability and resilience of its end-to-end IP/MPLS RAN aggregation and backhaul solutions within the Alcatel-Lucent Mobile Evolution Transport Architecture (META). Multiple iterations of each test were conducted with special emphasis being placed on resilience mechanisms. Tests confirmed that voice calls can be maintained by the Alcatel-Lucent MBH solution even in catastrophic node failure scenarios because the recovery mechanisms and features were able to successfully preserve the integrity of calls.

"These excellent results confirm our ability to deploy best in class IP mobile backhaul solutions that are now setting new industry standards for better scalability, higher availability, and superior resilience," said Basil Alwan, President of Alcatel-Lucent's IP activities. "As mobile backhaul networks transition to all IP networks, validating the scalability, resilience, and clock synchronization capabilities of an end-to-end all IP MBH solution is essential for wide-scale market adoption. Our willingness to subject our IP MBH solution to rigorous third party testing by Isocore reflects our commitment to bring the most robust and independently validated solutions to the market."

Isocore's evaluation focused on the Alcatel-Lucent 7750 Service Router and Alcatel-Lucent 7705 Service Aggregation Router as Systems Under Test (SUT) for CDMA/EVDO and GSM/UMTS/HSPA backhaul as well as for transport of Circuit Emulated Services (CES) and timing distribution over IP/MPLS. These tests certify that IP / MPLS solutions to the cell site fully support today's 2G and 3G technologies and that the solution satisfies and exceeds the requirements for resilient voice services, network timing, and high availability mobile backhaul transport. The tests also verify the readiness of the IP/MPLS mobile backhaul solution to support tomorrow's 4G, LTE, and enhanced packet core solutions as they move to complete end to end IP.

The rigorous tests were conducted by Isocore with support from Alcatel-Lucent engineers in March 2008 using the Agilent Technologies N2X Multiservice Test Solution to simulate the demanding deployment realities of mobile operators for the foreseeable future. Agilent's N2X was selected for the test bed because of its capability to provide accurate real-time statistics in a scaled test environment.

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Isocore provides technology validation, certification and product evaluation services in emerging and next generation Internet and wireless technologies. Isocore is leading validation and interoperability of novel technologies including MPLS, Carrier Ethernet, IPv6, IP Optical Integration, wireless backhauling and Layer 2/3 Virtual Private Networks (VPNs), IPTV service deployment architecture validation, and certification of other provider backbone technologies. Major router and switch vendors, Service Providers, and test equipment suppliers participate in Isocore activities. Isocore has major offices in the USA (the Washington DC area), Europe (Paris, France) and Asia (Tokyo, Japan). For more information on the test, visit http://www1.alcatel-lucent.com/bnd/mobile/

About Alcatel-Lucent
Alcatel-Lucent (Euronext Paris and NYSE: ALU) provides solutions that enable service providers, enterprise and governments worldwide, to deliver voice, data and video communication services to end-users. As a leader in fixed, mobile and converged broadband networking, IP technologies, applications and services, Alcatel-Lucent offers the end-to-end solutions that enable compelling communications services for people at home, at work and on the move. With operations in more than 130 countries, Alcatel-Lucent is a local partner with global reach. The company has the most experienced global services team in the industry, and one of the largest research, technology and innovation organizations in the telecommunications industry. Alcatel-Lucent achieved revenues of Euro 17.8 billion in 2007 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

Contact the Alcatel-Lucent Press Office: press@alcatel-lucent.com