



# proactive fraud prevention

## a new approach to fighting interconnection fraud

Interconnect-related fraud such as International Revenue Share Fraud (IRSF) and PBX hacking fraud continue to be a billion dollar problem to the telecom industry.

iconectiv is addressing these challenges with its MobileID solution, which allows operators to block fraudulent calls to high-risk numbers with detailed global number range data.

The MobileID solution is a valuable complement to traditional fraud management systems and is part of iconectiv's Fraud and Identity Solution.

## stop the fraud before it happens

iconectiv's MobileID solution is the industry's most authoritative and complete source of worldwide number range data. It enables operators and enterprises to prevent IRSF and PBX hacking fraud by:

- Proactively identifying and blocking fraudulent calls to high-risk numbers, including premium rate service and unallocated number ranges
- Obtaining early warnings for their fraud prevention teams on impending attacks
- Stopping future fraud rather than relying on blacklists associated with past fraud events

## authoritative number information you can count on

iconectiv's MobileID solution delivers detailed and continuously updated information on global number ranges and ported numbers on a country-by-country basis including:

- More than 1.6 million mobile, geographic, non-geographic, VoIP and special service number ranges in over 245 countries and territories
- Premium rate service and unallocated number ranges commonly used in IRSF and PBX hacking fraud
- Optional database of International Premium Rate Numbers (IPRNs), which are high-risk numbers often offered on Internet sites and widely used to perpetrate IRSF



## protect your profits

Use iconectiv's industry-leading MobileID solution to proactively block fraudulent calls before they even take place by checking each dialed number against the iconectiv database of high-risk numbers in real-time, including those dialed by roaming subscribers.

The advantage of this approach is that you can be one step ahead of the fraudsters instead of being one step behind them, which tends to be the case when using blacklists of numbers associated with past fraud incidents.

You can also use MobileID for optimal routing and rating of voice and SMS traffic to destinations worldwide, including to subscribers with ported numbers.

## simplify your operations

iconectiv obtains the number data directly from the authorized number administrators, converts it into a uniform and standardized format and then keeps it up to date. So that you can easily integrate the data with your existing platforms.

In case there is a discrepancy regarding a particular number range, iconectiv will investigate the matter directly with the number administrator of that country without any extra charge.

iconectiv offers flexible delivery options for MobileID data including:

- Secure File Transfer Protocol (SFTP) downloads
- ENUM query service
- SOAP/XML for near real-time incremental downloads

## mobileID at a glance

- Stop fraudulent calls to high-risk number ranges
- Obtain early warnings on impending fraud attacks
- Prevent revenue leakage, routing errors and interconnection charges with optimal, least-cost routing

## let's talk about your fraud prevention needs

Please contact us to discuss how we can help you overcome your fraud challenges and improve your bottom line.

### about iconectiv

As the authoritative partner of the communications industry for more than 30 years, iconectiv's market-leading solutions enable the interconnection of networks, devices, and applications for more than two billion people every day. Working closely with private, government and non-governmental organizations, iconectiv continues to protect and secure telecommunication infrastructures for service providers, governments and enterprises, while providing network and operations management, numbering, registry, messaging and fraud and identity solutions to more than 1,200 organizations globally. A US-based company, Telcordia Technologies, does business as iconectiv.

### make the connection.

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