

Ericsson confirms ANx-DSL Platform Interoperability with Leading Vendor's xDSL Customer Premises Equipment

Ericsson's ANx-DSL broadband access platform has achieved real-world interoperability with xDSL (Digital Subscriber Line) Customer Premises Equipment (CPE) from such leading vendors as Efficient Networks, 3Com Corp., Alcatel Microelectronics, ADDTEL, Cayman Systems Inc., Compaq Computer Corp., FlowPoint Corp. and ITeX.

Based on the Asynchronous Transfer Mode (ATM) standard for cell-switched technology, the ANx-DSL platform can be deployed in a range of access networks. Operating on the existing Public Switched Telephone Network (PSTN), the Ericsson platform functions smoothly with existing CPE. Part of Ericsson's end-to-end network solutions, the ANx-DSL platform has been shown to be fully interoperable with ADSL (Asymmetric DSL) Lite Customer Premises Equipment from leading vendors. (ADSL Lite is also known as G.lite.)

"In designing our ANx-DSL platform, we were exacting in our efforts to achieve full interoperability with the new ADSL Lite industry standard and with multiple vendors' equipment," said Ron Dikhoff, general manager of wireline access for Ericsson. "The ease with which our platform works with Customer Premises Equipment from vendors such as these shows that we met that objective. Because of its high degree of interoperability, our platform gives customers maximum flexibility in choosing which ADSL Lite Customer Premises Equipment to use."

The Ericsson platform's full interoperability with the vendors' CPE was confirmed at a Supercomm '99 showcase sponsored by the Universal ADSL Working Group (UAWG) as well as in interoperability tests recently conducted at the University of New Hampshire Interoperability Laboratory.

"Efficient Networks is committed to enabling mass deployment of broadband access, and G.lite technology provides another catalyst for delivering consumer-friendly ADSL service," said Peter Bourne, director of product marketing at Efficient Networks. "Efficient has validated G.lite compatibility with strategic central office equipment vendors such as Ericsson and is working closely with service providers worldwide to ensure that G.lite-based services are available."

“3Com is focused on developing standards-based products and strongly believes interoperability is critical to driving mass market deployment of DSL,” said Al Brisard, director of marketing and product development, Personal Connectivity Division, 3Com Corp. “Ericsson’s ANx-DSL platform has proved to be interoperable with 3Com technology and products from other leading vendors in recent tests at Supercomm and in university settings. This makes it a reliable choice for service providers.”

A simplified version of full-rate ADSL, the ADSL Lite service is designed for residential customers and home-based businesses. Using a single standard telephone line, ADSL Lite provides Internet access of up to 1.5 Megabits per second – more than 25 times faster than today’s fastest analog modems. The standard also eliminates the need for special installation services or for additional wiring inside the home. Consumers receive “always-on” Internet access, and they can use the same single telephone line for voice and Internet communications.

In addition to the ANx-DSL platform, Ericsson’s end-to-end network solutions include the family of service selection gateways and edge routers, and AXD 301 backbone ATM switches. These combined platforms put Ericsson in the unique position of being able to provide complete solutions for xDSL networks.

Ericsson is the leading provider in the new telecoms world, with communications solutions that combine telecom and datacom technologies with freedom of mobility for the user. With more than 100,000 employees in 140 countries, Ericsson simplifies communications for its customers – network operators, service providers, enterprises and consumers – the world over.

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