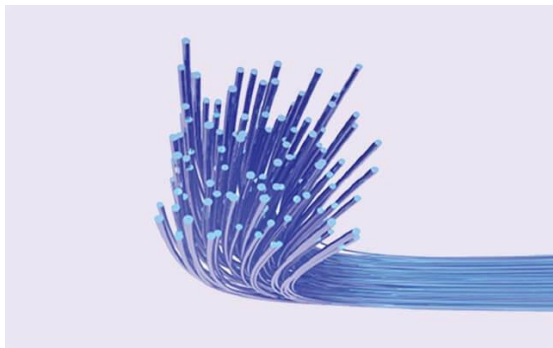# The future of telephony : From telephony to IP

We continuously optimize and modernize our network
Ready for the future with Voice over IP technology?

The way we communicate in our work environment has changed a lot: data communication has become indispensable. With this change comes the need to renew the IT and network infrastructure. More and more companies choose to migrate to an IP platform which integrates all communications (voice and data). This offers numerous advantages.

Ready for the future thanks to Voice over IP technology?

More network capacity for the New Ways of Working

In the past, companies communicated by telephone or fax via the analog (PSTN) and digital (ISDN) telephone network. These days, professionals communicate by e-mail, Internet, and video conferencing on their PC; they share information via Instant Messaging; and they collaborate remotely by sharing documents (desktop sharing) and using company applications via the cloud. This way, everyone can work from anywhere. However, this evolution requires a large network capacity. To meet this demand, we are investing in optical fiber and IP (Internet Protocol) technology. All communications – voice and data – will therefore pass over a single integrated IP network, with redundant capacity.

ISDN has become outdated

We are evolving towards a network economy in which everything will always be available everywhere, all the time and immediately. This market evolution is a technological trend which can be seen among manufacturers of network and communication equipment who, for example, convert analog and digital communications into SIP (Session Initiation Protocol) in the telephone exchanges. As a result, the current ISDN or PSTN systems become outdated. But there's no need to panic if you still use this technology. Proximus will continue to ensure the technical service and maintenance for a few years. So nothing will change for you. However, if

you need to make changes or add a new line, this is a good opportunity to migrate to the new IP technology: we will take care of everything and guide you through the migration.

Voice over IP

Rich media communication is one of the main assets of Voice over IP technology. This technology can easily interact with applications such as e-mail, Internet browsers, Instant Messaging, and social networks. The delivery of voice messages by e-mail, click-to-dial on your website, and a button for calling in an e-mail are just a few examples. This can only benefit the management of your IT infrastructure. Thanks to the integration of data and telephony on IP, you only have to maintain a single network, which reduces costs. Finally, the integration of voice and data facilitates the unification of fixed and mobile. The service connects fixed and mobile numbers in the telephone exchange and in the network in order to guarantee permanent accessibility, regardless of the number dialed.

New infrastructure

We want to continue offering the best fixed and mobile network to our customers, whether for data or telephony. This is why we continuously improve, optimize and modernize our infrastructure. This year, we are reaching some new milestones. Optical fiber will be deployed gradually and ADSL customers will benefit from a VDSL 2 upgrade for higher speed.

Advantages

- Advantageous, next-generation VoIP rate plans and offers
- A single network for voice and data traffic
- Easy-to-integrate IT applications
- More possibilities: video conferencing, instant messaging, etc.
- More mobility: flex desk or hot desking with IP telephones in-house, remotely, or in the home with a softphone, etc.
- Evolution towards the integration of fixed and mobile numbers
- A scalable, future-proof solution: a network that adapts to the needs of your company

IP solutions

Phone Line

Gradually, even the traditional telephone line will be transformed into an IP line: it will be directly connected to your modem instead of the wall socket.

Call Connect

Call Connect offers you all the advantages and flexibility of a phone exchange. At any moment you can change the number of users.

Enterprise voice

The Enterprise Voice access will replace ISDN. Discover how to simplify your telephone infrastructure with [IP telephony](#)

Telephone exchanges

Welcome your customers in an impeccable, professional way thanks to a [tailor-made telephone exchange](#).

Optical fiber

Do business at the speed of light. [Optical fiber](#) offers business customers a host of possibilities for more flexible working.