iBasis
kpn

FRAUDALERT ™

ibasis.com

Ensure Your Business and Customers are Protected

WHY DOES YOUR BUSINESS NEED PROTECTION?

International revenue share fraud (IRSF) is one of the biggest crimes occurring in international telecom. IRSF has many flavors of fraud including but not limited to subscription and Wangiri fraud as well as roaming fraud and PBX hacking. All result in the same outcome retailers lose money, customers are inconvenienced, and fraudsters make money.

The international nature of IRSF makes prosecuting fraudsters across borders burdensome, cost-prohibitive and complex for law enforcement. Therefore, as an international voice carrier you need to protect yourself. Simply closing off high risk destinations is unrealistic for retail carriers operating in highly competitive markets and/or subject to regulatory access rules. Managing the expectations of the consumer, regulator and trying to operate profitably becomes costly.

WHY CHOOSE IBASIS FRAUDALERT?

iBasis developed FraudAlert to combat IRSF and Wangiri scams. FraudAlert is complementary to your existing fraud prevention ecosystem by creating a final layer of protection and security. iBasis' application not only prevents fraud but it allows customers to profitably monetize previously high-risk destinations that were continually exposed to fraud. Our experience has taught us to that any application built for the telecom must allow customers to customize the tool to fit their specific business needs. FraudAlert gives your fraud prevention team the power to customize thresholds and decide what actions to take. All of this is supported by reporting so you can see what has been done on your behalf.

HOW DOES IT WORK?

At the core of FraudAlert sits a sophisticated proprietary algorithm that analyses customer voice traffic sent to iBasis' network 24×7, keeping your customer data private and secure. As calls connect to iBasis network, FraudAlert is fed with **real-time streams of call data** for analysis and detection. Fraudulent activity once detected, triggers alert notifications that are sent to customers via SMS and/or email. The tool has the capability to automatically: (1) **disconnect live fraudulent calls**, (2) **block number ranges** to prevent future attempts; (3) **block specific numbers**. Actions are customizable and reportable through iBasis' portal.

FRAUDALERT IN ACTION:
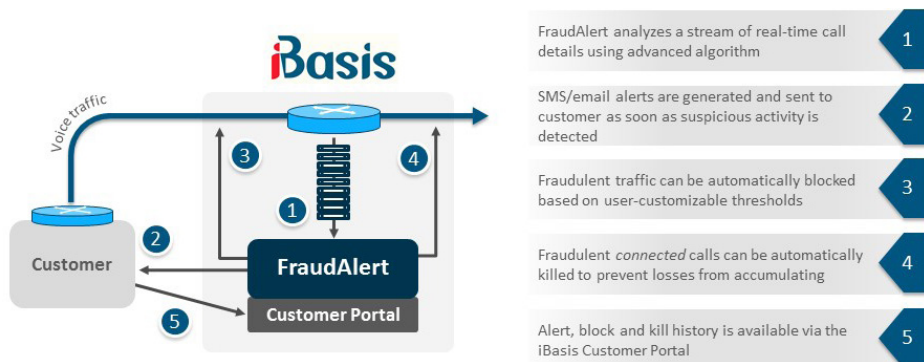
ALERTING AND CONTROL

- Immediate alerts via SMS/email
- User-friendly interface to help gain detailed insight
- Customizable thresholds

AUTOMATION 24 X 7

- Analyze real-time streams of call details
- Automatic blocking of fraud attacks
- Automated disconnection of live fraudulent calls

ECOSYSTEM

- Non-invasive
- Another layer of defense to your existing fraud management
- No installation necessary

1. FraudAlert analyzes a stream of real-time call details using advanced algorithm

2. SMS/email alerts are generated and sent to customer as soon as suspicious activity is detected

3. Fraudulent traffic can be automatically blocked based on user-customizable thresholds

4. Fraudulent *connected* calls can be automatically killed to prevent losses from accumulating

5. Alert, block and kill history is available via the iBasis Customer Portal

FRAUDALERT™ *plus* iconectiv

WHAT DOES ICONECTIV OFFER IN ADDITION TO FRAUDALERT?

iBasis is working with iconectiv and incorporating their numbering data into a customer's call flow on the iBasis network. Customer's no longer have to create an internal project with capex and resources to integrate the iconectiv numbering data into the network. iBasis' collaboration with iconectiv can have a customer up and running quickly and seamlessly.

Customer's purchase iconectiv's MobileID solution which includes International Premium Rate Numbers (IPRN), and Global Rangeholder. iBasis includes those databases into the network and specific customer's call flow enabling each call to be dipped against the database, and action taken. This creates a proactive approach to preventing a call from being connected, while FraudAlert provides prevention for calls that are still fraudulent but not part of the numbering data.
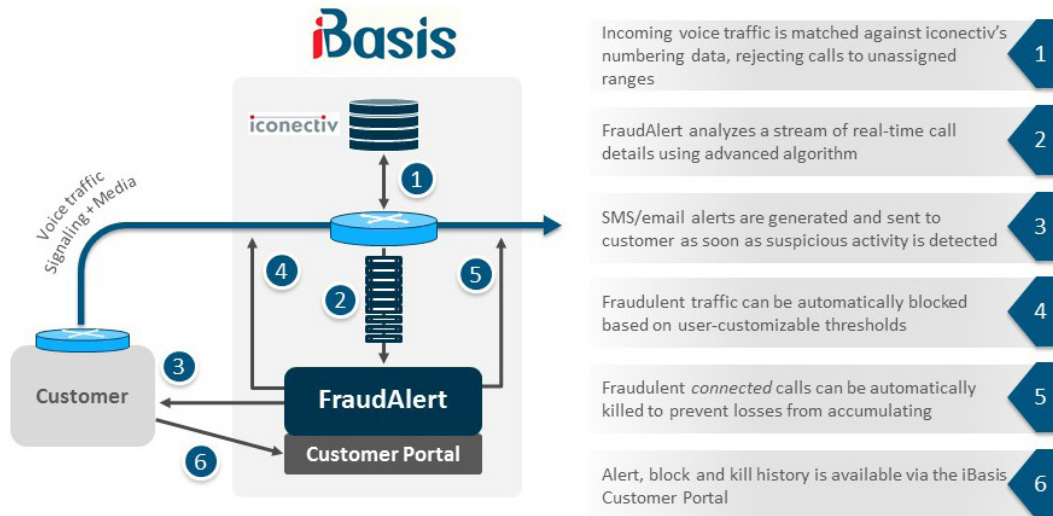
GLOBAL RANGEHOLDER

- Millions of allocated and unallocated number ranges
- Thousands of operators covered
- Hundreds of countries and territories covered
- Frequent monthly updates with over 20 thousand changes on average

IPRN DATA

- Thousands of IPRN ranges
- Hundreds of IPRN seller websites covered
- Frequent monthly updates

FRAUDALERT IN ACTION:

1. Incoming voice traffic is matched against iconectiv's numbering data, rejecting calls to unassigned ranges
2. FraudAlert analyzes a stream of real-time call details using advanced algorithm
3. SMS/email alerts are generated and sent to customer as soon as suspicious activity is detected
4. Fraudulent traffic can be automatically blocked based on user-customizable thresholds
5. Fraudulent *connected* calls can be automatically killed to prevent losses from accumulating
6. Alert, block and kill history is available via the iBasis Customer Portal

COLLABORATION: IT'S IN OUR NATURE

About iBasis

A wholly-owned KPN company, iBasis is a leading international voice carrier and a provider of data services for mobile operators. The company offers a comprehensive portfolio of voice termination services and data services, including messaging, signaling and roaming, for many of the world's largest fixed and mobile operators, as well as "over-the-top" and voice-over-broadband service providers.

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