Number Information Services
Your trusted partner for providing telephone number intelligence

High-quality, highly accurate telecoms data that maximises the value of every minute or message on your network and helps protect you and your customers from fraud.

Below is a description of each of the data services available from XConnect:

Global Number Range (GNR)

- Returns information about the number range owner.
- Covers all countries and number types.
- Will return if a number belongs to a valid number range, if it is the correct format (correct length, country code, etc.), and if the range it belongs to is allocated to a service provider.

Number Portability Query (NPQ)

- Returns if a number is valid, information about the number owner, number type, and if the number is currently ported.
- Provides global coverage and is made up from on-board data (sourced from central databases), and 'remote data' on the country.

GNR query responses

TN: telephone number

NT: number type

CC: iso country

CIC: carrier identification code

CN: carrier name

MCC: mobile country code

MNC: mobile network code

RN: routing number

NPQ query responses

In addition to the GNR responses, NPQ responses also include:

- NPDI: number portability dip indicator
- NPI: number ported indicator

HLR Lookup

- Returns information about the number owner based on live home location register (HLR) queries to the relevant MNO network.

- Provides information on whether a mobile number (ported or not) is currently allocated to a subscriber.

- It only applies to mobile numbers and coverage is dependent on Mobile Number Operator (contact us for an up-to-date coverage list).

Port History

- Knowing how many times a number has been ported in a given period and when the last port occurred helps to qualify other 'Know Your Customer' data linked to a mobile phone as well as prevent false positive SIMswap alerts.

Fraud Intelligence

- Query based solution providing actionable fraud numbering intelligence.

- Activate hot list of fraudulent numbers fed from industry sources in near real-time.

- Identify unallocated and other high risk numbers that will likely generate fraud.

FleXQ

- FleXQ enables customers to manipulate number information to their own unique needs and activate any XConnect data through a customer defined query interface.

- Relying on programmable logic to combine and customise any of the Global Number Range, NPQ, HLR Lookup and Port History services.

- Customers requests include: custom responses combining multiple services, non-standard carrier codes and response over-rides with their preferred responses.

Get Started Now

XConnect organises global portability, number plan and subscriber information to enable Operators to optimise routing, reduce fraud and enable rich services

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XConnect

A Somos Company

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