

Advance **GSM** Active Solution

IBIS - II In Between Interception System 2nd Generation

The IBIS-II is the most advanced and newest GSM interception system in the market. The system was designed and developed according to the vast experience gathered in the last 10 years, while deploying worldwide hundreds of GSM interception systems, listening to customer's feedback and analyzing customer's operational requirements. The IBIS-II is an advanced integrated active solution that includes all relevant sub systems in a single unit, allows the user to scan, analyze, intercept, monitor, record and track GSM mobiles, regardless if they are encrypted by A5.1 or A5.2 encryption (monitoring is not done by forcing the mobile to use A5.0 or A5.2 but rather by an integrated deciphering capability).

The IBIS-II is a stand-alone solution for off the air interrogation / interception / monitoring / deception of tactical GSM communication, in a seamless way, without any cooperation with the network provider.

The IBIS-II is restricted for Law Enforcement Agencies and Authorized Governmental Agencies and it offers them a powerful tool to intercept and track GSM communication of all types.



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The IBIS-II extracts easily and in short time the mobiles ID's such as IMEI, IMSI & TMSI and allows the user in no time to identify his target mobiles and to monitor them. The IBIS-II offers a complete set of capabilities and advance features to allow the user to control the GSM environment and GSM communication. The user can control the level of service to the target mobiles, selectively Jam specific mobiles, perform silent calls, call or SMS on behalf of target mobile, change SMS messages "on the fly", detect change of SIM card or change of handset, and support Direction Finding system and many additional operational features.

The IBIS-II main capabilities:

- **All GSM in One Single Unit** – the IBIS-II includes all required modules for dual band simultaneous interception in A5.2 and A5.1 environment. No need for any additional hardware.
- **Instant Set Up Time** – without need for external modules, setup is within few minutes only.
- **Dual Band Solution** – any of the required frequencies 850, 900, 1800, 1900MHz.
- **Real Time Interception** – for voice and SMS, Incoming and Outgoing, in A5.1 and A5.2 networks.
- **Semi Passive** - Invisible & undetectable operation, no need for cooperation with network providers.
- **Data Extracting** – system detects mobile identities including IMSI, IMEI, TMSI, MSISDN (phone number), Kc etc.
- **Presence verification** – user can detect presence of specific target mobile.
- **Concurrent Calls** – system Intercepts up to 6 concurrent duplex calls by default.
- **Selective jamming of communication** – user can block communication of GSM phones defined as targets or specific network service (voice, SMS).
- **Direction Finding Support** – by using silent call, target mobile is activated and can be traced by external DF / Homing system.
- **Manipulation** – user can make fake calls and send fake SMS to / from target.
- **Remote Control** – IBIS-II can be operated locally by the system laptop, by LAN connection and remote laptop or via WiFi, by a remote laptop.

System can operate with variety of power sources such as AC supply, batteries, car supply etc and by that, it can be installed and operated in many types of applications and environments (fixed installation, remote control configuration, transportable, vehicular, man pack).