

# SP Dedicated APN

– simple and secure mobile data access

## Empower mobile employees as if they were at their own desks

SP Dedicated APN provides a private APN to connect and transfer data between mobile devices within a private network, providing a secure link between users and the company network.



# SP Dedicated APN

## What it is

SP Dedicated APN provides a private APN to connect and transfer data between the desired terminals or devices within a private, IP based network.

## How it works

An APN has a unique ID that identifies the traffic. A dedicated APN is assigned to each SIM card, thus completely separating the private APN from other public APNs. This ensures a private network with a high degree of security. The secure link is established via a standard GSM/LTE connection.

The Dedicated APN is a flexible solution allowing the company to choose its own LAN subnet, an APN name and decide how traffic is routed. It requires no new hardware or software except for a router from Telia in the company's local network (MPLS). A secure IP concentrator peer is mandatory for the IPsec solution in order to terminate the tunnel in the home network.

APN via MPLS or IPsec is the most secure mobile connectivity solution available on the market. Authentication is performed on two levels:

1. Access is given only to users of a dedicated APN if provisioned in the Telia billing system, HLR and GGSN.
2. Access to the company's internal LAN depends on the company's own authentication and security levels, e.g. on the RADIUS server or firewall.

IPsec is just as secure as MPLS, and there are no physical limitations on the tunnel bandwidth. Bandwidth, however, is dependent on the public internet capacity between the endpoints.

## What you get

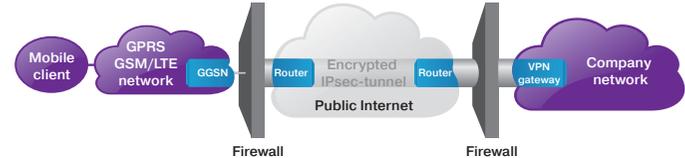
Telia delivers a closed connection from the Telia GGSN/GPRS Core network to the company's firewall or VPN gateway. Users are given dynamic IP addresses. Fixed IP addresses can be supported if there is a DHCP or RADIUS server located in the home network. Telia does not provide RADIUS or DHCP to manage static allocation of IP.

### MPLS solution



Data traffic is terminated directly at a router behind the company firewall, bypassing the public IP network.

### IPsec solution



Data traffic is sent from the Telia core network via the public internet to a VPN gateway behind the company firewall using secure encryption.

### Find out more

Call us today on +45 8233 7000 to find out how to get started with SP Dedicated APN for your customers.

