

# FASTWEB WHOLESALE



FASTWEB +  vodafone

**FASTWEB**

# A DISTINCTIVE POSITIONING, UNIQUE IN THE MARKET

Fastweb is the only wholesaler in Italy to provide both fixed and mobile services: an integrated approach that guarantees the Operators a single point of contact to access all market segments and most advanced technologies. A one-stop-shop model that leverages on digital tools to ensure the Operators the maximum efficiency of the processes.

## RESIDENTIAL & BUSINESS SERVICES

### INFRASTRUCTURE



### TRANSPORT



### MOBILE



### L2 ACCESS SERVICE



### L3 ACCESS SERVICE



### FULL DIGITAL EXPERIENCE

Customer Portal and APIs (REST, SOAP and MEF Sonata protocols) enable the Operators to independently manage quotes, orders and monitor provisioning and assurance.

# OUR NETWORK

Fastweb can play a primary role for **capacity backhaul** thanks to the capability to transport high capacity signals (**capillary optical network in a meshed way**) from the main sea-cable landing stations, data center or carrier Pops from each point of Italy.

The Fastweb Network directly reaches the **main European POPs**. Through partnership with the most important international carriers, Fastweb Wholesale makes connections possible everywhere, in Italy or abroad.

Fastweb owns TIER III, TIER IV and RATED IV Data Center in Milan and Rome.



# MAIN FEATURES

**A new generation network capable of collecting and transporting traffic on 100Gbps, 200Gbps and 400Gbps.**

- Full flexibility and re-sharpening of optical domains
- Multi-degree node
- Flexibility and scalability of capacity
- Co-existence of photonic (DWDM) and electrical dominion (OTN)
- T-SDN ready architecture
- Unprotected and protected links with restoration option availability
- Integrated monitoring tools to reduce trouble-shooting time
- Multiple paths ensuring high reliability

# ADDITIONAL PRESENCE

**OWNED • DATA CENTERS • Milan and Rome • Tier III  
Tier IV • Rated 4 Certified**

## MAIN DATA CENTERS CONNECTED

Caldera Campus  
**Milan** Data4  
Equinix ML2 ML3 ML5  
**Milan Siziano** - Stack  
**Ponte S.Pietro (BG)** - Aruba  
**Arezzo** Aruba  
Aruba  
Namex  
**Rome** Tecnopolo  
Mediterra/CloudEurope  
Digital Realty  
**Carini** -Open Hub Med

## OTHER LOCATIONS

Main Carrier POP  
Main Italian NAPs  
Main international NAPs (DECIX, AMSIX, LINX)

## CLS

**Catania** - Epic  
**Crotone** - Ionian  
**Palermo** - Sicily Hub  
**Mazara del Vallo** MENA/TE  
Unitirreno  
Go  
Melita

# TRANSPORT NETWORK (OTN/WDN)



## **DEDICATED BANDWIDTH TRANSPORT SOLUTION**

Multiple architectures to design protected and unprotected circuits in single and dual homing solutions. Thanks to DWDM and OTN technologies, the Fastweb long-distance network allows to increase the bandwidth capacity on the transport level and to expand compatibility with major protocols.

## LAYER 2 ACCESS SERVICE

Ethernet high-capacity transport solutions to meet Carriers' connectivity needs



### **POINT TO POINT SERVICE**

A dedicated symmetric valuable connectivity with guaranteed bandwidth, designed for the business market, with customized and highly reliable access solutions from 10Mbps to 10Gbps. The service is available also with the standard MEF 2.0



### **POINT TO MULTI-POINT**

Connectivity platform with nation-wide UBB coverage granted through different technologies. Up to 3 V-LANs available and CoS management. SLA of Provisioning & Assurance among the best of the market.

# MOBILE



## MOBILE FOR MVNOs

Fastweb provides different solutions to Operators that wish to offer mobile services to their customers, enabling different levels of integration.

# LAYER 3 ACCESS SERVICE

The managed Layer 3 connectivity that allows access to the Big Internet with high performances



## INTERNET ACCESS (DIA) & VPN

High-performance business Internet access without slowdowns, backed by SLA guarantees. Choose from DIA or IP Transit solutions with speeds up to 10 Gbps and rock-solid reliability. Get dedicated support teams plus optional backup, AntiDDoS protection, and Mobile IP services.



## FAST INTERNET ACCESS

An Internet Access solution fully managed by Fastweb, designed for the Residential market.

The FIA service leverages on a nationwide UBB coverage and offers digital tools to the Operators to manage all the processes.



## DATA CARD

The Only-Data 5G Mobile Service allows to create stand-alone solutions or integrate fixed connectivity for backup and control of connected objects.



## OTT VOICE VOIP

VOIP service that can be activated on Layer 2 and Layer 3 data connectivity. The service includes the management of geographical numbers, and the voice traffic is completely pay-per-use.

# FASTWEB IN A NUTSHELL

Fastweb is one of the leading telecommunication Operators in Italy with one of the **most extensive proprietary ultra-broadband infrastructures** in Europe.

Today Fastweb's network infrastructure is **more than 78.000 kilometers** long and spans the entire country, providing connectivity through dedicated fiber, FTTH GPON, VDSL and 5G.

Thanks to its ever evolving **ultra-broadband** and **5G networks**, together with continuous focus on innovation, Fastweb leads the digital transformation of the Country.

## OUR VALUES



### Spark Passion

We inspire people to thrive and embrace change.



### Aim High

We set ambitious goals and deliver together.



### Stand True

We lead by example, keep promises and speak up.



***fastweb.it/wholesale***


CERTIFIED  
**ISO 27701**



CERTIFIED  
**ISO 20000**



CERTIFIED  
**ISO/IEC 27001**



CERTIFIED  
**ISO 9001**



Core business services, are certified:  
DedicatedTransport, Point To Point Service, Point To Multi Point, Internet Access & VPN, Fast Internet Access,  
Voice OTT and Infrastructure Services (DarkFiber, Housing & Colocation)