



Rayzone Group

▶▶ Cutting edge solutions  
for innovative intelligence

# GEOMATRIX : GeoLocation System

▶▶ GeoMatrix is an advanced GeoLocation intelligence system, which provides real time location of any cellular subscriber worldwide.

GeoMatrix is a unique SS7 protocol based solution that enables intelligence and law enforcement agencies the ability to locate, track, and manipulate any 2G/ 3G/4G subscribers covertly virtually anywhere in the world, all in real-time using a very friendly GUI and graphical supported maps.

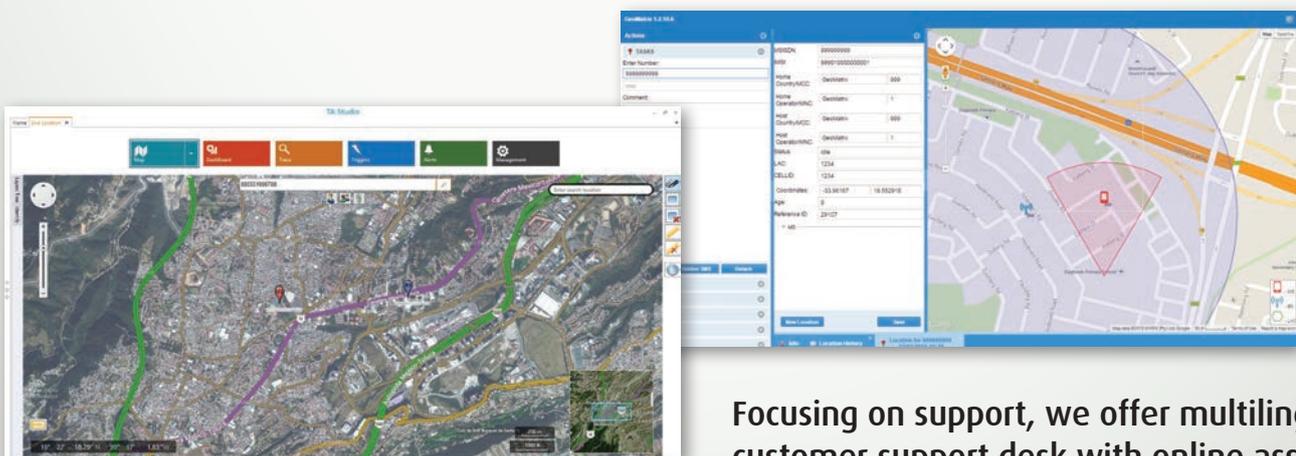
Undetectable by the target and the mobile operators, the solution stealthily ascertains status, location and movement of targets of interest, from anywhere in a city and/or area to the entire country and beyond borders, pinpointing them with high accuracy in real-time.

GeoMatrix allows manual or automatic queries in real-time via criteria pre-defined by the user (Triggers) which enables automatic long-term tracking of a selected subscriber's status and location.

MSISDN:	999999999
IMSI:	999010000000001
Home Country/MCC:	GeoMatrix 999
Home Operator/MNC:	GeoMatrix 1
Host Country/MCC:	GeoMatrix 999
Host Operator/MNC:	GeoMatrix 1
Status:	idle
LAC:	1234
CELLID:	1234
Coordinates:	-33.96167 18.552916
Age:	0
Reference ID:	291C7

Among the presented detailed data of the target, the system will indicate:

- Details about the home/visiting network
- Subscriber status (Idle / Busy / Not reachable / Offline)
- Physical location- plotted on a map
- Subscriber's MSISDN and IMSI number
- Ability to automatically send real-time alerts to the system users, via Mail/SMS, based on pre-defined criteria



Focusing on support, we offer multilingual customer support desk with online assistance.

# GEO MATRIX :: GeoLocation System - Find me

GeoMatrix unique business model is flexible and enables our customers to choose a solution that fits their needs and budget:

## GeoMatrix as a service:

- Locate any 2G/3G/4G subscribers, including inbound/outbound roamers
- Powerful rule based engine from which users can define key criteria to automatically track a suspect and receive alerts when specific pre-defined conditions occurs
- Analysis tools enabling presenting previous location results
- Management dashboard that presents all statistics regarding the use of the system, access permissions and various internal management functions and control
- A purchase of predefined number of queries that fits client needs.
- Charges per actual query used

## GeoMatrix full on premise system:

- All capabilities delivered in the service option
- Offline working and full control with local on premise installation
- Allows performing complex real-time and forensic analysis, such as: sophisticated link analysis, polygon based queries, analysis on groups, identities and persons, comparison with other geographical layers and different types of maps

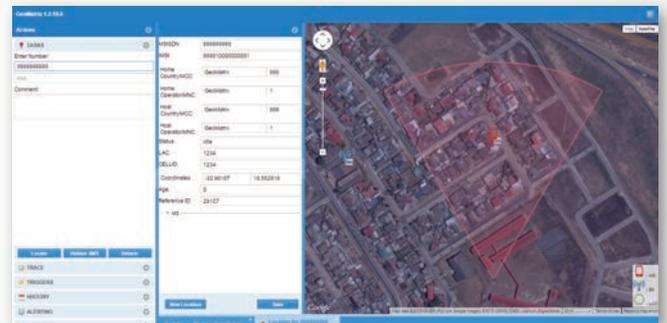


## Operational advantages:

- Fast deployment and installation at customer organization site
- Can be operated from any internet connected device (Desktop, Tablet or Smartphone)
- Non-mandatory to connect to telecom carrier in the country
- Provides location based on target's MSISDN or IMSI identity
- Replaces and reduces other resource-intensive systems and Humint work (e.g. - phone-taps, surveillance teams), while streamlining and simplifying tactical responses and feedback
- Provides a unique view of every suspect using a mobile phone on all networks, including foreign roaming users, all with maximum accuracy capability
- Provides a secure virtual fencing to protect key national sensitive locations
- Includes tracking triggers to automatically track suspects, entry/exit from the country, and proximity to sites of special interest
- Providing distance between suspects
- Capacity for multiple tasks and queries simultaneously for different targets, location of special units and commands
- Multi lingual User Interface

## Usage advantages:

- Secure encrypted connection using two factor authentication and optional VPN connection
- Present location on a map based on client's maps and databases, or on built-in maps and databases
- Advanced track module to monitor and plot suspect movement over time
- Simple and intuitive operation



P +61 3 9934 9934 F +613 9686 5533 E [pointtrading@pointtrading.com](mailto:pointtrading@pointtrading.com)  
145 Wells St, South Melbourne VIC 3205 Australia