



Wholesale Market

Commercial Housing

The right place for your equipment

 **TIM**

Commercial Housing

Spaces equipped for the installation of the Operator's equipment at TIM exchanges.

Service features

Coverage	Size of spaces Features	SLAS Access to exchanges
Exchanges throughout the country	Standard N3 racks (600x300x2200) (dissipation 1 KW max)	Within 4 working hours of request (SLA Basic)
3000	OR Half Rack (dissipation 0.5 KW max)	OR Within 4 calendar hours of request (SLA Plus)

Who is it for?

The spaces are offered to Operators intending to purchase backhauling or connectivity services (unregulated perimeters) from the TIM Wholesale Market portfolio and need to place their equipment in TIM exchanges.

Preliminary Services

Dark Fibre, Giganet, Fixed Backhauling Over Ethernet, Mobile Backhauling Over Ethernet.

The Operator's subscription to one of the preparatory services entails deploying its equipment in the TIM exchanges, and therefore the subscription to the commercial housing service.

Description of the Commercial Housing service

The Commercial Housing Service consists of TIM's provision to the Operator of technologically equipped spaces at TIM exchanges to install the Operator's N3 racks (ETSI standard).

Here are some details:

- the ETSI (*European Telecommunications Standards Institute*) standard identifies racks with dimensions of 600x300x2200 mm (WxDxH) as 'N3';
- the racks house the Operator's equipment for implementing backhauling or connectivity services (unregulated perimeters) of the TIM Wholesale Market portfolio to which the Operator has subscribed;
- for a standard N3 rack (see figure below) a maximum dissipation of 1 KW and a 48 VDC or -60 VDC power supply (depending on the availability of the control unit) is envisaged;
- A redundant power supply is provided for each device in the rack, obtained using independent, individually protected lines, downstream of the front row rack;
- the spaces offered are identified so that access and manoeuvring spaces within the room are also available, along with spaces necessary for the passage of TIM's staff or other operators (in the case of simultaneous presence);
- the Operator is responsible for installing the equipment.



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The following additional services are also available:

- The air conditioning service;
- Facility management services, including:
- Maintenance (technological systems, elevator systems, fire extinguishers)
- Cleaning (waste disposal and ancillary services)
- Security and safety (access control, guarding, alarm management)

Please note that the Commercial Housing service is provided exclusively to Operators subscribing to TIM Wholesale Market portfolio services which are not subject to regulation (e.g., Dark Fibre, Giganet, Fixed Backhauling over Ethernet, Mobile Backhauling over Ethernet).

Prices

The economic conditions of the service are composed of two elements:

- set up price: relating to the provision of equipped spaces;
- a monthly fee relating to the provision of space, power, air conditioning, facility management services, security services.

Regulatory conditions

The offer is for Operators holding individual licences or general authorisations 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 concerning the 'Electronic Communications Code' (referred to in Art. 38 of the Code), as last amended by Italian Legislative Decree no. 70 of 28 May 2012, and to companies holding a general authorisation for electronic communications networks and services pursuant to Article 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 SPA

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Tax Code/VAT no. and Milan Company Register no.: 00488410010
Entry in the Register of Producers of Electrical and Electronic
Equipment (AEE) IT080200000799
Share Capital €11,677,002,855.10 fully paid-up