



Wholesale Market

IP Look

Fast and direct access to the TIM
Autonomous System



IP Look

Direct interconnection to the TIM customer base with minimum latency, high quality levels, fibre access and speed selectable according to customer needs. The service can be provided at any Customer or Operator site, including those located at MIX or Namex.

Service features

Speed

- Minimum 10 Mbps
- Maximum 10 Gbps

IP addressing modes

- IPv4
- IPv4 + IPv6

Who the service is for

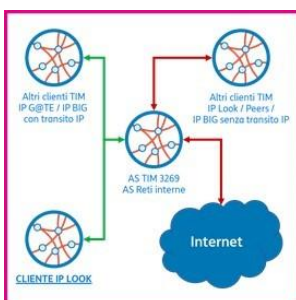
Operators who offer their customers services such as hosting, data centres, XDSL connectivity, cloud and/or host e-commerce sites, home banking, online newspapers, for whom a wide and rapid visibility of TIM's customer base is an enabling factor for business.

Preliminary Services

The **Giganet** service is a prerequisite for speeds above 1 Gbps if the Operator's point of presence to be connected is not located in a TIM exchange or if the access is at one of its end customers' premises. The **Commercial Colocation/Housing** service is a prerequisite if the point of presence of the Operator to be connected is located in a TIM exchange.

DESCRIPTION OF IP Look

IP Look meets the need to minimise latency in data exchange between an Operator/ISP's network and TIM's network by providing direct access.



The Service:

- can be provided at the end-customer or Operator site with fibre access, or at a NAP (MIX, Namex);
- enables an eBGP session to be established between the TIM network and the Operator's network;
- provides visibility of the aggregates of AS3269, of the internal networks (e.g. Data Centres) and finally of the public AS of the Operators interconnected with TIM.



Speed of access to the TIM IP network:

- for decades of Mbps up to 100 Mbps (10, 20, 30,...);
- in steps of 100 Mbps up to a speed of 1 Gbps;
- in steps of 1 Mbps up to a speed of 10 Gbps;

Configuration of IP addresses for non-AS customers

Customer assigned a set of public IP addresses: announcement via TIM's AS;

Customers who are not assigned public IP addresses may request:

- four free IPv4 public IP addresses;
- eight non-contiguous IPv4 public IP addresses with monthly fee;
- additional public IPv4 addresses for a monthly fee subject to a Feasibility Study.

In all cases, both IPv4 and IPv6 are supported in dual-stack mode

The efficient DDoS protection option **CleanPipe** can be activated in two modes: automatic reactive or proactive.

Regulatory Conditions

The services described above are aimed exclusively at:

- Operators with an individual license or a general authorisation for telephone 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 the above-mentioned Italian Legislative Decree no. 259/2003, as last amended by Italian Legislative Decree no. 70 of 28 May 2012 70.

Prices

The activation fee is a function of:

- the transport infrastructure;
- the location of the end customer / customer PoP.

The monthly fee is a function of:

- the type of transport infrastructure;
- the chosen access speed.

Additional monthly fees are payable in the following cases:

- requesting additional IP addresses to the first four free ones;
- activation of the CleanPipe DDoS attack protection service.





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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