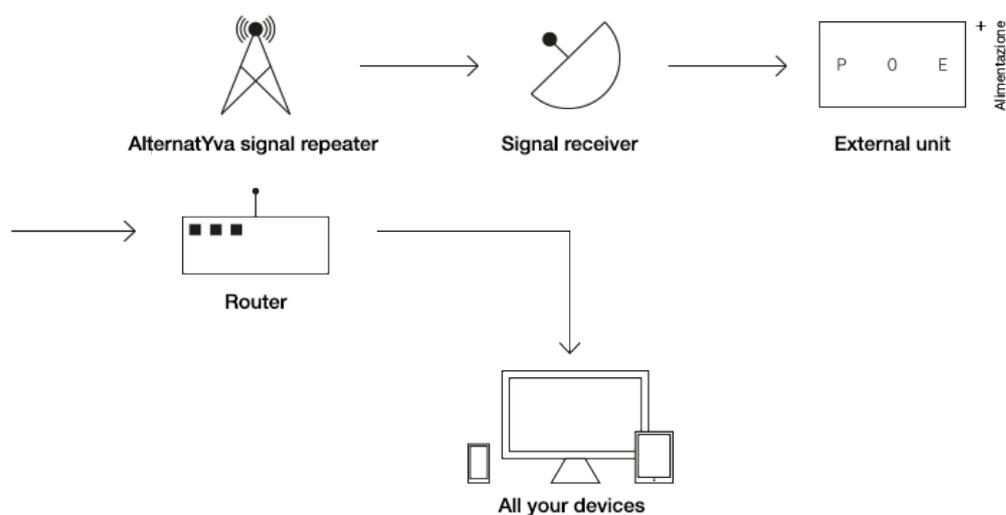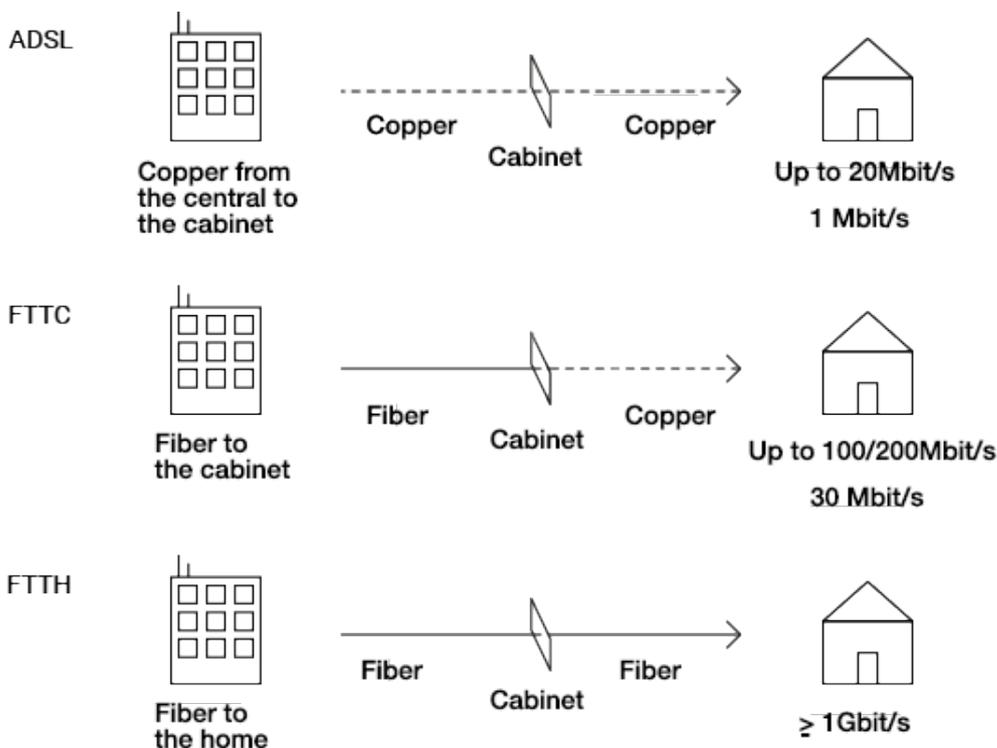# WDSL

The service, based on WDSL technology (Wireless Digital Subscriber Line), relies on proprietary transmission lines designed and directly made by Alternatyva. The advantage of this technology consists in bringing the Internet service through antennas (positioned on the territory) that communicate wirelessly to small reception panels placed on the roofs of the houses. The WDSL therefore provides broadband supply even to areas where the cable connection is not available or offers low quality performance. Therefore, this technology provides the residential customers with an optimal user experience through a 50 Mbps web surfing speed, while it gives the firms high reliability thanks to the guaranteed band and to the web surfing speed up to 400 Mbps.

AlternatYva signal repeater   Signal receiver   External unit

Router

All your devices

FIBER OPTIC

Alternatyva deals with the cabling and with the supply of internet connection with Fiber Optic FTTH (Fiber To The Home). The entire connection, (from the central units to the real estate units and the company premises), is realized in fiber optic. The result is a very high performance: FTTH technology is, in fact, the only one able to guarantee a transmission speed up to 1,000 Mbps. Performance not achievable with copper networks (ADSL up to 20 Mbps) or fiber / copper (FTTC up to 100 Mbps). With this technology we are ready to go towards the future. The FTTH optical fiber is, in fact, the only connection to allow a fast, efficient and reliable data transmission so as to guarantee support for the technologies that will be developed in the coming years.

ADSL — Copper from the central to the cabinet — Copper → Cabinet → Copper → Up to 20Mbit/s / 1 Mbit/s

FTTC — Fiber to the cabinet — Fiber → Cabinet → Copper → Up to 100/200Mbit/s / 30 Mbit/s

FTTH — Fiber to the home — Fiber → Cabinet → Fiber → ≥ 1Gbit/s

SERVICES TO COMPANIES

Alternatyva offer personalized services for companies that include: high-performance connectivity design, development and implementation/laying of wiring professional WiFi areas switchboards and telephone timed connectivity computer security and latest generation firewall cloud and data backup security and access management

SMART ALARM E SMART HOME

FYDO alarm system ensures the safety of the home environment without false alarms and through the immediate intervention of the police or the private Security only in case of real danger. Below are the elements that describe the value proposition of the system. FYDO is the only security system based on biometric recognition that recognizes family members from strangers.

Performs behavioural analysis and learns the biometric profiles and routines of the inhabitants of the house thanks to machine learning. It uses innovative, technologically advanced devices, cameras and sensors. It uses artificial intelligence systems to interpret inputs and intervene in dangerous situations. FYDO is the only home alarm active24/7 even when we are at home. Guarantees

the intervention of the police or the private security always at the right time. It has a low aesthetic impact on homes, as it is composed of only 3 hardware unlike traditional alarms that use at least twice as much. With the same hub that manages the FYDO system, it will be possible to connect endless devices such as appliances, thermostat, lights and control them via the App or directly with the voice. AlternatYva's FYDO system gets smarter and learns new things all the time, automatically adding new features and updating itself via cloud.

SMART PETS

PETTY is a tracker for pets. By attaching PETTY to the collar or the harness it is possible, through the dedicated App to: locate the PET position through GPS geolocation monitor the activity of each PET set goals, such as a number of daily steps view in real time the path of a walk The PETTY algorithm interprets all the data of your pet and turns them into useful advice for a healthy and active life.