



Preferred Roaming

Short description

G&D's preferred roaming application allows an operator to automatically define which roaming partners a subscriber will be offered first when abroad. Operators can increase their roaming revenues if their subscribers do not roam on competitors' networks.

Operator benefits

- Basis to enter markets via the preferred roaming list (co-operation with roaming partners)
- Customer loyalty via automatic roaming service
- In case of an operator group, roaming revenue remains within the group
- For customers, no need to manually select partners of their home operators
- Customers could save money through preferred roaming partners

G&D's scope of services

- Preferred roaming application



Detailed description

Normally operators have no real influence on the roaming networks their subscribers use abroad. This can be changed with G&D's preferred roaming application.

This application was designed to increase terminal registration in preferred foreign networks. With the aid of the application, a mobile phone always tries to log onto the operator-defined network(s). Even if none of the preferred networks is available and the subscriber is urged to log onto a different network, as soon as the handset needs to register again (e.g. the network loses coverage or the subscriber switches his mobile off and on), it tries to log onto the preferred networks.

These preferred networks are stored in a list on the SIM. This preferred roaming list can be updated over the air (OTA) via SMS and is not visible to the subscriber.

Security is guaranteed due to the OTA key and message encryption. OTA messages are authenticated by the SIM prior to processing the content.