

# GEODOME

Network-Centric  
Communication Intelligence

ATEROS

**GeoDome is a real-time multi-sensor command, control and analytics software platform that enables safe remote operation of connected sensors and surveillance devices.**



## Main Functions

A GeoDome based Tactical Intelligence System (TIS) is comprised of the GeoDome software platform connected to a fleet of sensors – such as Ateros Onyx (Cellular) and Jasper (Wi-Fi/BT) SIGNIT sensors (IMSI/MAC catchers), and optionally to other sensors and 3rd party data providers and systems. GeoDome:

- Enables users to operate SIGINT sensors, such as IMSI or MAC catchers, both locally (stand-in) and from remote positions (stand-off)
- Collects, stores and fuses data and metadata collected by the sensors about surveillance targets in the context of sub-city and central intelligence operations
- Performs immediate analytics to enrich information used during operations and generate alerts and notifications to users and management
- Facilitates diverse queries to be carried out in real-time and offline
- Automates investigative operations
- Exports data to other platforms

## Deployment Configurations

GeoDome is available in local and in (private-)cloud configurations. In its local configuration, installed on Ateros Onyx active cellular surveillance units or on a standalone computer, it enables users to leverage GeoDome's user-friendly, powerful user interface to manage and execute surveillance tasks while maintaining high standards of operational information security. GeoDome Cloud enables the intelligence organization's operators and commanders to manage or operate deployed units and analyze data they generate from remote (stand-off) position, in real-time.

GeoDome cloud is designed to be used in parallel to the local team's tactical use and operation of the unit or instead of it, enabling unattended tactical surveillance operations.

## This approach provides several benefits

- Data is made available to command levels in a command post in real-time
- The units can be remote controlled from the command post
- Operations can be seamlessly handed-off between teams
- Data can be gathered and displayed from multiple deployed units
- Operations and collected data are logged in a central database and are available for offline reporting and analysis

## GeoDome Advanced Analytics

In addition to its primary function as a SIGINT command, control, and analytics platform. GeoDome is an open platform enabling fusion of data from a variety of additional sensors and sources, provided by Ateros or from 3rd parties, such as:

- Drone detection sensors and mitigation devices
- Cyber intelligence tools
- License plate and optical face recognition
- GPS trackers
- Government databases
- Digital forensic systems

