Suspicious Cell

LAC 13410
Cell ID 442316
ARFCN 417.128
PCI 117
Channel 1110
SIB2 FEDBA803

LAC 11000
Cell ID 116116
ARFCN 259.293
PCI 116
Channel 1100
SIB2 A803FEDB

BTS Hunter

The easy way to
uncover suspicious
cellular network activity

Overview

BTS Hunter Dashboard is a centralized application designed to protect your critical infrastructure from potential cellular network threats. The solution identifies suspicious behavior in surrounding network landscape including misconfigured operator base stations, presence of malicious cell-site simulators and more.

BTS Hunter Dashboard is at the forefront of clients' cybersecurity needs – from law enforcement agencies aiming to detect and localize non-stage agents illegally operating cellular network monitoring equipment to government institutions and private companies making effort to safeguard their critical infrastructure.

1.

Sensors – available in both mobile and stationary form factors – perform a passive scan of surrounding GSM/UMTS/LTE/5G-NSA/5G-SA cellular networks and collect information about base stations in the area.

2.

Information about each base station collected during the scanning process is analyzed directly on the sensor in real-time. The state-of-the-art algorithm compares the given base station parameters to others from the same provider and raises an alert if the deviation is significant.
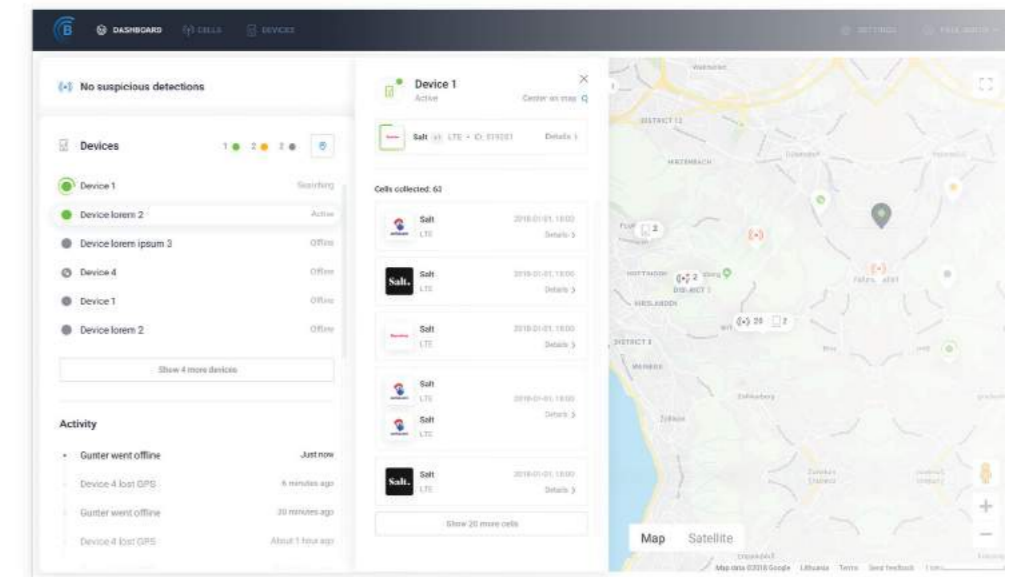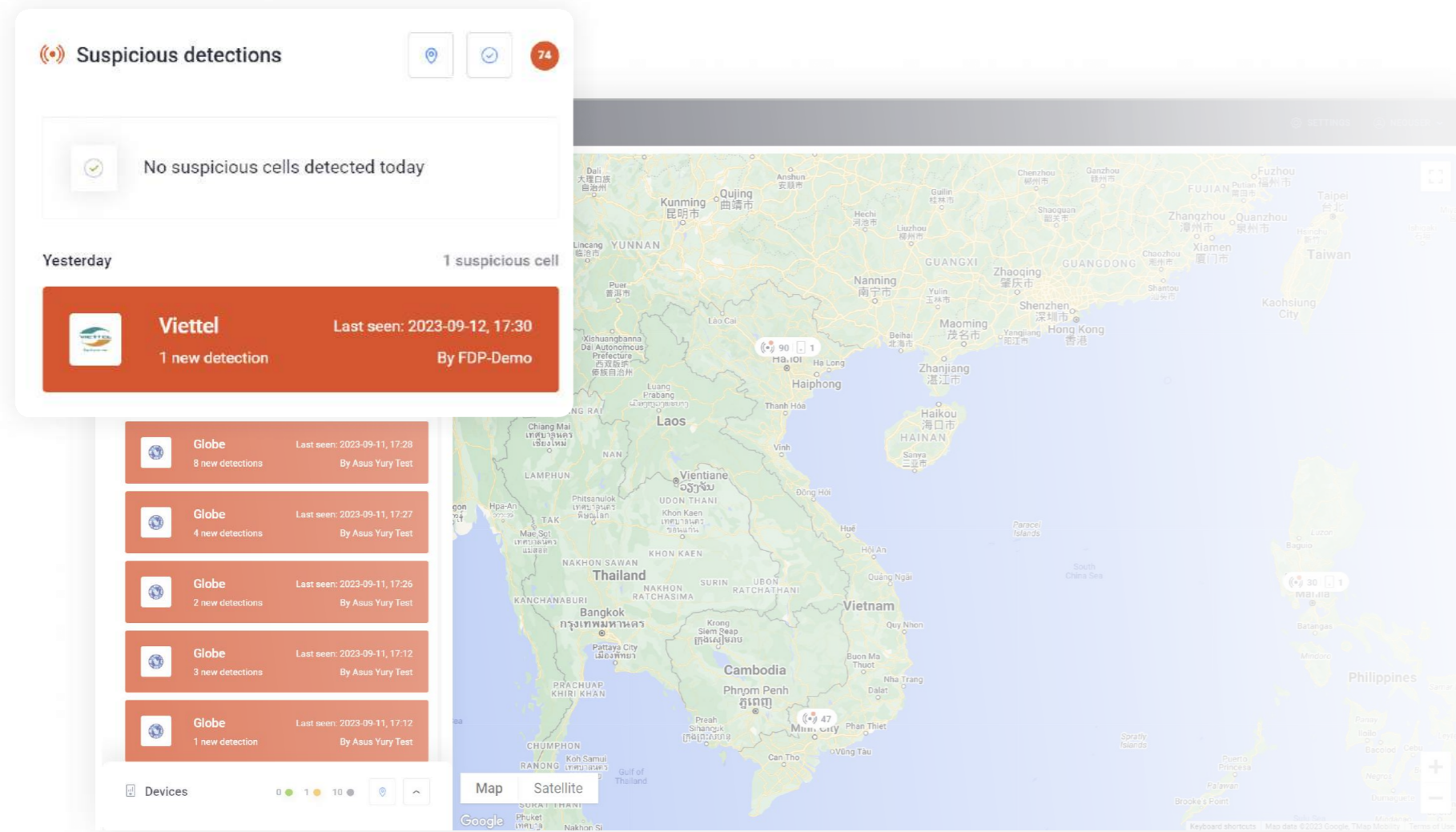
3.

Collected data about base stations and analysis results are transferred to the central server, which processes and merges records from all the sensors. Information is stored in a single database and displayed in a streamlined way using modern, web-based UI. If a threat is detected, the server immediately reports it to the system operator via e-mail or SMS.
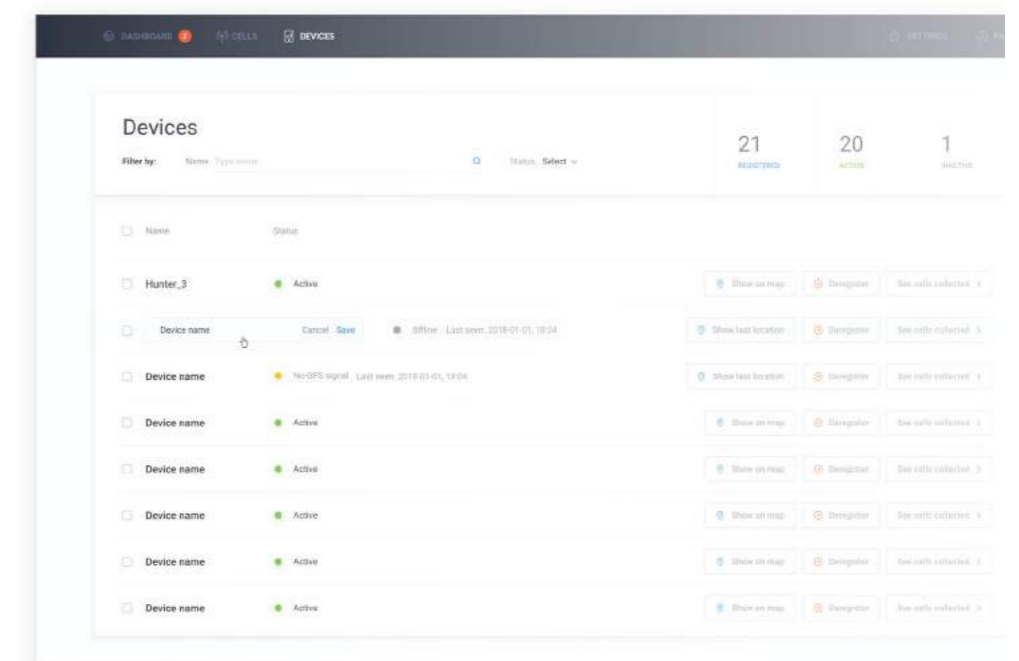
Features

- **Get an overview of threat reports from all sensors**

  A centralized solution provides a clear outline of the latest threats detected by different sensors. View a full log of events generated by multiple sensors and visualize suspicious activity hotspots on the map to reveal location-based patterns.

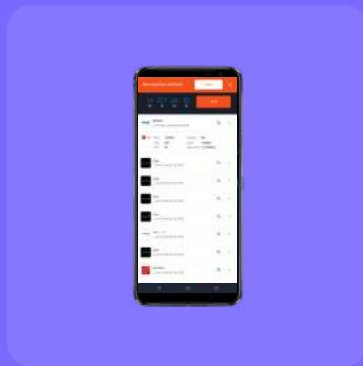

- **Track and operate all sensors at once**

  The centralized hub allows you to get a full overview of your entire sensor setup in a single place. At a glance, you can live track the status and location of each BTS Hunter device. All sensors can be controlled directly from the dashboard, making device management easier and more efficient.

Technical specifications

	Supported bands
GSM:	850/900/1800/1900 MHz
UMTS	1, 2, 3, 4, 5, 6, 8, 19
LTE :	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
5G-NR:	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 x 77.3 x 9.6 mm

Weight
231 grams

Battery life
Up to 12 hours in scanning mode

Receiver sensitivity
-110dBm

STATIONARY

Dimensions
200.2 x 124.2 x 45mm

Weight
573 – 652 grams (depending on configuration)

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

Receiver sensitivity
-110dBm

Mobitronix