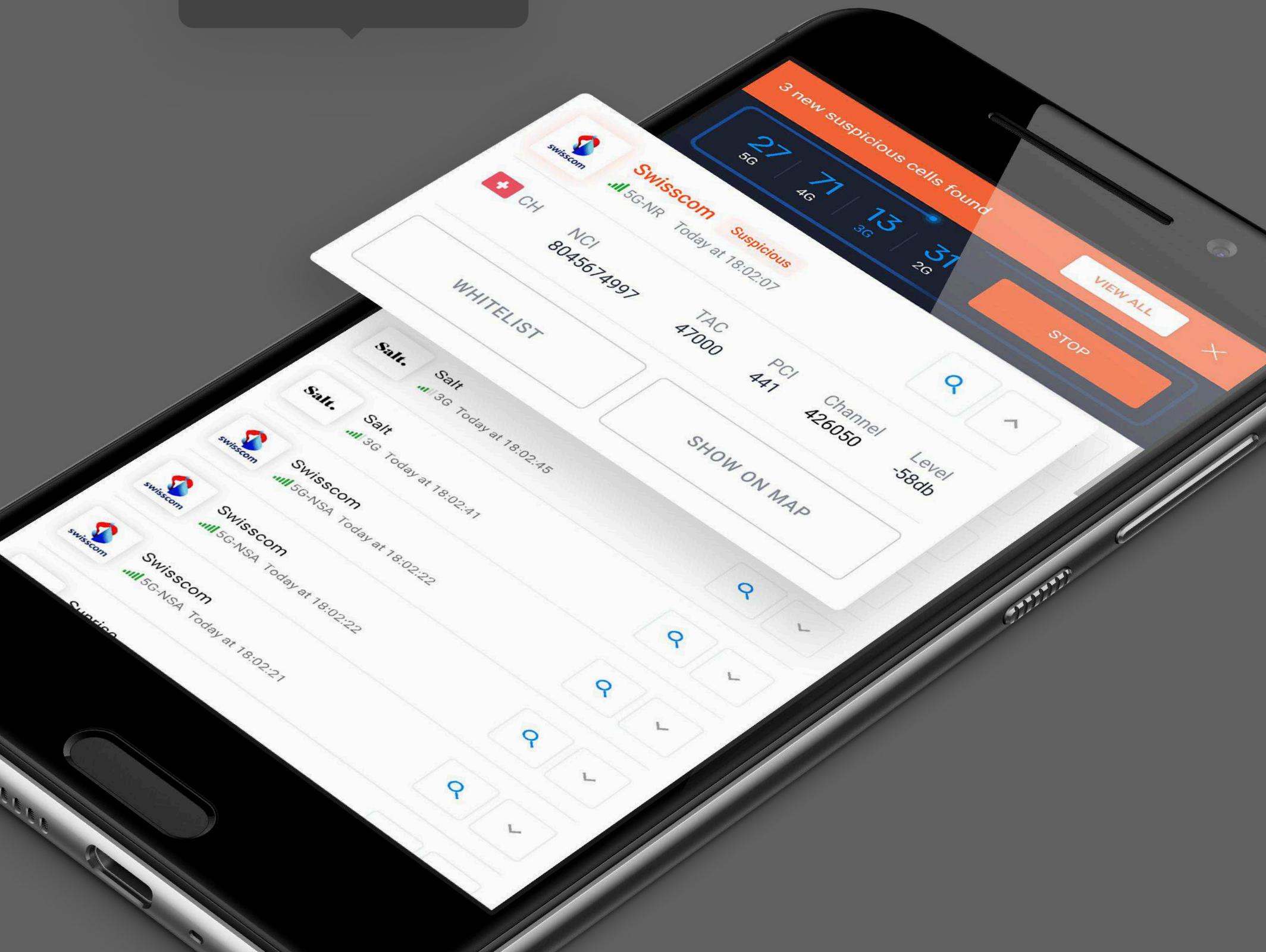


# BTS Hunter

The easy way to uncover suspicious cellular network activity

## Suspicious Cell

TAC 47000  
NCI 8045674997  
PCI 441  
Channel 426050



# About

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BTS Hunter is a portable, passive cellular network analyzer designed to detect suspicious network activity and identify cellular anomalies. Operating without a SIM card, it conducts real-time scanning and analysis of 2G, 3G, 4G, and 5G networks, gathering detailed information about surrounding cell towers and their configurations.

BTS Hunter can uncover irregularities such as misconfigured private network cells, test base stations with abnormal setups, SMS blasters, IMSI catchers, and other cell-simulating devices. Equipped with a built-in cell search capability, it can accurately pinpoint the exact location of these cellular anomalies.

# Features

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- Available in portable and stationary form factors: the portable device has the appearance of a regular smartphone, and the stationary version is designed as a wall-mounted box resembling a standard Wi-Fi router
  - Real-time scanning and analysis of surrounding 2G / 3G / 4G / 5G cellular networks
  - 5G-SA support
  - An intelligent, real-time algorithm using over 100 parameters to identify malicious site simulators
  - Built-in cell search capability to locate any cellular network transmitter
  - Designed for on-the-go missions, operating without the need for an internet connection and performing all analysis directly on the device. Alternatively, it can be integrated into a distributed setup, with multiple BTS Hunter units connected to a web-based dashboard for centralized visualization and storage of collected data.
  - A plug-in external directional finding unit for improved search experience (optional)
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# Prospective users

## Law Enforcement

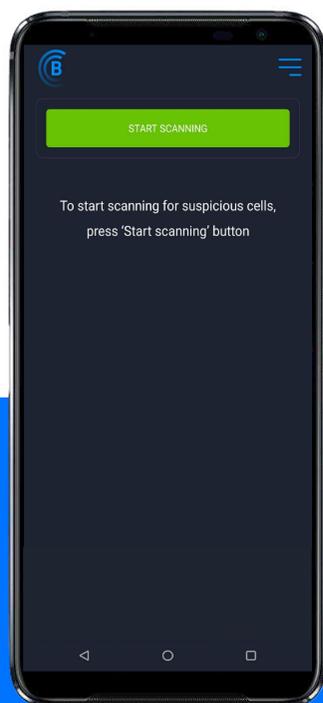
Thanks to the ability to quickly recognize any suspicious cellular network activity, BTS Hunter helps law enforcement agencies immediately identify and locate users of illegally operated malicious cell-site simulators.

## Frequency control agencies

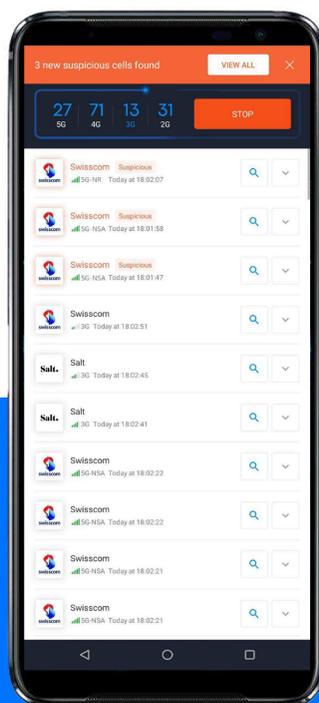
BTS Hunter provides a quick and accurate overview of all transmitting base stations in the vicinity. Frequency control agencies can identify unlicensed transmissions and locate the installation by using the built-in cell searching functionality.

## Governments and organizations

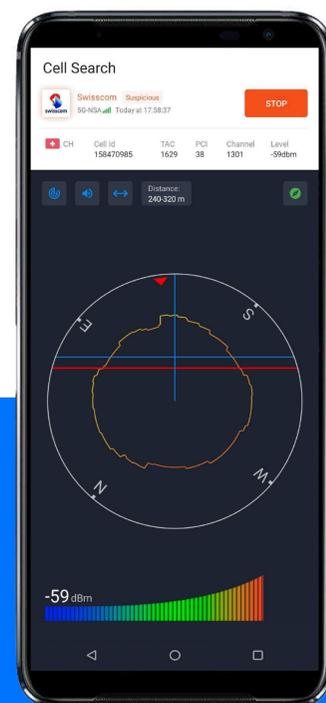
The portable form factor allows BTS Hunter to protect VIPs on the go by ensuring nobody is eavesdropping on their communications. A stationary setup is also available to safeguard critical infrastructure from cellular network threats: multiple BTS Hunter boxes can be installed on the perimeter of the area and operated from the BTS Hunter web dashboard.



SCAN



DETECT



LOCATE



# Accessories

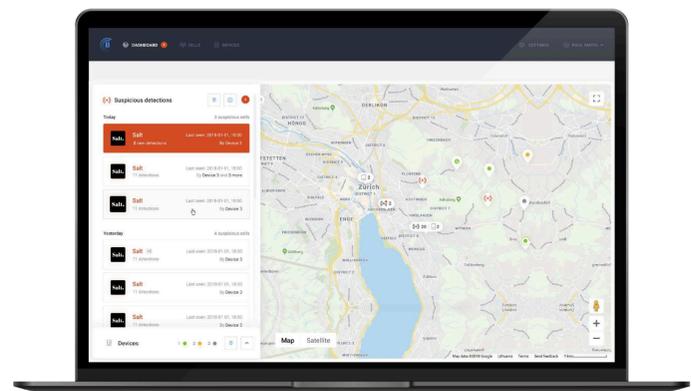
## External directional finding unit

- The external directional finding unit includes an additional scanning module and a directional antenna. The antenna helps identify the direction of the signal source, therefore improving cell search effectiveness. The additional scanning unit allows BTS Hunter to perform scanning and searching at the same time.



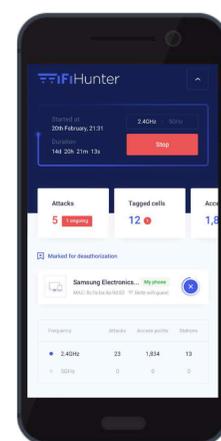
## Web Dashboard

Web dashboard enables you to handle operations of multiple BTS Hunter devices in a single place. The monitoring center allows you to track and remotely control all devices at once, offers real-time email and SMS alerts about suspicious network activity, and provides an enhanced analysis of collected intelligence.



## Wi-Fi intrusion detection support

By installing Wi-Fi Hunter, BTS Hunter can be upgraded to support advanced Wi-Fi analysis and threat detection. Thanks to our latest innovations, you can easily launch and run both applications simultaneously. For more information on Wi-Fi Hunter, please get in touch with our representatives.



# Technical specifications

	Supported bands
<b>GSM:</b>	850/900/1800/1900 MHz
<b>UMTS</b>	1, 2, 3, 4, 5, 6, 8, 19
<b>LTE :</b>	1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 18, 19, 20, 25, 26, 28, 29, 30, 32, 34, 38, 39, 40, 41, 42, 48, 66, 71
<b>5G-NR:</b>	1, 2, 3, 5, 28, 41, 66, 71, 77, 78, 79

The BTS Hunter device offers multiple band configurations, with the indicated frequency bands being a combination of these configurations. Please note that the supplied configuration may vary depending on the country.



## PORTABLE

### Dimensions

165.1 × 77.3 × 9.6 mm

### Battery life

Up to 12 hours in scanning mode

### Weight

231 grams

### Receiver sensitivity

-110dBm



## STATIONARY

### Dimensions

200.2 × 124.2 × 45mm

### Connection

LAN (for internet)  
DC jack 5.5 x 2.1mm (for power)

### Weight

573 - 652 grams (depending on configuration)

### Receiver sensitivity

-110dBm



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