

VIVO and Lucent Technologies to launch super-fast mobile data network trial in São Paulo and Rio de Janeiro

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3G CDMA2000 1xEV-DO Network to provide business users with data speeds that are more than 40 times faster than wireline dial-up connections

Rio de Janeiro, Brazil - VIVO and Lucent Technologies (NYSE: LU) today announced plans to launch a super-fast mobile data network trial in Rio de Janeiro and São Paulo. This third-generation (3G) CDMA2000® 1xEV-DO trial network, supplied by Lucent, will enable VIVO to provide select business customers with secure mobile access to corporate applications such as e-mail and intranets at data speeds of up to 2.4 Megabits per second (Mbps) - more than 40 times faster than wireline dial-up connections.

Lucent will upgrade 120 base stations to support CDMA2000 1xEV-DO, allowing VIVO customers from the main Brazilian markets to access the high-speed network by using their laptop PCs and personal digital assistants (PDAs) equipped with 1xEV-DO wireless modem cards. By providing secure mobile Internet Protocol (IP) virtual private network (VPN) connections on this high-speed data network, business customers can access the VIVO network as an extension of their corporate local area network (LAN) or intranet, allowing them to work from any location with the same level of speed and security they experience in the office. The 1xEV-DO network can be accessed wherever a cell phone

can be used including airports and customer locations.

"With Lucent's 1xEV-DO network, we have the potential to deliver advanced, mobile data services at speeds comparable to most landline connections," said Luis Avelar, Innovation and Marketing vice president for VIVO. "Our business customers will be able to have remote access to all of the applications they typically use in the office by implementing the concept of a mobile or virtual office."

Lucent's 1xEV-DO solution demonstrated these capabilities during testing conducted by VIVO in March 2004.

To enable the 1xEV-DO technology trial, Lucent will upgrade its commercial Flexent® CDMA base stations with channel cards and software. These include Flexent® Modular Cell 4.0 base stations -- part of the Bell Labs-developed OneBTS® family of base stations, which support multiple spread-spectrum technologies including CDMA2000 1X, 1xEV-DO, 1xEV-DV and W-CDMA/UMTS. In addition, Lucent will supply its Flexent Mobility Server to provide an open IP interface to the data network. Lucent Worldwide Services will provide installation and integration services.

"We believe this commercial trial will confirm our previous market research, which indicated that there is significant pent-up demand for mobile high-speed data services among business users in Brazil," said José Roberto Campos, president of Lucent Technologies in Brazil. "Our longstanding partnership with VIVO is very important to us, and we strive to keep them at the forefront of wireless technology in Brazil. For example, using Lucent's CDMA2000 1X solution, VIVO's subscribers in Rio de Janeiro and São Paulo were the first in Latin America to have access to advanced voice and 3G data services such as sound and picture downloads and instant messaging."

According to the CDMA Development Group (CDG), the number of 3G mobile subscribers has grown to more than 86 million worldwide, with nearly four million new subscribers joining networks every month. Today 81 operators have implemented 3G networks in 40 countries. There are 47 major manufacturers around the world selling 524 models of CDMA2000 1X and 1xEV-DO terminals.

A global leader in the development of commercial 3G spread-spectrum solutions, Lucent's Mobility Solutions Group has deployed CDMA2000, CDMA450, and W-CDMA/UMTS networks with more than 25 customers on the continents of North and South America, Asia, Europe and in the Australia/New Zealand region. Lucent has deployed more than 90,000 spread-spectrum base stations for mobile operators worldwide, of which 50,000 are already supporting 3G services.

Find the original press release on www.lucent.com

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