



## Would you like to be a Telecom Provider? – Telenor Wholesale makes it possible

Telenor is working to ensure that all people have access to modern telecommunication services and are constantly developing new systems and solutions.

With a Telenor Wholesale Service Provider agreement we give you the ability to start and develop your own phone company. You get access to reselling Telenor's mobile products and services in your own brand and at prices which you can decide.

### Your benefits

- You get access to Telenor's upgraded mobile network, which supports the latest technologies.
- You get access to Telenor Wholesale product portfolio, including the ability to compose your own Mobile Broadband Packages.
- You can select a Prepaid or Postpaid solution.
- You'll get professional consultancy throughout the implementation phase and the subsequent operational and development phase.

### How it works

Telenor Wholesale offers both Prepaid and Postpaid Service Provider solutions. With a Prepaid Service Provider solution, Telenor provides the billing of your customers' consumption, based on prices that you have set. In addition, we provide hourly detailed information about your customers' consumption. With these consumption datafiles, you can manage billing and invoicing, if you instead choose a Telenor Postpaid Wholesale Service Provider solution.

### Requirements

As a telecommunications provider with a Telenor Wholesale Service Provider Agreement you shall enter into an agreement with OCH (Operators Clearing House), in order to meet the current regulations on porting of mobile numbers between all Danish telecom providers.

You are responsible for acquiring your mobile number ranges at "IT & Telestyrelsen". Telenor ensures that your number series are implemented, both nationally and internationally.

Contact [wholesale@telenor.dk](mailto:wholesale@telenor.dk)  
if you want to know more about MDA



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It is not necessary for you to have thorough technical knowledge about telecommunication, but it is an advantage if you have your own IT organization with possible knowledge of XML and ASN1.

It is also a big advantage if you already have a customer database and experience in sales and marketing. In addition, well developed systems for managing customers and billing, is essential for your success as a telecommunications provider.

### Technical Specifications

#### Functionalities

- GSM speech
- Mobile Broadband with speeds of up to 21.1 Mbps
- SMS/MMS
- Voice Mail
- Access to content premium rate services

### Administrative systems

Telenor provides all necessary administrative systems to handle activation, import, maintenance and cancellation of mobile numbers. Besides access to the online system via Citrix, it is possible for you to develop your own client towards our Service Provider XML API.

Have you entered into a Telenor Prepaid Wholesale Service Provider Agreement, you are given additional access to our Prepaid XML API. Among other functions this gives you access to refilling your customers' prepaid accounts.

At the conclusion of the contract you will receive detailed documentation about the offered APIs.

### File exchange

As Telenor Wholesale Service Provider you will receive the following files from Telenor:

- TAP files in the 3.11 format with detailed information about your customers' consumption. The files are encoded and binary ASN1 and transferred on an hourly basis using FTP through a VPN connection.
- "Customer Status Files" containing information on current status of each number in your entire customer database. Respectively "Cancelled", "Suspended" or "active". The file contains, in addition to the above, information on which products are subject to the individual mobile numbers. This file is in ASCII format and is transferred once a day using FTP through a VPN connection.

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The Service Provider product

