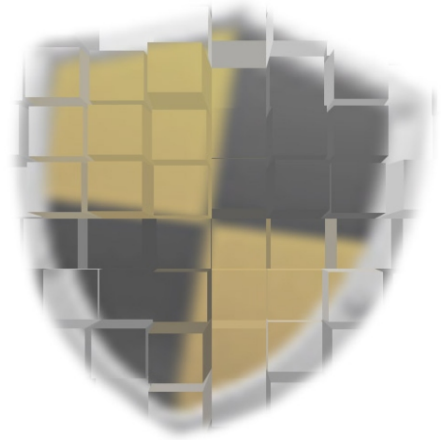# Programmable*EIR*

*The **LeibICT Programmable EIR**, based on Sigtran stack, is able to setup triggers to multiple applications per event to notify status changes and alarms, acting as a medullar entity in the GSM network to minimize the risk of fraud.*

How it works

The EIR node acts as a medullar entity in the GSM network, aiding in fraud prevention.

HTTP and WebServices APIs enable external applications to affect the EIR operation, resulting in a truly programmable EIR.

Inside the EIR, it resides a fully redundant database in which the status of each mobile stations is reflected (white, gray or black list).

Flexibility and scalability are the keys for this node, achieving an unprecedented performance.

Configurable CDRs, statistics and reports finish a strong solution.

Benefits

- Reduces operational costs
- IMEI-IMSI listings
- Open CDRs
- Reduces complexity of the network
- Multiple applications
- Reliability/Redundancy
- Scalable architecture
- Fast and easy deployment and maintenance

Features

- UMTS/GSM Network Support
- High Performance
- Sigtran Support
- O&M Ajax Web Interface
- SNMP v1 and v2 Traps
- Redundancy
- Linux Support