IP VPN

Virtual private network

The **IP VPN** service allows you and your company a secure connection with remote branches or partners, not only within the Czech Republic, but also abroad. There is no need to build your own separate data infrastructure. In the selected locations, it is enough to create connections to the Internet and it is possible to have all your locations securely connected using **IP VPN** to form a single common network. Interconnection of the branches is provided using a secure encrypted tunnel based on the IPSEC protocol.

WHO IS THIS SERVICE DESIGNED FOR?
The IPSEC VPN service is designed for all medium and large companies who need to effectively and securely connect their branches.

THE SERVICE INCLUDES
- a virtual private network based on the IP protocol
- data transmission encryption via VPN using the IPSEC protocol
- installation, including technical equipment up to the handover interface at the customer
- possibility of securely accessing this network using a temporary IPSEC tunnel from home computers
- 24/7 monitoring

With IPSEC VPN, a secure and flexible company network can be built with connections anywhere in the world.
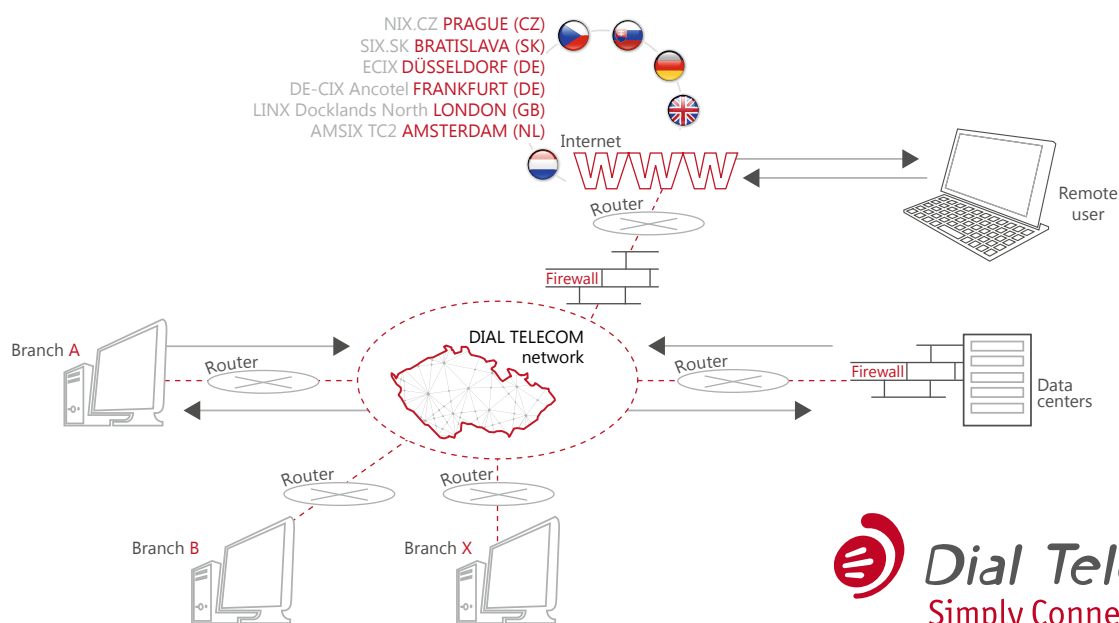
BENEFITS OF THE SERVICE
- cost savings compared to building a dedicated private network using leased lines
- flexibility and scalability – capacities and configurations of locations can be adjusted according to the client's requirements
- full mesh topology with many-to-many communication among branches
- easy network expansion by connecting other branches or another data network from abroad
- possibility of SLA – guarantee of quality and service availability

TECHNICAL SPECIFICATIONS
IPSEC VPN enables using connections to the Internet at multiple branches and also as a full-value secured private network. Communication from branch to branch within this network is based on the IP protocol. The Internet is used for the transfer of data; thus, branches can be connected anywhere in the world. The data is sent over the network using a secure encrypted tunnel, thereby making it impossible for it to be decrypted or altered during transmission.

LAYOUT OF THE SERVICE

NIX.CZ PRAGUE (CZ)
SIX.SK BRATISLAVA (SK)
ECIX DÜSSELDORF (DE)
DE-CIX Ancotel FRANKFURT (DE)
LINX Docklands North LONDON (GB)
AMSIX TC2 AMSTERDAM (NL)

Internet
WWW
Router
Firewall
Remote user
Branch A
Router
DIAL TELECOM network
Router
Firewall
Data centers
Router
Router
Branch B
Branch X

Dial Telecom
Simply Connect.