



Wholesale Market

Semi-Bitstream NGA

Like Bitstream NGA but with the advantage of
FiberCop co-investment

SEMI-Bitstream NGA

With Semi-Bitstream NGA you can offer Bitstream NGA 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-Bitstream NGA is the ideal solution if:

- you already use Bitstream NGA
- you have participated in the co-investment with FiberCop project
- you want to collect the accesses in the municipalities involved in co-investment on the same Bitstream NGA, CAR and VLAN delivery kits already in your possession

Preliminary services

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

Description of Semi-Bitstream NGA service

With the Semi- Bitstream NGA 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 Bitstream NGA accesses in the same exchange.

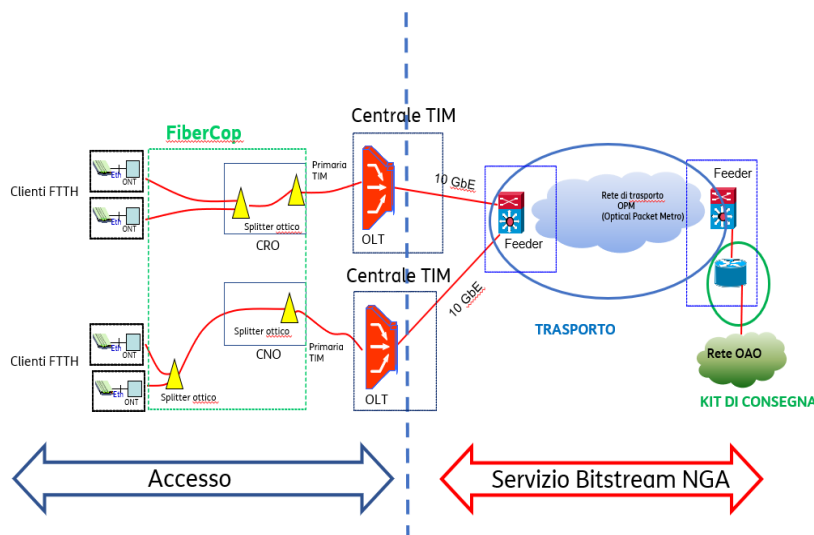
To receive the Semi-Bitstream NGA service, you must therefore:

- activate the Bitstream NGA 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).

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-Bitstream NGA).

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Like the Bitstream NGA service, Semi- Bitstream NGA also has 3 components: **delivery**, **transport** and **access**, but the transport and delivery components are those of the [Bitstream NGA](#) service



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.

Getting started

You must have:

- signed the Bitstream NGA contract: you must do this to request the NGA kits and VLANs in the exchange where your accesses are delivered (if you don't already have them);
- signed the Co-investment with FiberCop contract.

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

SEMI-Bitstream NGA

Costs

For more information, you can contact your Account Manager
If 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-Bitstream NGA 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.



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TIM S.P.A

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