



**Press Release
May 3, 2010**

AVM with IPv6

FRITZ!Box now with native IPv6 in standard operation – The first European provider to offer IPv6 for home users

Berlin. **With its many years of experience with IPv6, the German FRITZ!Box manufacturer AVM is one of the pioneers in the implementation of the new Internet protocol in DSL terminal equipment. The Internet Service Provider XS4ALL is relying on the FRITZ!Box for IPv6. The Dutch DSL provider is the first European ISP to make native IPv6 available for home users as well.**

Successful IPv6 test phase

Prerequisite for the launch of operation of the FRITZ!Box with native IPv6 was a successful one-year test phase. During this phase, the scope of features for the new Internet protocol was continuously enhanced and adapted to the latest state of IPv6 development. AVM, the Berlin communication specialist, once again made security and user friendliness the top priorities for IPv6 from the very outset. As a result, the new Internet protocol is outfitted with an extensive firewall. To ensure a smooth transition, IPv6 and IPv4 can be run in parallel (dual stack) with the FRITZ!Box both in the network (WLAN / LAN) and on the Internet. There is no need to configure current operating systems when using IPv6 with the FRITZ!Box.

IPv6 – the future of the Internet

When seen from the network standpoint, IPv6 is almost like a completely new Internet. In the future, users will not only be given a unique IP address for their entire network by their Internet **Service Provider**, they will also have complete subnets with many public IP addresses, meaning that every terminal device will have a unique address. Existing services like P2P, VPN or videoconferencing will be easier and a number of new applications will be possible. IPv6 doesn't just offer more flexibility, it has also become a

1/2



necessity because IP addresses for the current Internet protocol IPv4 are in short supply. It is already the case that mobile network operators can no longer offer private users public IPv4 addresses.

More information about IPv6 and FRITZ!Box

Even if your Internet Service Provider does not yet support the new Internet protocol, you can still try out IPv6 with the FRITZ!Box. Interested? You can find information about the IPv6 firmware and IPv6 at www.avm.de/ipv6 (www.avm.de/en/ipv6).

IPv6 and FRITZ!Box – background information

The FRITZ!Box offers comprehensive IPv6 implementation, with native IPv6 or tunnel protocols for a number of different Internet connection types available all over the world. At the same time, it offers all of the services necessary for successful IPv6 connectivity from your home network. The FRITZ!Box, for example, supports what is known as the prefix delegation so that the home network knows which sub-network has been assigned by the Internet Service Provider. The IPv6 version of the FRITZ!Box firmware implements adapted protocols such as DHCP, DNS and the HTTP user interface.

About AVM

Founded in 1986 in Berlin, AVM is one of the top two providers of DSL terminal devices in Europe. With over 50 percent of the market share, it is the leading provider in Germany, Europe's largest market. AVM employs 425 people and generated EUR 200 million in revenue in 2009. The Berlin communications specialist has received numerous awards for its innovative FRITZ!Box family, developed and manufactured in Germany. The FRITZ!Box enables fast, user-friendly DSL access, easy networking, inexpensive Internet telephony and versatile multimedia applications.