iBASIS

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iBASIS FRAUDLOCK iQ360™

iBASIS FRAUDLOCK iQ360™ OUTBOUND

With FraudLock iQ360™ Outbound, iBASIS is responding to rapidly increasing fraud impact in the global communications market. The solution leverages iBASIS dual expertise in carrier-to-carrier business management — recognized globally for high quality, efficiency, and reliability — and state-of-the-art anti-fraud intelligence and capabilities led by senior data scientists.

iBASIS enables customers to build high-performance strategies and policies to prevent, identify, and block a large variety of fraud patterns. Our team of experts also provides support to ensure compliance with current regulations.

iBASIS assigns high priority to network performance and quality, identifying and addressing potential issues as quickly and efficiently as possible. We deliver a Standard and Premium SLA with strong commitments for systems availability and performance.

Our online experts are our customers' first line of support, working and coordinating with the NOC and Account Managers to ensure seamless service delivery.

FRAUDLOCK iQ360™

iBASIS FraudLock iQ360 is the first anti-fraud system to offer a guaranteed SLA protection option powered by next-generation intelligence for fraud detection, deterrence, and enhanced ROI. It leverages 360 degree views to fully protect a customer's inbound and outbound traffic.

BE THERE FIRST

Looking for a customized solution? Talk to one of our specialists at info@iBASIS.net.

iBASIS.COM

WHAT DOES FRAUDLOCK OUTBOUND OFFER?

- Anti-fraud technology, expertise, and support provided to protect the traffic you send via iBASIS and terminated on other networks;

- 24/7 SLA-based traffic monitoring to detect, block, or discontinue all types of fraudulent traffic related with risky and costly destinations;

- Capex-free and hosted systems on the cloud;

- Highly configurable with our DIY (Do It Yourself) feature to optimize from our Catalog of rules and allow creation of YOUR control rules and algorithms matrix (cost, calls, minutes thresholds with very high level of granularity by type of traffic and preferred route);

- Tailored alarms, reports and dashboards as per agreed configuration;

- Combined with Invalid Number Management through our NDBI (Numbering Database Intelligence) the solution is real-time based on call connects, processing partial CDR's; and

- Online access to iBASIS experts' unparalleled skills and experience, covering all geographies.

KEY FEATURES

NUMBERING DATABASE INTELLIGENCE

Global dial codes and number ranges, information for all countries, as well as unallocated number ranges. Comprehensive information for each number range, block includes TOS (Type of Service), operator who owned the range, and valid digits length.

IPRN (INTERNATIONAL PREMIUM RATE NUMBER) DATA: International number ranges associated with premium rate services which have been flagged for fraudulent billing of the originating service provider.

MSRN (MOBILE STATION ROAMING NUMBER) DATA: Number ranges used by operators to route calls to subscribers roaming on their network.

FRAUD MANAGEMENT SYSTEM / VOICE FIREWALL, POLICY-BASED ANTI-FRAUD SERVICES

- Detect A and B #s

- Detect generated traffic

- Bypass, IRSF, Spam, Spoofed CLI, Wangiri

- Use strong algorithms (either CDR or SIP Signaling)

- Incorporate AI and Machine Learning

CALL TRACKING SYSTEM PERFORMING ROUTE CLEANLINESS AUDITING

- More than 600 networks covered

- All destinations From/To

- Optimized call campaigns

- Bypass, Spoofed CLI

COLLABORATIVE INTEGRATED ARCHITECTURE TO OPTIMIZE FLEXIBILITY

- Highly configurable

- Cloud or on premises

- Optimization CTS/FMS - VFS

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OUTBOUND SERVICES AND SOLUTIONS:
APPLICATION AND ARCHITECTURE OVERVIEW

FMS / VFS
FRAUD MANAGEMENT SYSTEM
VOICE FIREWALL SYSTEM

NDBI
NUMBERING DATABASE INTELLIGENCE
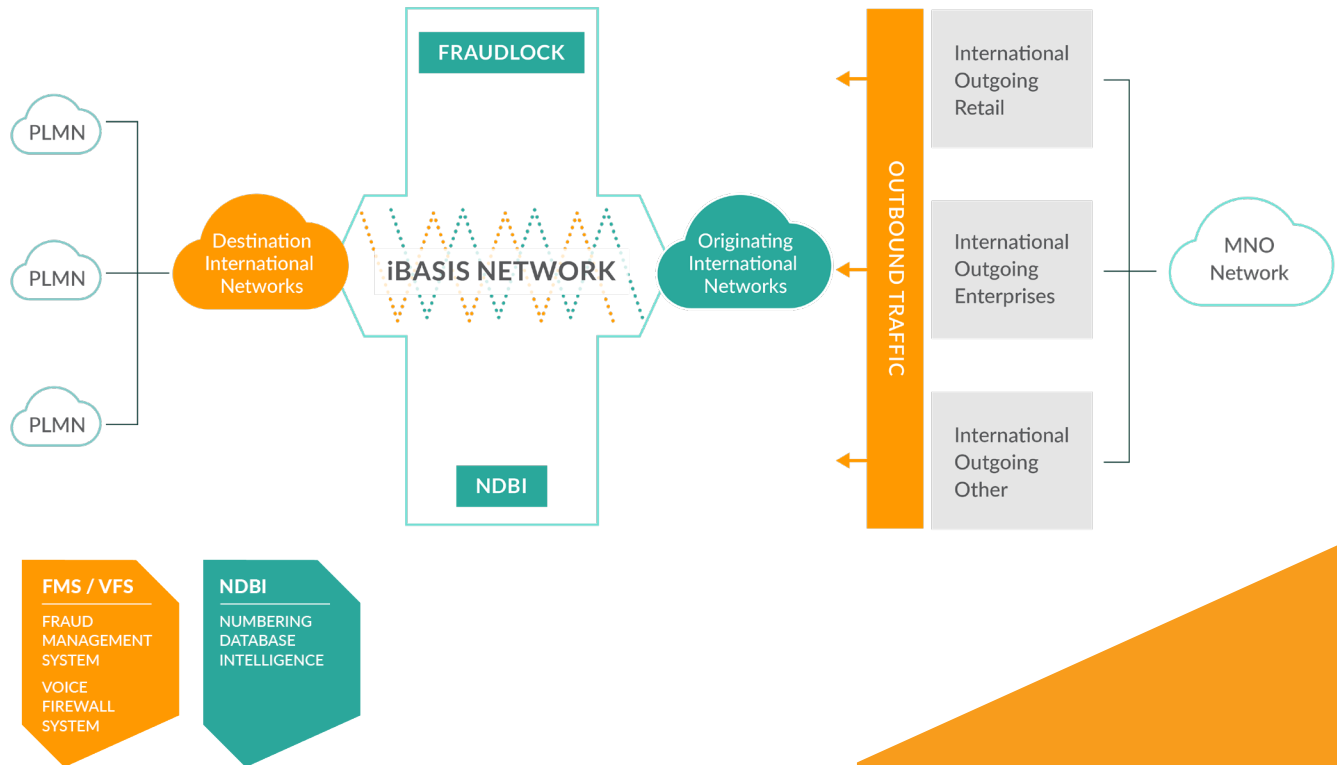
HOW IT WORKS

iBASIS high-performance fraud management and voice firewall systems with portal access offer comprehensive levels of configurability and granularity.

They enable customers to react in real time to network events, leveraging embedded algorithms built to process detailed usage records.

With a grey route trace and audit capability, iBASIS systems provide coverage to most countries and networks.

ABOUT iBASIS

iBASIS is the leading communications solutions provider enabling operators and digital players worldwide to perform and transform. Powered by Tofane Global, iBASIS is the first independent communications specialist, ranking third largest global wholesale voice operator, Top 3 LTE IPX vendor with 700+ LTE destinations, and a leading Carrier Cloud Communications player. iBASIS today serves 1,000+ customers across 18 offices worldwide.

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