Number Intelligence for Voice
Solutions Overview

Increase precision, performance and trust in your voice traffic with greater visibility and control

XConnect's global numbering intelligence enables you to protect, optimise and grow your voice business by making your services more competitive. We enhance and empower your fraud management systems, routing platforms and rating and billing solutions with new granular data sets. Our global numbering intelligence support CLI validation, B-number analysis and Number Portability, giving you greater visibility and control over your voice traffic.

We are experts in numbering data, and our data can be used in any application that needs clear and accurate information about the ownership, characteristics and validity of phone numbers. When you choose XConnect, you can build trust with your customers and partners by increasing the accuracy, precision and performance of your data and operations.

+20,000 Operators Included

+250 Country Codes Covered

Ultra-Low Latency Query Services

<10ms Database Response Time

Fraud Management
Enhance your capabilities in the fight against voice fraud, such as IRSF, through identifying high-risk and unallocated number ranges. Activate third-party data or proprietary hot-lists to block fraudulent calls before they cause losses or impact customer satisfaction.

OBR Mitigation
Use global number intelligence to reduce disputes and Stop future losses from Origin Based Rating. Save hundreds of thousands of dollars in surcharges and maximise your margins by identifying invalid A-numbers and correcting costs and rating for number portability.

Routing Optimisation
Increase routing efficiency, reduce billing complexity, and increase margins by attracting new service traffic. Seamlessly integrate global numbering intelligence across switching infrastructure as well as OSS and BSS technology.

Enable Advanced Services
Route advanced services like HD Voice, RCS, and IoT to competitive networks, even if a number is ported. Global numbering intelligence enables the direct routing of these services, taking into account number portability to avoid loss of service features, maintain quality and avoid delays.

Benefits

Cost-Savings
Stop unnecessary losses from voice fraud and OBR surcharges while optimising routing to increase long-term profitability.

Predictable Margins
Avoid carrying risky traffic to benefit from predictable margins while reducing disputes and losses months after the traffic was carried.

Greater Control
Price your services accurately, be a trusted and reliable partner and deliver an optimised experience for customers.

Expert Support
Benefit from advice, consultation, implementation and support from telecoms experts that are committed to solving your challenges with new intelligence.

New Visibility
Gain new visibility into the traffic you carry and use it to increase profitability and gain market share.

Rapid Deployment
Choice of simple deployment models that allow number intelligence to enable new efficiencies, optimal operations and growth acceleration.

Why Choose XConnect?

- We have the largest and most trusted data sets in international telecoms and continually refine and update them to ensure currency and accuracy

- We're experts in telecoms data and data management and make it simple to expand and apply new data sets in your operations

- We have more than 15 years of experience in successfully using data to solve a range of carrier and operator challenges

- We are solely focused on making it simple to use telecoms data in your operations with an agile, collaborative and consultative approach

Getting Started

Speak to one of our data experts and they can help you understand the opportunities to increase margins, profitability and performance.

Choose how to deploy global numbering intelligence:

1. **Evaluation and Business Case** – Traffic can be analysed to identify where XConnect's data services can add value and help protect margin.

2. **Data Downloads** – Global number range databases can be downloaded locally and shared across multiple internal systems

3. **Query Services** – Real-time, ultra-low latency number lookup queries supporting SIP, enum, and HTTP protocols allow programmatic integration across OSS/BSS and Routing

4. **SIP-based Filtering Service** – Host exceptions to your standard call routing logic externally. The service brings together number intelligence and customer business rules returning SIP response codes to facilitate traffic blocking or overflow to your standard routing.