

# MULTI-BAND IMSI CATCHER

UHF Multi Protocol Solutions  
**NETWORK SCANNER**



## COMPANY PROFILE

**Thinksoft** is a Belgium-based provider of advanced security, intelligence, and wireless surveillance solutions serving government, military, law-enforcement, critical infrastructure, and private-sector clients worldwide.

The company specializes in cutting-edge IMSI Catcher, multi-band network scanning, spectrum monitoring, and 5G intelligence technologies that deliver real-time situational awareness for faster, more accurate operational decisions.

**Thinksoft's** platforms support 2G, 3G, 4G, LTE (FDD/TDD), and 5G (NSA & SA, Sub-6), allowing authorities to detect, analyze, and locate both legitimate and rogue cellular networks. Its systems provide passive tower location, spectrum interference monitoring, rogue base-station detection, GPS-tagged data logging, and advanced target analysis through a secure PostgreSQL-based intelligence platform.

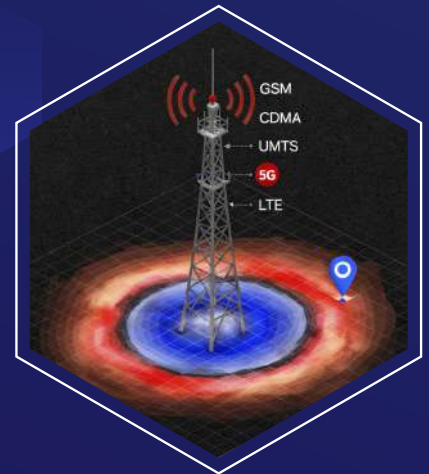
With strong expertise in signal intelligence, location tracking for Cell towers and Mobile phones. **Thinksoft** enables organizations to protect national infrastructure, combat wireless threats, and enhance public safety using reliable, field-proven technologies.



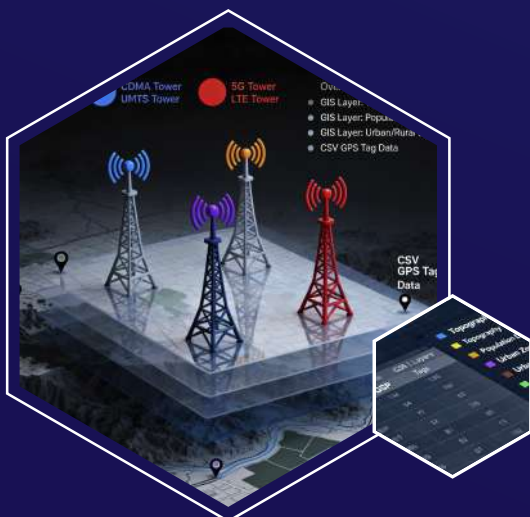
Multi-band passive network scanner: Support for GSM, UMTS, CDMA2000, LTE (TDD & FDD), 5G NSA, 5G SA (sub 6 GHz), 5G SA (mmWave) and Wifi. Decode all the unencrypted BCCH/SIB



System automatically detect and highlight rogue/ misconfigured cellular BTS passively



**Passive Tower Location.** Concurrent collection for GSM, CDMA, UMTS, 5G and LTE towers. Location estimation based on single or multiple surveys



### Compatibility with common visualization and mapping app

- Concurrent collection for GSM, CDMA, UMTS, 5G and LTE towers.
- Multiple Geographic Information Systems.
- All data is stored locally or streamed in real time (in-progress) as GPS tagged text based CSV.

## SPECIFICATIONS

- Wireless Communications Network Survey.
- Drive Testing. Spectrum Interference Monitoring
- Multi-Band IMSI Catcher Supports seamless target registration across 2G, 3G, 4G
- FDD/TDD, LTE Advance, 5G NSA and 5G SA Sub-6 GHz technologies without network redirection (Native Mode).
- Multiple PLMNs by performing fast frequency / channel hopping.
- Redirection in any direction and in any technologies both upward and downward.
- Extensive Target Database Comprehensive PostgreSQL database for data analysis.
- Silent Call based on RSSI, Timing advance, RTT and Sounding reference signals data.
- Selective Blocking Operates in Whitelist, Blacklist & Protected Mode.
- GPS Assist Acquires geographical location data from enabled target devices.
- Denial of services Based on RRC timers and NAS reject cause
- Dynamic Cell and SIB parameter modifications for catching and dynamic long range support
- Directional finding assistance with detailed target measurement data.
- ETWS/CMAS support for emergency SMS broadcast
- Auto configurations for scanning and IMSI operations
- SMS Operations Enables sending and capturing SMS for intelligence gathering in 2G technology.
- Voice Call Operations Supports discreet voice communication and impersonation for intelligence collection in 2G technology.
- Dialed Number Capture Records calls made by targets captured in 2G.





# thinksoft

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