



# CellDart

## Cellular Interception and Geolocation System

### ELK-7077



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CellDart (ELK-7077) is an active and passive cellular interception and accurate geolocation system supporting 2G, 3G, 4G and 5G networks. It is a proven solution, based on unique, patented technology, and in operation with customers worldwide. The system is suitable for Intelligence, Surveillance and Reconnaissance (ISR) activities, border and maritime protection, HLS and law enforcement.

CellDart comprises an IMSI catcher and a passive cellular geolocation sensor. The IMSI catcher emulates 2G/3G/4G/5G signals and captures targeted cellular devices in the Area of Interest (AoI). Targets are triggered and geolocated without disturbing the operation of commercial networks. The geolocation sensor's unique Direction Finding (DF) capability and advanced algorithms enables to accurately locate targeted cellular users, even at a long range. The system can passively monitor voice calls and SMS. In its active mode, CellDart performs advanced manipulations on target mobile phones, including silent call – i.e. denial of service of blacklisted targets, downgrading target phones from 4G to 3G and/or 2G, redirecting targets to its own Base Transceiver Station (BTS), and more.

### CONFIGURATIONS

CellDart is a modular, rugged, compact and lightweight system that can be tailored to mission requirements. The system can be installed on lightweight aircraft or small UAVs, and a high-powered version can be deployed on vehicles and tower installations to provide wider coverage.

CellDart's operator workstation displays the targets' location and cellular information on a map.



### KEY FEATURES

- Highly accurate cellular phone geolocation, including long-range operation
- Cellular communications interception
- Integrated active and passive sensors
- Tailored to different platforms: aerial, vehicular, and ground-based installation

