Our network

INTRED

Our fibre

Reliability, speed, innovation: Intred optical fibre projects your business into the future.

Choosing Intred optical fibre means investing in **a reliable, scalable and durable network**, capable of meeting future connection needs without requiring changes to the infrastructure.

Intred optical fibre enables:

- high data transmission speed and capacity
- maximum levels of reliability and continuity of the connection
- unalterable service and resistance to electromagnetic interference or atmospheric agents
- scalability and compatibility with pre-existing networks

The advantages of optical fibre:

- remote hosting and relocation of company servers
- remote data synchronisation and backup
- disaster recovery
- immediate access to company data from remote sites via VPN connections
- real-time applications (VoIP, video on demand, video conferencing, etc.)

INTRED

FTTH PTP - Fiber to the Home Point-to-Point

The **FTTH PTP** service is a Point-to-Point connection built entirely on **dedicated optical fibre**, directly connecting Intred's local Point of Presence (POP) to the business. It is the **highest-performance solution**, guaranteeing maximum performance, high reliability and minimal latency. It is ideal for organisations that handle high volumes of data traffic, mission-critical ICT applications, advanced cloud services and interconnections between distributed sites. It includes contractual SLAs, with symmetrical bandwidth scalable up to 10 Gbps and beyond (on a project basis).



Connection profile	PCR down /up (bps)
FIBER FTTH PTP 10G	10G
FIBER FTTH PTP 5G	5G
FIBER FTTH PTP 2G	2G
FIBER FTTH PTP 1G	1G
FIBER FTTH PTP 500M	500M
FIBER FTTH PTP 300M	300M
FIBER FTTH PTP 200M	200M
FIBER FTTH PTP 100M	100M

FTTO - Fiber to the Office

The **FTTO** service is an optical fibre connectivity solution dedicated to **businesses**, guaranteeing operational stability and high performance in professional settings. The connection is made with a direct link to the company's premises, ensuring **consistent quality** of service and performance levels suited to advanced digital working environments. It is the ideal choice for companies that need **high-performing and reliable** connectivity, without the complexity of dedicated infrastructure projects.



Connection profile	PCR down /up (bps)	MCR down /up (bps)
FTTO 5G	5G/5G	500M
FTTO 5G	5G/5G	50M
FTTO 2G	2G/2G	200M
FTTO 2G	2G/2G	20M
FTTO 1G	1G/1G	100M
FTTO 1G	1G/1G	10M

FTTH PON - Fiber to the Home Passive Optical Network

The **FTTH PON** service uses an optical fibre network with shared infrastructure, based on a PON tree architecture. This solution makes it possible to offer secure **high-speed** connections, ideal for supporting digital services, cloud applications and the day-to-day operations of businesses. Various asymmetrical configurations are available for Business customers, depending on their different operational needs.



Connection profile	PCR down /up (bps)	MCR down /up (bps)
FIBER FTTH PON 1G/500M	1G/500M	30M/30M
FIBER FTTH PON 1G/500M	1G/500M	10M/10M
FIBER FTTH PON 1G/300M	1G/300M	30M/30M
FIBER FTTH PON 1G/300M	1G/300M	5M/5M

FTTC - Fiber to the Cabinet

The **FTTC** service combines an optical fibre link from Intred's Point of Presence (POP) to the local roadside cabinet (Street Cabinet) with a section of existing copper network for the final connection to the business. Thanks to the short length of the copper link and the use of advanced transmission technologies, the solution guarantees good levels of **speed and stability**, suited to the main business needs. It is the recommended solution for companies with standard connectivity needs and offers **fast activation times** in the areas covered by the Intred network.



Connection profile	PCR down /up (bps)	MCR down /up (bps)
FIBER FTTC 200M/20M	200M/20M	3M/3M
FIBER FTTC 200M/20M	200M/20M	1M/1M
FIBER FTTC 100M/20M	100M/20M	3M/3M
FIBER FTTC 100M/20M	100M/20M	1M/1M
FIBER FTTC 30M/3M	30M/3M	3M/3M
FIBER FTTC 30M/3M	30M/3M	1M/1M

Our network

View the detailed map



INTRED Network

INTRED Backbone

A constantly expanding infrastructure.

The numbers

A leader in practice.

Intred has an optical fibre network throughout Lombardy, with a proprietary infrastructure that is expanding. Control of this asset makes it possible to deliver efficient services and to respond promptly to customer needs.

The infrastructure is highly redundant in terms of geography and of the equipment used. The network access points are reached by optical fibre with diverse geographical routes.

Intred has established itself as a highly reliable **national operator**, thanks to solid and consistent results. Our numbers reflect the trust of thousands of customers and the quality of the solutions offered.

+60,000
lines activated

+200m
capital invested

+190
qualified staff

+15,000
km of proprietary optical fibre

30 years
of cutting-edge experience in the sector

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