

TELES.iMNP

- Mobile number portability software add-on for TELES.iGATE and TELES.VoIPGATE
- Local MNP proxy with external database lookup
- Lookup the destination's native network and avoid expensive cross-network calls
- Record import and export functionality

Mobile number portability (MNP) has become a matter of course in many countries. Subscribers can easily change to another mobile operator without having to give up their well-known mobile phone number. The relationship between a ported number's prefix and the carrier that hosts this number is stored in so called MNP databases.

For a mobile gateway to optimize cost savings, it is essential that an MNP database inquiry matches the mobile operator with the destination number before the call is set up. Call initiation can then occur using a SIM from the destination operator's network, resulting in the lowest possible call rate. Otherwise expensive cross-network calls dramatically reduce the mobile gateway's cost-effectiveness.

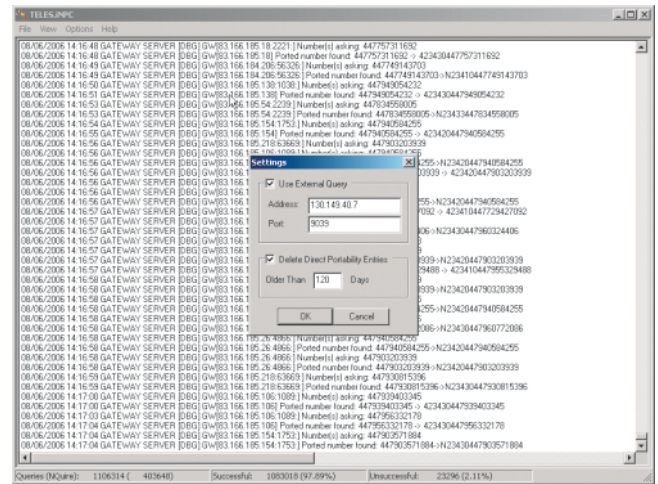
TELES.iMNP is a server application providing a local database for storing MNP data. TELES.iMNP can either resolve queries locally or forward them to external MNP databases if the record does not exist yet or has expired. The entire procedure takes less than one second, ensuring that the call is set up without noticeable delay. Since the updated information is cached in the local database, repeated requests to external servers can be significantly reduced.

One major benefit of TELES.iMNP is that it can import and export data records, so that you can manually load them into the database without accessing external MNP servers. You can use the same procedure to create a backup to secure your databases in case of system malfunction.

You can also use TELES.iMNP for portability information toward fixed networks. Carriers with TELES.iMNP can automatically terminate incoming traffic across the destination's native network or let the gateway's routing mechanisms select the route with the lowest rate.

For convenience, TELES.iMNP hosts two databases. The main database translates a source number to another destination number. The second database is reserved for prefix translation: It translates a company's trunk number and automatically appends the extensions, saving time that would otherwise be spent entering large numbers of PBX extensions.

TELES.iMNP can be installed on a **TELES.NMS** server or a **TELES.vGATE** control unit. Alternatively it's available as a **19" 1U** standalone unit. The client licenses are available as an option for **TELES.iGATE** and **TELES.VoIPGATE**.



Just a few simple settings are enough to get your TELES.iMNP up and running.



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