



LEASED LINES

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SERVICE OVERVIEW

Leased Lines service provides a permanent, transparent, dedicated point-to-point connectivity between two customer's points, using Telekom Romania's transport network.

The Leased Lines service provisioning involves the following components:

- **A Network Termination Unit** and upon request a CPE;
- **The local access line:** a dedicated, permanent point-to-point physical connection, which connects the network termination unit to the Telekom Romania network element. Based on transfer rate and transport technology, the access line uses copper cable or fiber optic, as physical medium;
- **Transport network:** over DWDM, SDH or PDH.

The service assures a point-to-point connectivity with a permanent, dedicated, transparent and bidirectional channel, with a defined interface and bandwidth between the customer's end points.

Depending on the leased line end points location, two types of service instance are available:

- **National Leased Lines** – point-to-point connectivity between two locations, within Romania, on customer site;
- **International Leased Lines** – point-to-point connectivity between two locations, at least one located outside Romania

The service offers speeds between 256 kbps and 10 GB and is the ideal choice for connecting two sites when high service availability is a must.

TECHNICAL ARCHITECTURE



CUSTOMER BENEFITS

- **Reliability:** the service provides a reliable connection, for a fixed monthly fee, throughout the entire contract period
- **Multiple options:** a large variety of services type is available depending on speed, volume and type of data delivered; with a high granularity level for transmission speeds, the service is suitable for all applications types
- **Budget control:** the required budget for the Leased Lines service is easily predictable.
- **High security:** as the service provides a dedicated line, exclusively designed for each customer, the service is the best choice for long-term connections, requiring a fast and efficient communication channel between two fixed locations
- **Permanent accessibility:** the service offers a permanent connection for data delivering at maximum capacity

ABBREVIATIONS

CPE	Customer-Premises Equipment
NTU	Network Termination Unit
DWDM	Dense Wavelength Division Multiplexing
SDH	Synchronous Digital Hierarchy
PDH	Plesiosynchronous digital hierarchy
NNI	Network-to-network interface



CONTACT

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