

Surveillance Solutions



NeoSoft surveillance solutions lineup includes tactical devices for extracting intelligence from cellular communications in 2G/3G/4G/5G network standards. These solutions allow law enforcement agencies to perform a large variety of tasks, such as:

- tracking mobile subscribers,
- eavesdropping on target communications (voice calls/SMS/data traffic),
- identifying the precise location of a handset,
- manipulating incoming and outgoing connections,
- establishing a communication channel with a handset to deliver a custom payload.

Field-proven by law enforcement agencies across the globe, our surveillance solutions help security forces perform their daily duties and effectively accomplish their missions. Our target customers include:

- Police
- Intelligence
- Secret service
- Military
- Other government agencies



Neosoft surveillance solutions can only be sold to authorized government agencies and are subject to Swiss export control regulations.





GM Active is an advanced version of IMSI Catcher that allows you to intercept and manipulate all incoming and outgoing communications of mobile phones in range, including voice calls, SMS, data traffic, USSD commands.

HIGHLIGHTS

- Performs man-in-the-middle monitoring of 2G/3G/4G/5G communications, including voice calls, SMS, data traffic and USSD commands.
- Allows you to control the target's mobile data traffic: extract intelligence from HTTP communications, manipulate VoIP calls, tamper with web sessions, and more.
- An extensive set of tools lets you manipulate target's communications: generate fake calls from / to the target, alter SMS content on the spot, block messenger calls, and many more.
- Collects IMSI / IMEI / TMSI identities of mobile handsets in system range.
- Equipped with **SMobile**: a portable, smartphone-based cellular network scanner that can be brought closer to the target location – which allows for more accurate scan results and faster capture of the target handset.
- Supports native UMTS/LTE monitoring: GM Active is capable of monitoring UMTS and LTE connections without downgrading them to GSM (note: this feature is country-specific).
- Innovative 5G-SA interception techniques, featuring a smart downgrade solution that doesn't rely on an LI connection.

Available in following form factors:  full-size  compact

GM Catcher

IMSI/IMEI Catcher with mobile phone detection and OSINT profiling



An IMSI Catcher is specialized surveillance equipment designed to collect identities (such as IMSI and IMEI) of mobile phones in range. GM Catcher steps beyond the basic IMSI/IMEI collection and offers a comprehensive set of functionalities – such as detecting a mobile phone number (MSISDN) and utilizing our GM Gates OSINT solution to reveal meaningful insights about the target.

HIGHLIGHTS

- Collects IMSI/IMEI/TMSI identities of handsets in the system range.
- Provides an extensive set of target manipulation tools, allowing you to extract GPS coordinates of the target, block the target's handset from the real network, make calls and send SMS messages to the target, and many more.
- Integrated with **GM Gates**: a powerful OSINT solution for extracting available phone number-related info from the web.
- Equipped with **SMobile**: a portable, smartphone-based cellular network scanner that can be brought closer to the target location – which allows for more accurate scan results and faster capture of the target handset.
- Detects mobile phone numbers (MSISDN) of intercepted handsets.
- Innovative 5G-SA interception techniques, featuring a smart downgrade solution that doesn't rely on an LI connection.

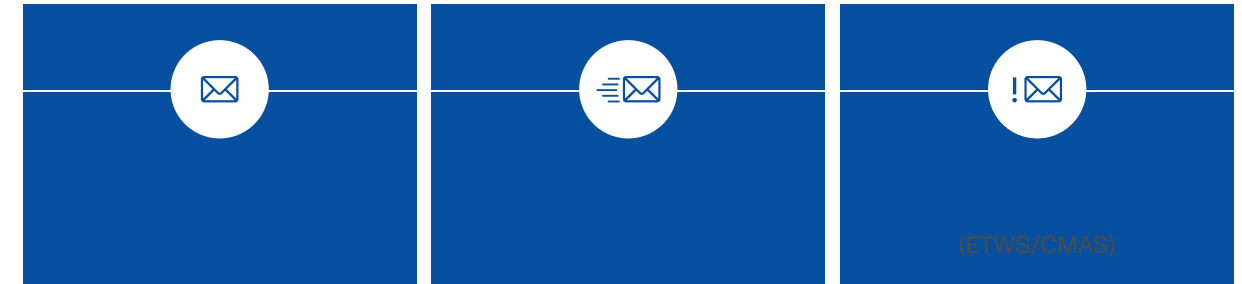
Available in following form factors:  full-size  compact

GM Message

Broadcasting solution for SMS and emergency alert messages



GM Message is a robust solution for broadcasting messages to mobile subscribers in the vicinity. It supports three different types of messages, including cell broadcast.



HIGHLIGHTS

- Broadcasts user-defined messages to all surrounding mobile devices.
- Allows the operator to create customized messages based on the handset model or its home country
- An advanced algorithm analyzes the characteristics of surrounding cell towers; system parameters are then adjusted to maximize the number of message-receiving handsets.
- Supports operation across 2G, 3G, 4G, and 5G-NSA cellular networks.
- Equipped with **SMobile**: a portable, smartphone-based cellular network scanner that can be brought closer to the target location – which allows for more accurate scan results and faster capture of the target handset.
- Programmable settings allow you to automatically halt the session (you can choose to work for a specified period of time or let each unit execute a customized strategy).

Available in following form factors:  full-size  compact

GM Passive

Passive cellular monitoring solution
with A5.3 decryption.



GM Passive is designed for passive real-time monitoring of voice calls, SMS messages, and USSD codes in GSM networks. To operate with network providers using A5.3 encryption, GM Passive can be equipped with an optional downgrader module, which enables the downgrade of A5.3 communications to A5.1

HIGHLIGHTS

- Passive real-time monitoring of voice calls, SMS messages, and USSD codes.
- Supports all types of encryption: A5.1, A5.2, and A5.3.
- Capable of downgrading A5.3-encrypted connections to A5.1.
- Can be configured with an optional hybrid functionality, allowing to make calls & send SMS on behalf of the monitored handset.
- Supports frequency hopping and all types of voice codecs: FR, EFR, HR, and AMR.

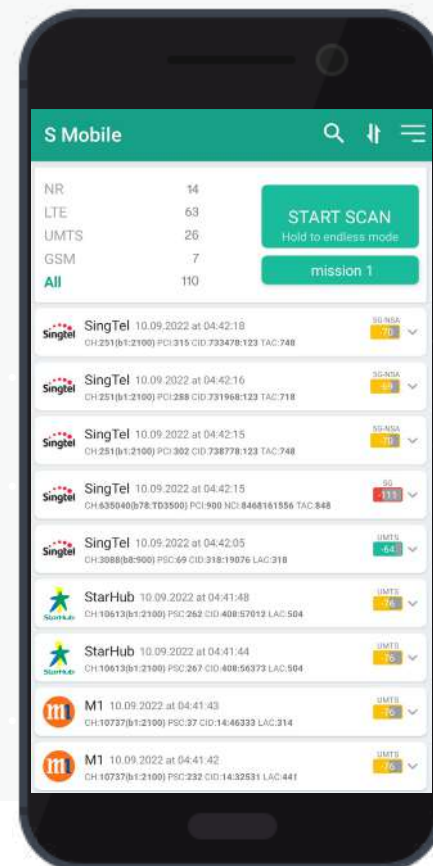
Available in full-size form factor: 

Accessories

NeoSoft offers a range of accessories that help enhance performance in security operations and field missions.

SMOBILE

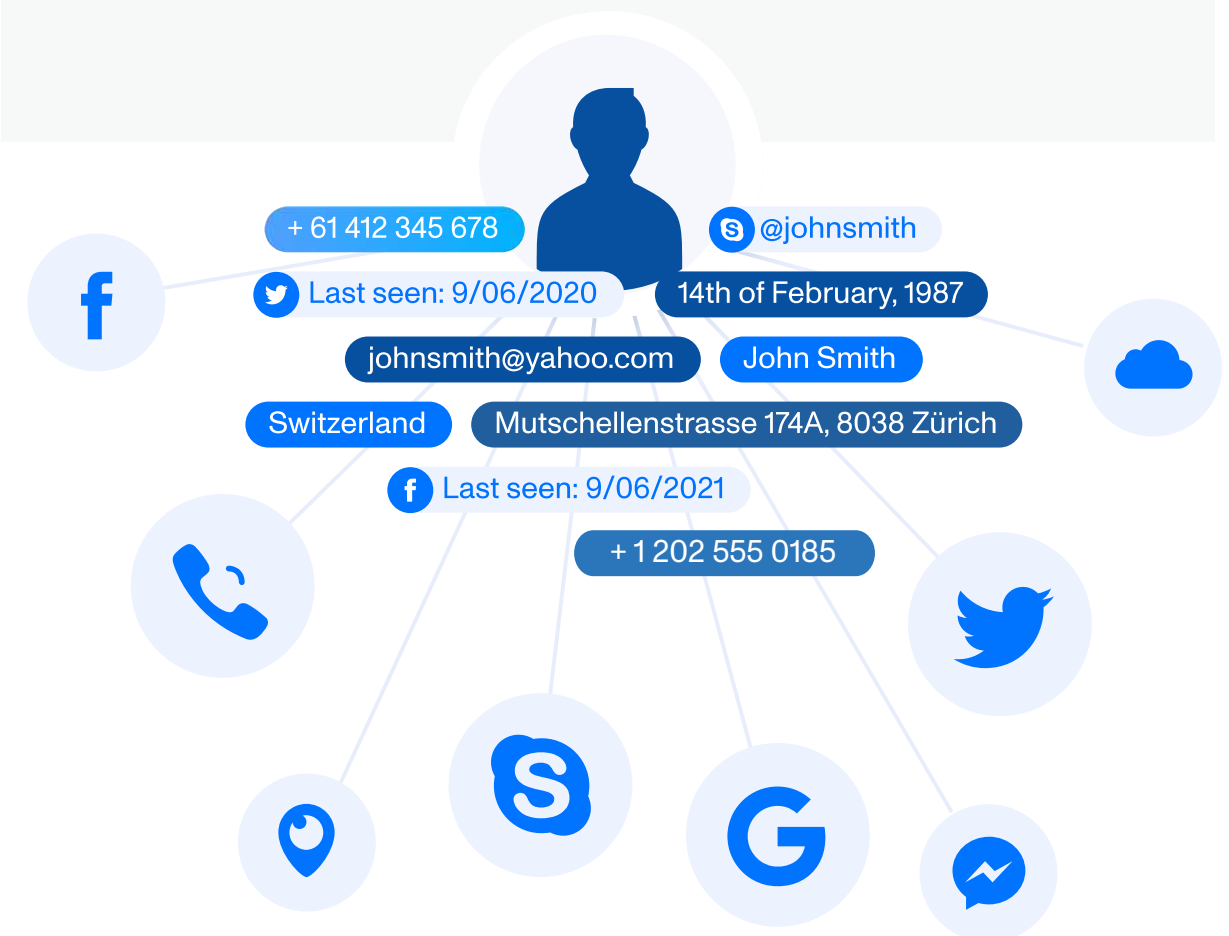
SMobile is a portable, smartphone-based cellular network scanner. Compared to integrated network scanners, a compact SMobile can be brought closer to the target's location and gather more accurate data about the network's landscape. This can significantly improve the IMSI Catcher's ability to acquire the target's handset. SMobile supports all network standards: 2G/3G/4G/5G (including 5G-SA).



GM GATES

GM Gates is an OSINT solution that collects intelligence about a particular mobile number, email, or nickname from more than 60 data sources. Based on this information, the target's profile is built – including names, photos, used messengers and online platforms, important dates, addresses, phone numbers, emails, etc.

GM Gates is built to acquire information about a mobile number (MSISDN) directly in the field. It serves as an invaluable tool to quickly and efficiently narrow down your search results to a specific handset.



Form factors

Our surveillance solutions are designed as a modular-based system constructed from individual units. It allows customers to create various system configurations tailored to their individual requirements. Two types of units are available: compact and full-sized. Both models share similar capabilities – the only differences are the dimensions, weight, and output power.

FULL-SIZE



COMPACT



Backpack adaptation



Drone installation



Masked as a Wi-Fi router for covert missions



Part of a TSCM kit

- A large variety of installations is possible – including cars, motorcycles, and helicopters.





TACTICAL
— SUPPLY PAKISTAN —

Counter Surveillance Solutions

NeoSoft stays true to its commitment – to make the world a safer place. That's why we aim to ensure surveillance solutions are not used by non-state customers without permission. To address security threats, our team offers a lineup of counter-surveillance solutions designed to detect, locate, and counteract tactical cellular and Wi-Fi monitoring systems.

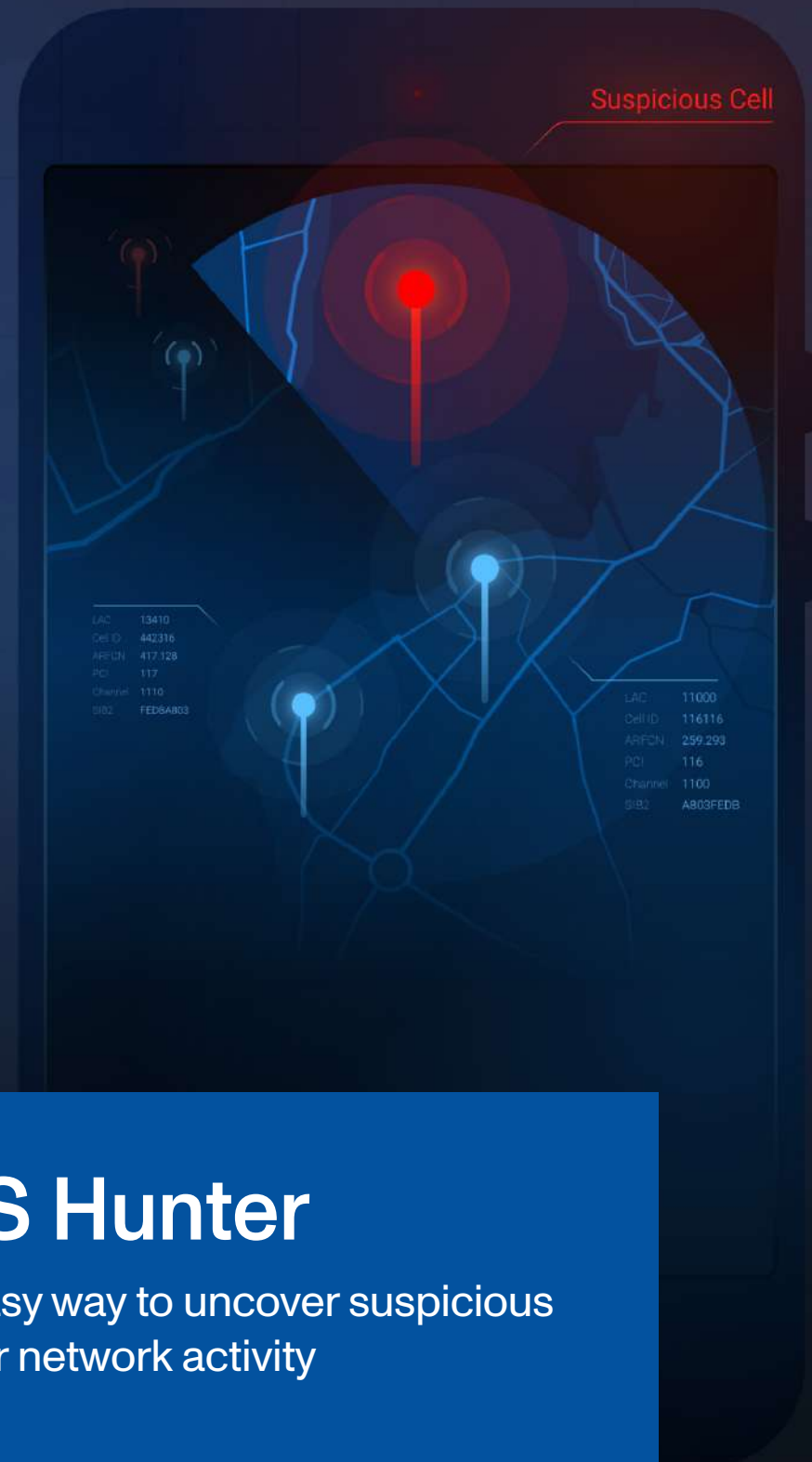
The target use cases are:



FEATURES AND FUNCTIONS

- Utilize cutting-edge algorithms for rapid and accurate detection of cell-site simulators and cloned Wi-Fi access points, focused on minimizing false positives.
- Offers directional finding capability to accurately pinpoint the location of the identified equipment, enabling effective intervention.
- Implement advanced countermeasures by emulating a large inflow of registrations from cellular handsets or simulating requests with randomly generated identifiers to neutralize the identified devices.
- Covertness and compactness for a wide range of applications.
- Prioritize user-friendly operation, eliminating the need for training or extensive technical expertise to utilize the product effectively.





BTS Hunter

The easy way to uncover suspicious cellular network activity

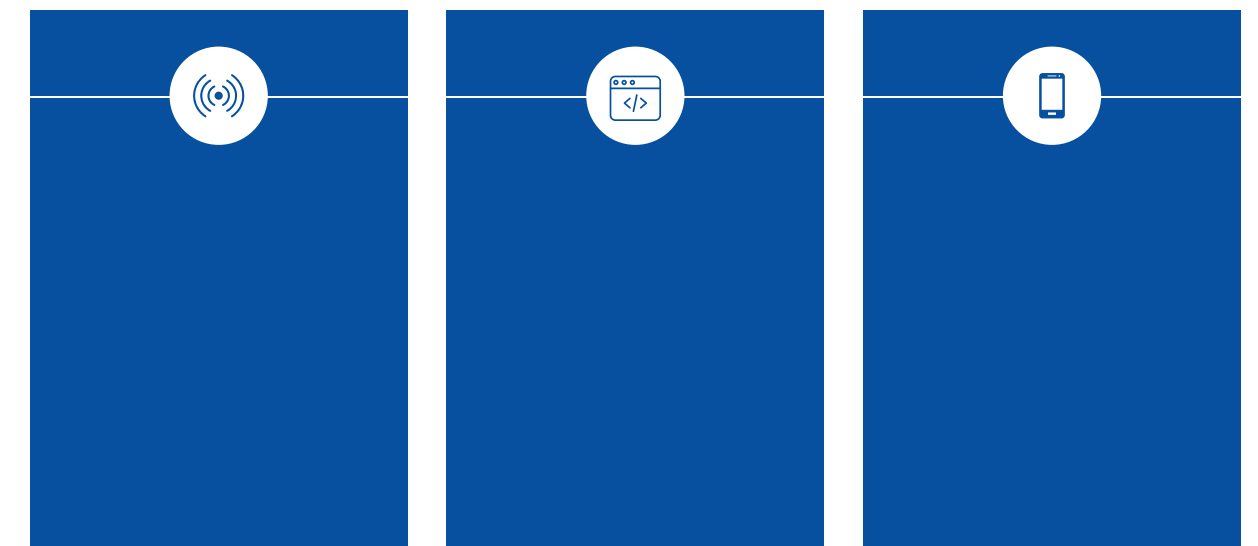
BTS Hunter is a portable cellular network analyzer for identifying suspicious network activity. It performs real-time scanning and analysis of surrounding 2G/3G/4G/5G base stations to detect illicit network activity, including the presence of rogue base stations and malicious cell-site simulators that may compromise privacy of cellular handsets.

BTS Hunter comes with a built-in cell search capability, allowing it to identify the exact location of a malicious cell-site simulator.

HIGHLIGHTS

- Real-time scanning and analysis of surrounding 2G/3G/4G/5G cellular networks.
- A highly portable, covert disguise as a smartphone.
- An intelligent, real-time algorithm utilizing over 100 parameters to identify malicious cell-site simulators, requiring no manual configuration.
- Built-in cell search capability to locate any cellular network transmitter.
- 5G-NSA and 5G-SA support
- Specialized smartphone-based device engineered to operate without a SIM card.

ACCESSORIES



BTS Hunter Pro

Your shield against cellular threats



BTS Hunter Pro is a dedicated solution developed to safeguard critical infrastructure from pervasive cellular network threats such as cell-site simulators and rogue base stations. Employing an intelligent real-time algorithm, it continuously scans the cellular network environment to promptly detect potential threats. Upon identifying suspicious cellular base stations, BTS Hunter Pro autonomously takes action to counteract the threat without requiring operator intervention. This proactive approach ensures an effective and responsive defense, fortifying your infrastructure against the ever-evolving landscape of cellular network threats.

HIGHLIGHTS

- Supports parallel scanning with up to 32 receivers, enabling simultaneous coverage of all available frequency bands and radio technologies, ensuring detection times of under 5 seconds for a rapid response.
- Utilizes an intelligent, real-time algorithm with over 100 parameters to identify malicious cell-site simulators, requiring no manual configuration.
- Provides diverse methods to counteract potential threats, including DDOS attacking by simulating a large number of registration attempts at a high frequency or spamming with user-defined or random IMSI/IMEI identifiers.
- Engineered for standalone operation, delivering continuous protection 24/7, 365 days a year.
- Available in a backpack-based format for on-the-go missions or as an enclosure suitable for indoor/outdoor installations.
- Offers multiple control options: operate via a PC application, an intuitive Android app, or manage a distributed setup of BTS Hunter Pro sensors through a web-based command center.

Wise Connect

Your trusted cellular companion



WiseConnect is a smartphone-based device that connects only to high-quality cellular base stations. The device uses a state-of-the-art algorithm to analyze connection attempts in real-time and avoids connecting to base stations that offer low-quality service.

This ensures a better cellular experience and reduces the risk of connecting to suspicious base stations that could eavesdrop on user communications.

FEATURES

- Prevents connections to base stations offering low-quality service while maintaining uninterrupted cellular connectivity.
- Supports latest cellular technologies: 2G / 3G / 4G / 5G-NSA / 5G-SA.
- Dual SIM support.
- Prevents leaking private identifiers, such as IMSI and IMEI, to low-quality service base stations.
- Available on the latest Samsung Galaxy S23 smartphone lineup.
- Efficient implementation that has minimal impact on battery life.

HOW IT WORKS

WiseConnect intelligently avoids base stations providing degraded Quality of Service (QoS). The reasons for avoiding a base station include:

- Poor network characteristics, such as high latency, jitter, packet loss.
- Base stations with configuration parameters significantly deviating from the ones deployed by the network provider (for example, virtual BTS or privately installed BTS)..
- Rogue BTS, such as SMS spammers or IMSI catchers.



TACTICAL

SUPPLY PAKISTAN



Wi-Fi Hunter is the ultimate pocket-sized device offering you complete transparency and control over surrounding Wi-Fi networks. From advanced threat detection algorithms to detailed data gathering, it is designed to reveal critical network information about your Wi-Fi landscape.

HIGHLIGHTS

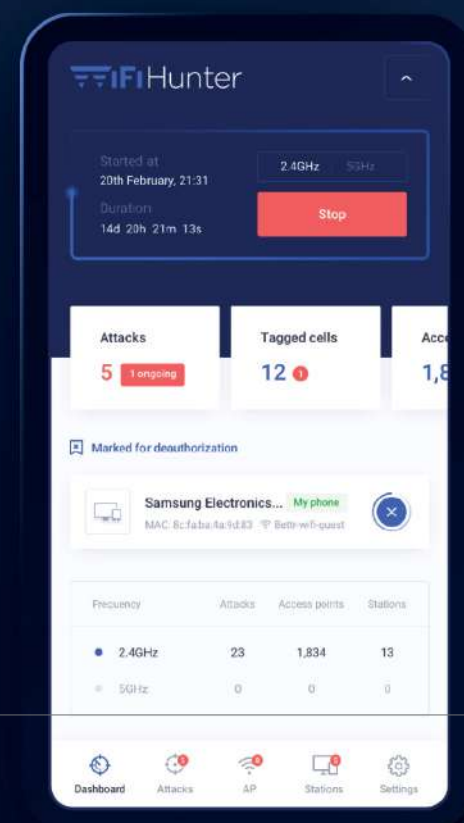
- A full scan and display of all access points (including hidden networks) and clients in the vicinity.
- Directional finding technology to precisely locate any active signal-transmitting Wi-Fi device.
- Passive scanning of Wi-Fi channels in 2.4 GHz and 5 GHz.
- Real-time detection of common attack types, such as KRACK, WPS brute-force, deauthentication, and basic brute-force.
- A built-in deauthentication mechanism, enabling you to force disconnect selected clients from Wi-Fi networks.
- A specialized device with the looks of a regular smartphone for better disguise and portability.

ACCESSORIES



Wi-Fi Hunter

Powerful Wi-Fi analyzing capabilities in a pocket-sized device





TACTICAL
— SUPPLY PAKISTAN —

Wi-Fi Hunter Pro

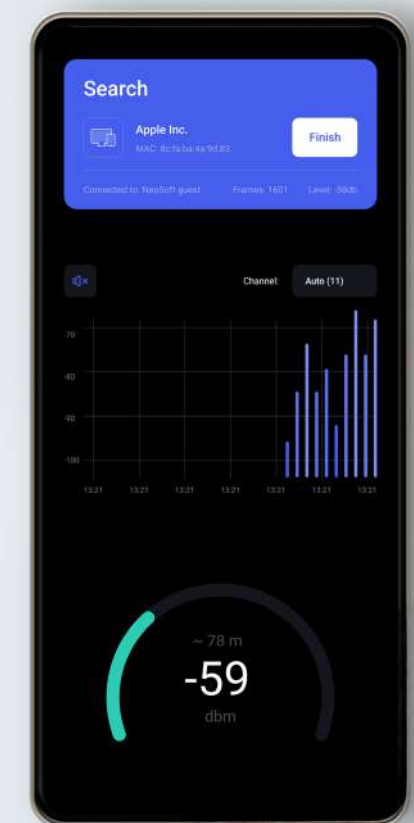
Powerful tool for comprehensive Wi-Fi network scanning, analysis, and control



Wi-Fi Hunter Pro is a powerful tool for scanning, analyzing, and controlling Wi-Fi networks. It quickly scans networks across 2.4, 5, and 6 GHz frequencies, gathering detailed data on access points and connected clients. With advanced deauthentication capabilities and the ability to precisely locate Wi-Fi enabled devices, it provides complete transparency and control over surrounding Wi-Fi networks.

HIGHLIGHTS

- Ultra-fast scanning with 12 dedicated receivers, each covering a portion of the wireless spectrum.
- Supports 2.4, 5, and 6 GHz frequency bands, enabling detection of access points using the latest Wi-Fi 6 and Wi-Fi 7 standards.
- Precise location tracking of routers and clients via the smartphone-based WiFinder device.
- Advanced deauthentication capabilities, allowing simultaneous disconnection of clients from up to 5 access points.
- Built-in analytical capabilities, including detecting SSIDs of hidden networks by tracking probe responses and monitoring SSID changes for each router.
- Captures handshakes and supports traffic recording in .pcap format for detailed analysis.



WiFinder