

BTS-HUNTER



Introduction

International Mobile Subscriber Identity-Catcher or IMSI-Catcher, is a telephone eavesdropping device used for tracking location data of mobile phone users. IMSI-Catchers coupled with decryptors allow adversaries to intercept your conversations and text messages. They can be used to determine your location or to find out who is in each geographic area at what time. Identity thieves can use freely available tools and even build their own rogue GSM BTS to monitor and manipulate communications from a parked car in your residential neighborhood – notably for stealing passwords or credit card data from people nearby who make purchases on their phones. The reason IMSI-Catchers are so commonly used is that it is very easy to get away with, since they leave no traces. Stratign’s BTS Hunter is designed to detect and locate ‘fake’ cellular networks such as IMSI-Catchers and Active Cellular Interception Systems. It can alert the users on possible interception and tracking.

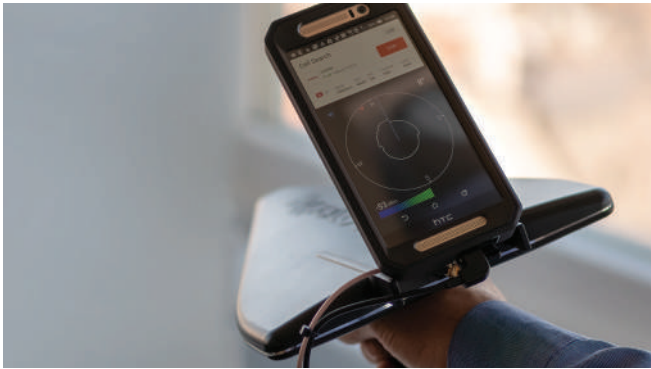
It helps government and law enforcement agencies, private individuals and service providers to detect and locate users of illegal monitoring equipment or even illegal mobile networks. It also assists mobile network providers to evaluate the user perceived performance of their network equipment and immediately identify any misconfiguration.

The system is an essential countermeasure tool to detect and defeat cellular network eavesdropping.

Features

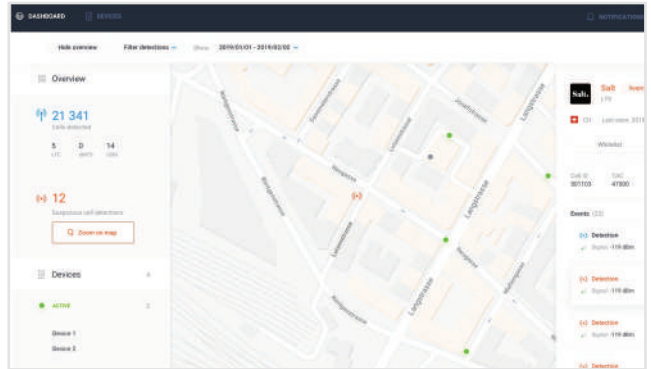
- Fully passive scanning of network environment.
- Real-time analysis of surrounding GSM, UMTS and LTE networks.
- Built-in cell search capability, allowing to locate any cellular network transmitter.
- Intelligent algorithm for detecting the presence of suspicious network activity by analyzing more than 75 network parameters.
- No SIM card from the service provider is required.
- List of all cells around system in real-time.
- Automatic filtering of fake cells based on defined criteria.
- Search the source of selected cell.
- Plug-in directional antenna to improve cell search experience (optional).
- Operational range up to 2kms.
- Can be controlled remotely by using Wi-Fi or internet connectivity.
- Multiple systems can be networked and monitored centrally.
- Can display the locations of the detected network nodes on the integrated map.





Accessories

Directional Antenna: The system can be integrated with a specially designed directional antenna. The directional antenna makes cell search more effective by quickly identifying the signal source direction. The accessory also features an extra built-in hardware module that allows the BTS Hunter to perform scanning while the search procedure is in progress.



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 alerts about suspicious network activity and provides an enhanced analysis of collected intelligence.

