Wholesale Market

Line Fast Check

Automatic query of the TIM diagnostic system for malfunctions on access lines

TIM

Line Fast Check

The service managed on an API in M2M mode provides data on the functionality of the lines: Alignment Parameters, Degradation Measurements, Termination Equipment Status and Delivery Kits.

Service features

Service profiles

Maximum number of requests/month

1500 to **100,000**

Who the service is for

Line Fast Check is designed for all Operators with consistent Bitstream, Bitstream NGA, VULA, Easy IP NGA access. With Line Fast Check, operators can improve the effectiveness of their assurance processes
being able to automatically feed systems with diagnostic information; render customer care measures more efficient and prompter, as well as reducing the number of IAVs for TIM (IAV - Interventi A Vuoto, unnecessary interventions).

Preliminary Services

Bitstream, Bitstream NGA, VULA, Easy IP NGA

Line Fast Check service description

This service enables operators to use APIs to query TIM's NGASP system in M2M mode, in order to glean information regarding line failures.
The first APIs made available return the following information:

- **Alignment API** , or alignment parameters

  parameters: up/down attenuation, up/down current speed, up/down maximum speed, alignment mode, retransmission, up/down noise margin, etc.

- **Degradation API**, or degradation measurements

  Observation window start-end date, errored seconds, severely errored seconds, status changes, measurement result, etc.

- **API Resource Status A-point**, or the termination equipment status on the end customer side and the central side

  Node status, XTU-C ATU-C status, XTU-C ATU-C alarm, XTU-R ATU-R status, XTU-R ATU-R alarm, line status

- **API Resource Status Z-point**, or delivery kit status

  Ethernet node operating status, ATM node operating status, NAS PE operating status

Line Fast Check

Sistema di diagnosi NGASP — API — Sistema di diagnosi dell'OAO
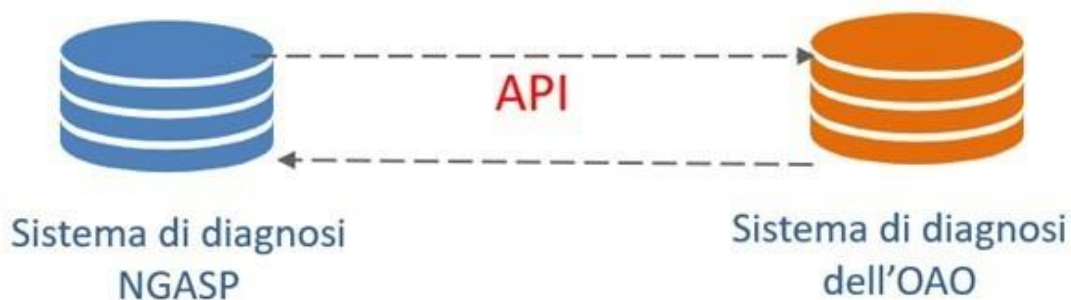
To enable the potential that the service offers to customers in terms of business development to be evaluated, TIM allows a technical trial period of 30 days from the date on which the agreement is concluded; during this period, the customer can test the interoperability between their own diagnostic systems and TIM's diagnostic systems.

At the end of the technical trial, TIM provides a free service based on a maximum number of queries for each API. The maximum number of queries is established on the basis of the following parameters:

- **Operator customer base**, relating to accesses for which NGASP diagnostics are available;
- historical queries regarding **NGASP system usage**;
- **number of TTs open** in relation to the accesses referred to in the previous point.

If the customer requests an additional number of queries, several fee-based profiles are available; these differ in accordance with the maximum number of queries available during the calendar month.

The number of fee-based queries is additional to the number of free queries.

Prices
A monthly charge and a UT configuration charge is applied for each fee-based profile.

Even if not all the queries covered by the monthly ceiling are used, the monthly **charge is applied in full**.

Operators may only subscribe to **a single fee-based profile**, and the number of queries associated with this must not exceed **five times the number of queries** included under the free profile.

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