

# SIGNALING INTELLIGENCE REPORTS

Be One Step Ahead in Maximizing Profits  
from International Traffic



Unauthorized usage of network resources such as SMS faking and spoofing results in unwanted operational costs and reduced margins for most operators.

## WHAT OPERATORS ARE FACING

With limited resources available for leveraging their signaling data to produce traffic analytics, operators face issues including:

- Higher customer support costs and possible churn due to incorrect billing
- Loss of SMS revenue due to serious imbalance in origination and termination traffic in the sponsored routes
- No supporting data for disputes on fraud such as SMS faking and SMS spoofing
- Damaged brand and reputation due to spamming of subscribers
- Revenue leakage due to sponsored roaming routes being abused for terminating A2P traffic

## ERADICATE RISKS

iBASIS Signaling Intelligence Reports (SIR) helps operators with detailed analytics of the inbound and outbound international and roaming traffic. Operators can use these analytic reports to make decisions about saving cost due to fraudulent activities and even capture SMS fraud scenarios that are not always reported and blocked by a SMS firewall.

## SERVICE SNAPSHOT

Our suite of signaling analytics reports offer near-to-real-time traffic monitoring statistics and detailed SS7 information that indicate possible fraud attacks in the network, imbalance in traffic with roaming partners, and actual traffic sent and received. Some of the functionalities offered include:

- Detailed and intuitive overview of inbound and outbound SMS traffic

## KEY BENEFITS

Alarming capabilities draw immediate attention to undesirable roaming traffic

Indicates any imbalances in SMS traffic with roaming partners to ensure roaming commitments

Helps avoid unwanted traffic and provide quality roaming service

Support for disputes and indicates fraudulent attack on your network

Indicates when the mutual forgiveness routes are exploited by A2P messages

Serves as indicators of need for SMS Firewall

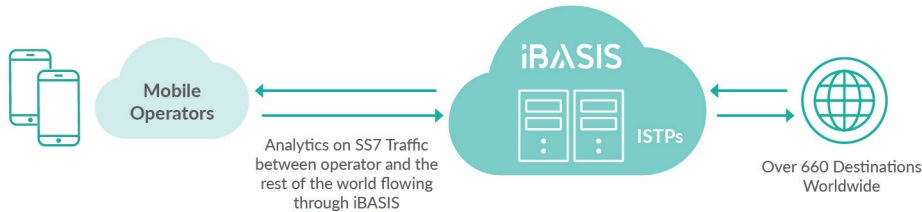
## BE THERE FIRST

Looking for a customized solution?

Talk to one of our specialists  
at [solutions@iBASIS.net](mailto:solutions@iBASIS.net).

- SMS faking fraud indicators
- Overview of location updates and indications of traffic deviation

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## ABOUT iBASIS GLOBAL MOBILE SIGNALING

Covering more than 660 destinations worldwide, the iBASIS Global Mobile Signaling (GMS) service is a complete signaling package that offers 99.999% availability and worldwide reach. When you let iBASIS take care of your signaling needs, you can rest assured that your customers are served with best-in-class connectivity all around the world. The service offers various connectivity options including IPX, SIGTRAN EVPN or TDM along with origin and destination-based routing capabilities for both SCCP and MTP traffic. iBASIS provides international network management with 24/7 network monitoring, and 24/7 support from our global operations center. iBASIS presents a holistic approach for signaling that delivers maximum value for international roaming and SMS. The iBASIS Signaling Suite below represents the services along with the LTE Signaling eXchange (LSX) that offer seamless evolution from SS7 signaling for 2G/3G networks to Diameter signaling for 4G networks.

## THE iBASIS SMS FIREWALL

A complete security solution, offered as a value-added service

Protects against SMS faking, spoofing, spamming, and flooding

Helps close down sponsor AA19 routes to avoid revenue leakage on A2P termination

Configured on iSTPs and includes complete operational maintenance and service support

Operators can self-manage the rule configuration or iBASIS can manage these on their behalf

## ABOUT iBASIS

iBASIS is the leading communications solutions provider enabling operators and digital players worldwide to perform and transform. Powered by Tofane Global, iBASIS represents an estimated USD 1+ billion in annual revenue, is the third largest wholesale voice operator, ranks as the Top 3 LTE IPX vendor with 700+ LTE destinations and serves 1,000+ customers across 18 offices worldwide. iBASIS optimizes access, connectivity, and value-added solutions, so customers achieve high return on voice, mobile data, and IoT requirements to be first in their respective markets and in the digital era.

## CORPORATE HEADQUARTERS

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