

# ELCONnect fiber: A Telecom Solution Against the Digital Divide

White Paper

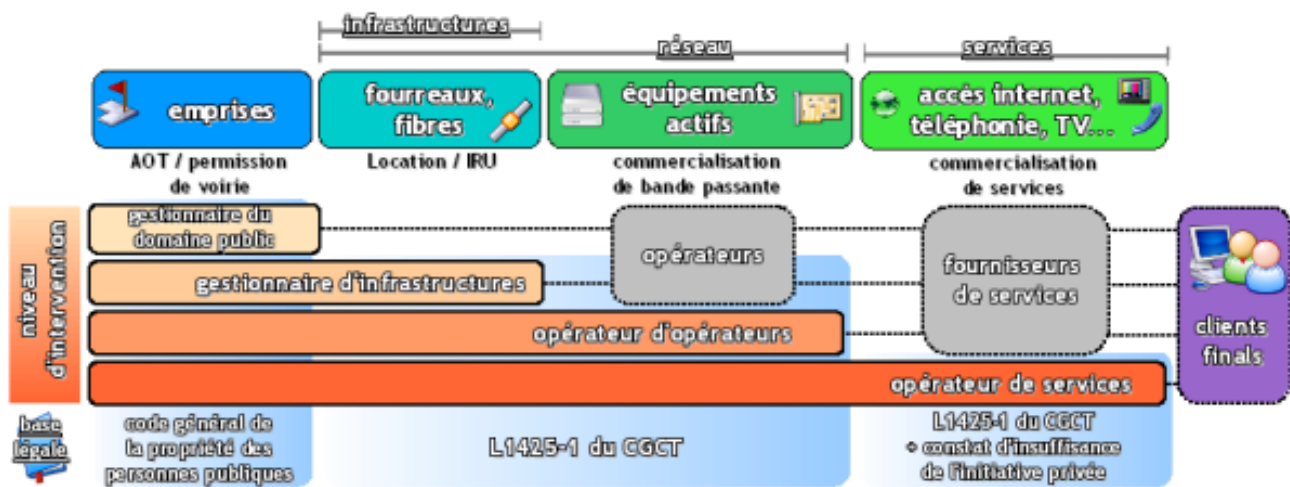


## CHALLENGES

ELCON is mobilized to ensure that all citizens have equal access to broadband. Faced with this challenge to society, ELCON offers a technological solution to public institutions (local governments and authorities, operators ...) whose objective is to make high speed services available to all.

Without the support of public and state, only one third of French households will be equipped with fiber optics by 2015.

Indeed, these institutions and their groupings are allowed to establish infrastructure networks and exploit them (referred to as Public Initiative Networks or PIN).



Base légale renforcée par la Loi pour la Modernisation de l'Economie du 4 août 2008 (LME).

Their intervention in the telecommunications field serves several purposes:

- for the country planning, they can deploy infrastructure to eliminate the "white areas" not served by operators,
- under economic attractiveness, infrastructure development in fiber optics in the areas of activities can provide high capacity bandwidth suitable to business needs,
- these initiatives help to stimulate competition between operators, boosting the supply of services thanks to higher bit rates and more competitive prices,
- finally, they also have the opportunity to enhance their public domain by the use of available duct installed in the basement.

Access to broadband is a priority for the country planning on which ELCON is giving its support.

## ELCON PROPOSAL

To accomplish this transformation to the digital society, ELCON offers a technical solution which easily provides a Very High Speed and Triple Play access to subscribers via fiber optics.

The ELCONnect fiber offer has many advantages:

- Comfort of high-speed optical fiber up to 100 Mbps per subscriber.
- Diversity of services offered: TV, IP and telephony.
- Innovative conception of the solution:
  - pre-installation box for the installation of fiber access by the technicians,
  - easy connection of CPE to that box by the broadband subscriber
  - auto-configuration (TR069)
  - management via SNMP,
  - VoIP function (SIP, G711 and services),
  - IP router function (NAT, DHCP, Firewall, Port Forwarding)
  - Options: 1 or 2 fibers (100base-LX/BX SMF 1310/1550nm), CATV, Wi-Fi.

## THE ELCONNECT FIBER SOLUTION

