

devolo at the IPTV World Forum 2010: New dLAN generation with 500 Mbps is the ideal in-house solution for ISPs that offer FTTx

devolo AG of Aachen, Germany, the global market leader of powerline-based network solutions, is presenting its innovative dLAN solutions for Internet service providers at the IPTV World Forum 2010. At centre focus of the trade fair is the new dLAN generation, which has a transfer rate of 500 Mbps and is predestined as the in-house backbone for implementing FTTx projects. With complete integration of the TR069 protocol on a layer-3 level, the dLAN adapters make comprehensive remote management possible for the ISP.

Aachen, Germany, 15 March 2010 – [devolo](#), the leading company technologically in the powerline market, is introducing its dLAN products and solutions for Internet service providers at the IPTV World Forum 2010 in National Hall, Olympia, Groundfloor, at Booth 43. This international trade fair, which will take place from 23 to 25 March 2010 in London's Olympia Hall, represents the seismograph for determining trends in the ISP segment. The top topic this year is the Fiber-to-the-Home trend (FTTx) in Europe, which adds a completely new dimension to the broadband Internet options for home users. With a bandwidth that is easily twice as big as VDSL, FTTx will also create new demands on the home networks of end customers.

dLAN 500 – the in-house backbone for FTTx

Here, devolo makes use of its innovative dLAN technology and presents the trade visitors of the IPTV World Forum a new generation of products with a transmission rate of 500 Mbps that will have its market launch already in September 2010. The adapters, which are in compliance with the forthcoming international IEEE 1901 powerline standard, offer not only higher speed, but also a longer range. This allows, for example, up to four HDTV channels to be transmitted simultaneously via the home network. Unlike alternative standards, IEEE 1901 guarantees almost perfectly consistent high bandwidth over the entire network. Thus dLAN 500 is ideal for all triple play applications. The devolo technology will be especially attractive for Internet service providers, as it provides full TR069 support based on Layer 3 implementation for comprehensive remote management. For example, new firmware can be installed via remote maintenance, or the entire product scenario at the end customer's facility can be configured automatically by the ISP. dLAN supports address assignment via DHCP and APIPA as well as a static configuration.

devolo's dLAN products are one-of-a-kind: they offer genuine plug and play and thus can be set up by the end customer in minutes. By using the power line as the network connection, there is no need for any great installation effort as would result, for example, from laying network cables. With a cable length of 300 meters, the supply truly extends to every room in the home. This means that unlike with WLAN, triple play applications are possible everywhere. Compatibility with the HomePlug AV standard allows consumers to use the new generation of dLAN products together with dLAN 200 AV adapters in a powerline network. As part of the green IT program, the manufacture of the new dLAN generation is sustainable, and the units feature the Dynamic PowerSave technology developed by devolo that enables standby consumption of less than 1 watt.

dLAN 200 AV – new dLAN highlights at the IPTV World Forum

The dLAN 200 AV Wireless N completes devolo's dLAN 200 AV portfolio. The compact dLAN adapter is equipped with an internal WLAN antenna and enables consumers to set up WLAN zones quickly and easily for wireless surfing in the dLAN network. Support of the fast WiFi N standard ensures that the full dLAN bandwidth of 200 Mbps is used. In addition, the dLAN 200 AV Wireless N has three Ethernet sockets and thus is the ideal product for operating multiple network-compatible devices on one dLAN adapter.

The dLAN 200 AV USB Extender is an innovative dLAN addition, since the adapter features one USB Host port instead of an Ethernet interface. This way, USB devices such as printers, hard drives or webcams can easily be integrated into the dLAN home network.

With the dLAN TV Sat, devolo has introduced an innovative solution for easily distributing satellite TV signals which does not require a coaxial line for transmission. The dLAN TV Sat 1300 HD receiver is the company's first set-top box that is ready for series production. An HDMI interface and digital output ensure the best transmission to the TV device and surround sound system. Yet, the dLAN TV Sat 1300 HD is not just a DVB-S2 set-top box of the latest generation: It is also an EPG-supported video recorder. Consumers can easily use USB mass storage devices such as hard drives or memory sticks as storage media.

devolo is also presenting its current product portfolio at the IPTV World Forum in London. This includes the ultra-compact dLAN 200 AVmini dLAN adapter, which, with a depth of only 29 mm, can be used nearly anywhere. With its dLAN 200 AVsmart+, the company is presenting at the IPTV World Forum the first powerline adapter in the world with a "dLAN screen", an innovative LC status display for extreme simplification of network installation and monitoring. Via its integrated screen, the dLAN 200 AVsmart+ offers comprehensive monitoring functions such as the display of the connection quality to other adapters in the powerline network. This is essential especially for networking consumer electronics devices.

"In designing the new dLAN products, our focus was on the needs of Internet service providers, such as Remote Management," says Heiko Harbers, CEO of devolo AG, of the creation of the new dLAN generation. He adds: "Our foremost priority in development was ensuring the highest possible data transmission over the entire length of the line, so that end customers can run triple play applications anywhere in the home. Moreover, by supporting the IEEE 1901 standard, devolo is using a standard that is compatible around the world. We are confident that with dLAN, we have created the ideal backbone for the home network of the future. Easy installation with automatic encryption. High transmission rates, long range and remote management – dLAN has more advantages than ever!"

The text can also be downloaded at www.devolo.de in the media section and at www.konstant.de.