



Wholesale Market

Semi-VULA

Like VULA but with the advantage of FiberCop
co-investment

SEMI-VULA

With Semi-VULA you can offer VULA FTTH, with the cost advantages of FiberCop co-investment.

Service characteristics

FTTH accesses	National coverage
Downstream up to: 1 Gbit/s – 2.5 Gbit/s – 10 Gbit/s	1.007 municipalities
Upstream to: 100 Mbit/s – 300 Mbit/s - 500 Mbit/s – 1 Gbit/s – 2 Gbit/s	

Who is it for?

Semi-VULA is the ideal solution if:

- you already use VULA
- you have participated in the co-investment with FiberCop project
- you want to collect the accesses in the municipalities involved in co-investment in the VULA delivery kits already in your possession

Preliminary services

- Co-investment contract with [FiberCop](#) (Semi-GPON with guaranteed minimum)
- [VULA](#)

Description of Semi-VULA

With the Semi-VULA service, we collect FTTH access traffic you have co-invested in and deliver it onto your Bitstream Kit, and if you like, also with the VLANs you are already using to collect other VULA accesses in the same exchange.

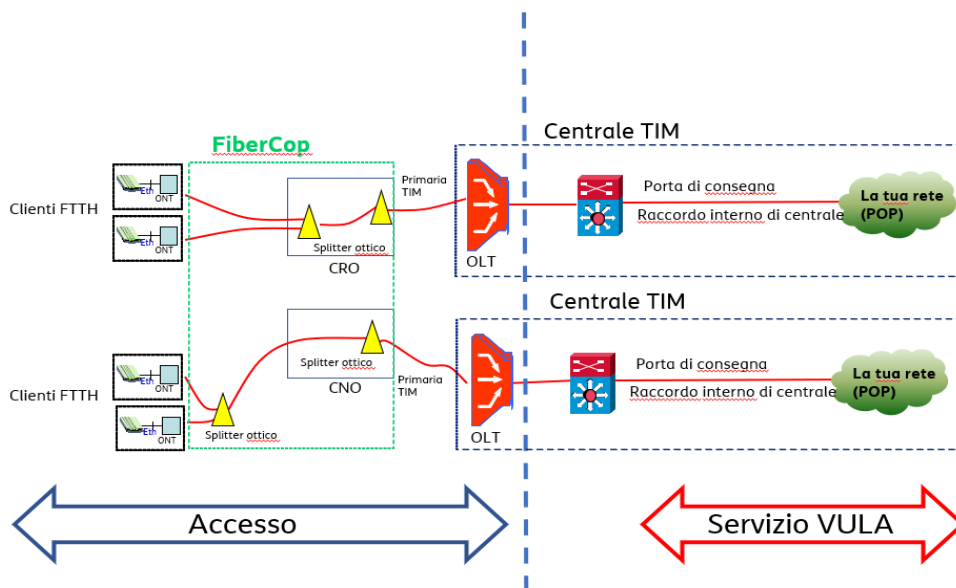
To receive the semi-VULA service, you must therefore:

- activate the VULA service
- have participated in the Co-investment with FiberCop project (Semi-GPON service with guaranteed minimum) to use passive connections on the secondary fibre optic network, from the end customer site up to the FiberCop optical cabinets (CRO/CNO).

SEMI-VULA

TIM will be responsible for End to End management of the supply and support processes, invoicing and SLAs/penalties (also for the components that FiberCop is responsible for) (End to End Semi-VULA).

Like the VULA service, the Semi-VULA service also has 2 components: delivery and access but the delivery component is the VULA service one.



Access

This is the FTTH connection between the end customer site and the TIM exchange by way of:

- Semi-GPON connection purchased from FiberCop;
- shared use of the TIM primary fibre optic network from the FiberCop CRO/CNO cabinets to the TIM OLT site;
- supply of the ONT to the end customer site.

Classes of Service: (CoS)

In the Semi-VULA service, the same classes of service (CoS:) as the VULA service are available to offer services of varying (web browsing, VoIP, video streaming, gaming, etc.), and here too, each access has its own "traffic capacity" (bandwidth) for each CoS...all without additional costs because "you do not pay for bandwidth" in the Semi-VULA service.

SEMI-VULA

Getting started

You must have:

- signed the VULA contract: you must do this to request the KIT VULA and VLANs in the exchange where your accesses are delivered;
- signed the Co-investment with FiberCop contract

You can ask us to supply a new Semi-VULA line or effect a “migration”, i.e. the customer is transferred from another Operator (OAO).

Costs

For more information, contact the Account Manager.

If, on the other hand, you are not already one of our customers, you can go to the section [How to become a customer](#) and complete the form. One of our Commercial Team will contact you as soon as possible!

Additional information

You can also ask us to provide the Semi-VULA service on sections of a secondary fibre optic network which are yours or purchased from other operators provided they are connected to the FiberCop CRO/CNO cabinets (project-based solution to be agreed with FiberCop and TIM)

Regulatory conditions

The service is for:

- Operators with an individual licence or general authorisation for telecommunications networks and services for public use which existed before the entry into force of Italian Legislative Decree no. 259 of 1 August, 2003, containing the ‘Electronic Communications Code’ (referred to in Article 38 of the Code), as last amended by Italian Legislative Decree no. 70 of 28 May 2012;
- Companies with a general authorisation for electronic communications networks and services pursuant to Art. 25 of Italian Legislative Decree no. 259 of 1 August 2003, as last amended by Italian Legislative Decree no. 70 of 28 May 2012.