All IP in 60 seconds

Traditional landline-based technology is obsolete and dates from pre-Internet times. People all over the world have been switching over to future-oriented Internet Protocol (IP) technology for some time. And Switzerland is no exception. With All IP, Swisscom provides the technical basis for the digitisation of communication within Switzerland and secures the country's position as an attractive business location. Swisscom is therefore planning to transfer all services such as voice telephony, TV or data to IP technology by the end of 2017. The old telephony infrastructure will be gradually decommissioned from 2018. Customers who have not yet switched to an IP product by then will be helped to do so by Swisscom. Existing devices (analogue) can continue to be used afterwards through the analogue interface of the router (until at least the end of 2020).

For *residential customers*, the switch is easy and generally coincides with switching products or moving house – instead of a router just for the Internet, the customer will have a router for All IP and will therefore receive all services, voice telephony, Internet and TV over the standardised IP technology. Over 60,000 connections are transferred to IP every month. Customers will be able to continue using their existing telephone in most cases. Only customers with very old rotary dial telephones or ISDN devices will require a new device or a converter.

Residential customers benefit from improved high-definition (HD) voice quality, simple and personalised blocking of incoming calls, automatic caller name display (even for numbers which the customer has not saved), "Fixed network to go", Swisscom spam filter for unwanted calls (by the end of 2016) and a number of other future developments.
For *business customers*, All IP means working and communicating from anywhere on any device. Landline telephone services are now mobile, since the landline number can also be used via PC, tablet or smartphone. With All IP, landline-based telephony and the Internet can be provided over the mobile network, thereby increasing availability.

However, special applications can pose a particular challenge as part of this switch to IP. These include alarm systems, lift telephones, franking machines and remote control and monitoring systems that communicate via traditional landline-based connections (analogue/ISDN). What is important is that the switch is made now, as the necessary resources will run short for many market players in 2017. The supplier or manufacturer of your current system/application is familiar with a number of possible solutions and can provide you with expert advice on this topic.

More information at www.swisscom.ch/ip

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