

## SIM Box bypass detection

An estimated \$3 billion is lost annually to Interconnect bypass fraud, which is a growing problem for operators and one of the most severe threats to revenue and quality of service worldwide.

Revector's flagship SIM Box detection service allows mobile operators to suspend illegal SIM cards from networks within minutes.

Our advanced and fully managed call generation technique, detects SIM cards used in GSM Gateways (SIM Boxes) to illegally terminate calls. We deliver accurate results within minutes and provide an automated system to remove SIM cards from operator networks immediately; ensuring revenue loss is kept to an absolute minimum.

Revector's call generation based SIM Box detection product delivers

- **Fast:** Detects and reports illegal SIMs within minutes for automatic suspension
- **Effective:** Employs a diverse and unique portfolio of routes, focusing on routes susceptible to fraud, whilst anti-detection algorithms prevent compromise
- **Non-intrusive:** Uses highly secure detection equipment that does not interfere with the client's internal systems
- **Cost-effective:** Campaigns tailored to specific operator requirements and time-scales for maximum returns
- **Easy to deploy and measure:** Revector Analytics online management intuitive and interactive user interface including group level view for multiple operators



Winners of two Queen's Awards for Enterprise 2012

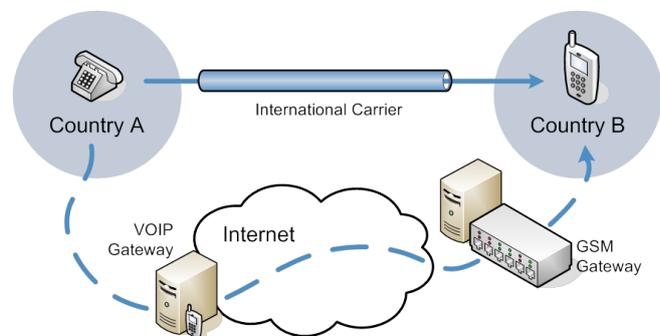
## What is Interconnect Bypass Fraud?

Phone calls are sent across the Internet and terminated on a mobile network as a local call by through a GSM Gateway (SIM Box). This bypasses operator's interconnection point, which denies them the full international revenues, resulting in a significant losses. Revector regularly sees examples around the world where 50% of all calls terminated came through an illegal bypass process, while some countries experience up to 90%.

## The Revector Solution

Revector is the global leader in telecommunications anti-fraud and revenue assurance services. Over the last five years, our award winning SIM Box detection service has been implemented successfully in more than 100 countries worldwide, enabling our clients to recover millions in lost revenue. Revector's ultimate goal is for operators to be able to deliver high quality and fraud free telephony to its customers.

With our worldwide operational reach, Revector has the expertise necessary to deliver the best practical responses to an operator's day-to-day fraud and security challenges.



## Book your Live Demonstration

Revector offers a live demonstration to all operators, showing the detection of bypass fraud in real-time. We also provide details of the business dynamics and losses caused by such illicit activities. If you would like to schedule a live demonstration with our team, please contact: [partner@revector.com](mailto:partner@revector.com).

## What our Clients Say

*"In addition to the excellent customer service we received from the Revector team, their award winning SIM Box Detection enables our network to eliminate the illegal use of GSM gateways and significantly combat fraud."* Fraud Manager, Afghanistan



Associate  
Member

Contact [partner@revector.com](mailto:partner@revector.com) or visit our website:

[www.revector.com](http://www.revector.com)