

# Nokia launches new solution bringing VoIP to broadband networks

September 21 2004

---

Today at the Broadband World Forum in Venice, Italy, [Nokia](#) has launched a new solution for broadband operators, which will enable [VoIP](#) services to be combined with broadband.

The Nokia Voice solution brings POTS (Plain Old Telephone Service) compatibility to the Nokia D500 IP DSLAM, connecting traditional voice connections to a packet-based network. Combining voice services with broadband gives operators the opportunity to expand their offerings of person-to-person communications. In addition, significant cost savings can be achieved, by reducing the need for traditional POTS equipment in the network.

Operators using the Nokia Voice solution can provide a new service for how people talk and communicate, by introducing voice services into the broadband network. The solution will help fixed operators to save costs, capture segments of the market and increase ARPU (Average Revenue Per User).

Now, the Nokia D500 IP DSLAM (Digital Subscriber Line Access Multiplexer) allows operators to migrate to a VoIP solution by supporting both Voice over Broadband connections, and basic analogue 2 wire POTS connections from the same platform.

The Nokia D500 also supports Session Initiation Protocol (SIP) enabling fast deployment of new services, including interworking "convergence" applications such as voice and multimedia applications for fixed and mobile operators. The Nokia D500 also provides the Quality of Service

features for connectivity with WLAN enabled terminals and PCs. A working VoIP demonstration will be on show at the Broadband World Forum in Venice.

"Voice traffic is still the greatest revenue earner for operators today and the Nokia Voice solution meets an increasing demand for fixed operators looking to introduce VoIP into their service portfolio," says Pekka Virola, Director, Broadband Access, Networks, Nokia.

"Developments in IP technology have enabled the evolution of the traditional fixed voice network, from a circuit switched network to a packet switched (IP) network. With the addition of a voice solution to the Nokia D500, operators have a tremendous opportunity to revive their voice networks."

The Nokia D500 delivers integrated IP functionality unlike any other IP DSLAM in the broadband industry. It brings unrivalled benefits for operators, for not only fast Internet services, but is also ideal for bringing multimedia service delivering capacity including voice and video. It also includes ADSL2+ features for enhanced bandwidth and greater reach.

Citation: Nokia launches new solution bringing VoIP to broadband networks (2004, September 21) retrieved 5 May 2024 from <https://phys.org/news/2004-09-nokia-solution-voip-broadband-networks.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--