

# IP Transit

## Permanent Internet connection using optical or wireless technologies

The **IP TRANSIT** service is a complex service that includes installation, access line, customer premise equipment and connection to the Internet. To provide the connection, Dial Telecom uses optical connections, microwave connections (licensed dedicated band and non-licensed bands) or leased telecommunication lines. Dial Telecom employees choose the suitable connection technology for the end point after careful consideration with respect to availability at the location and demanded capacity.

### WHO IS THIS SERVICE DESIGNED FOR?

The IP TRANSIT service is designed for operators, ISPs, providers of metropolitan networks, cable TVs and civic associations ("freenets"), who have high demands for speed and quality connection availability using the latest technology.

### THE SERVICE INCLUDES

- Internet connection with the chosen speed guaranteed at all times (full-duplex, 2Mbps up to n x Gbps)
- installation, including the technical equipment up to the handover interface of the service at the customer
- unlimited data transmission volume
- option of a flat rate for a defined capacity or based on the real consumption measured by the method of 95% percentile (an IP 95 service alternative)
- ability to also provide the service to customers with their own autonomous system using the BGP routing
- assignment and routing of required number of public IP addresses
- 24/7 monitoring

### BENEFITS OF THE SERVICE

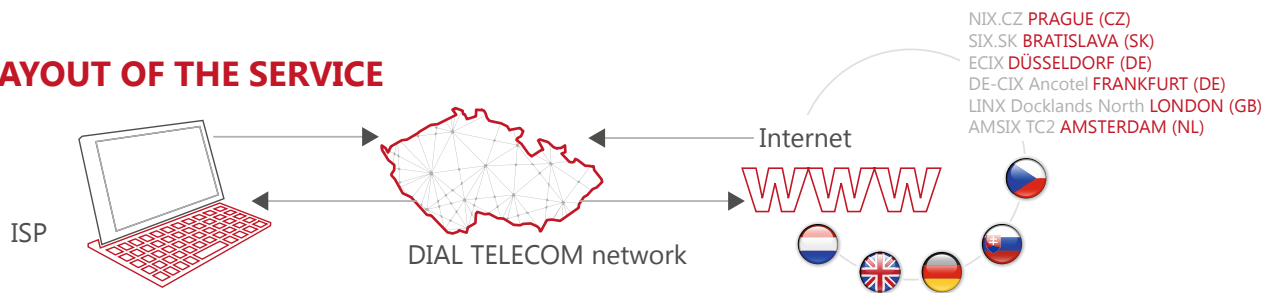
- guaranteed service parameters (speed, service quality)
- fast response times and reliability of the international and Czech Internet
- unlimited data volume
- possibility of SLA – guarantee of quality and service availability

### TECHNICAL SPECIFICATIONS

Dial Telecom is directly connected to the Czech Internet exchange, NIX. It is also a member of the most significant international Internet exchanges, DE-CIX, Kley-ReX, ECIX (Germany), AMS-IX (the Netherlands), LINX (Great Britain), SIX (Slovakia). Dial Telecom is also connected to Tier 1 providers of international connectivity. Internet connection services are provided using the nationwide backbone optical network with a length of over 4.300 km. Most of the backbone network is in locations with a special regime and higher security (along international gas pipelines) and the connection is backed-up within the backbone network. Thanks to these facts, the services provide top quality and availability.

In order to access the international Internet exchanges, Dial Telecom also uses its own optical networks with the minimum of active elements along the whole route. Thanks to this, it can offer uncontested values of delay and jitter on the routes to the most significant world Internet exchanges (Prague – DE-CIX Frankfurt, approx. 9 ms) and even a standard end user can perceive faster response times and feel greater comfort while working on the Internet with the international connectivity of Dial Telecom. The optical network of Dial Telecom or wireless technologies that work in bands of 10.5 GHz, 26 GHz and other licensed bands are used as the access network.

### LAYOUT OF THE SERVICE



 **Dial Telecom**  
Simply Connect.