SnakeTrack

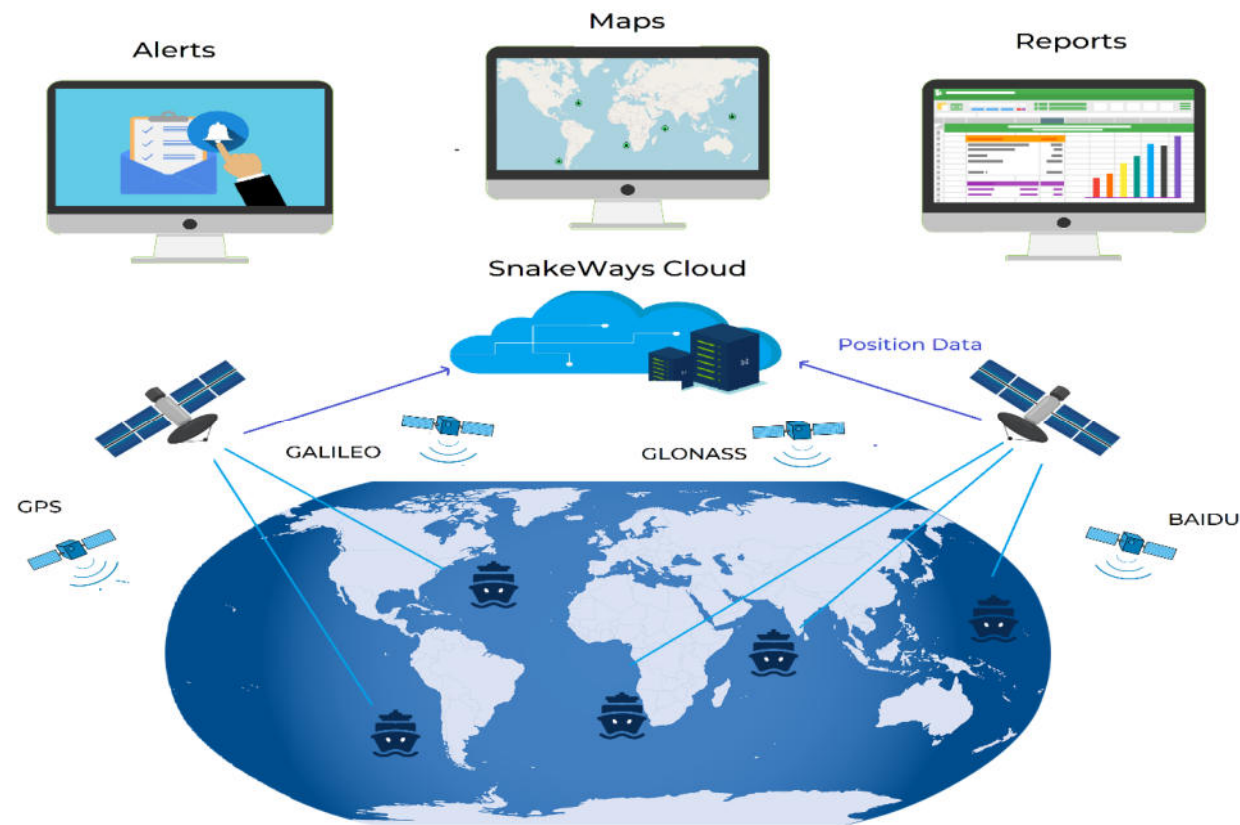## Feature-Rich Vessel Tracking

Reliable Tracking
Dependable position data collection, transfer, and storage

Economic
Background data transfer

Easy setup
Integrated SnakeBox modules or auto detect external devices

Map display
View position, track history, geofences, and events

Reporting
Flexible passage reporting and data export options

Geofencing
Set your own or import geofences, set alerts, and review past events

SnakeTrack

SnakeTrack extends the SnakeBox capabilities with location and tracking functionality.

Reliable
SnakeTrack is fully integrated into the SnakeBox smart router. All data is stored locally and sent to shore at user defined intervals. If there is a break in the communications path, the data is queued for delivery once connectivity resumes, thus ensuring gap-free position data.

Economic
Position data is highly compressed and sent to shore as part of the SnakeBox background data service, typically at no extra costs.
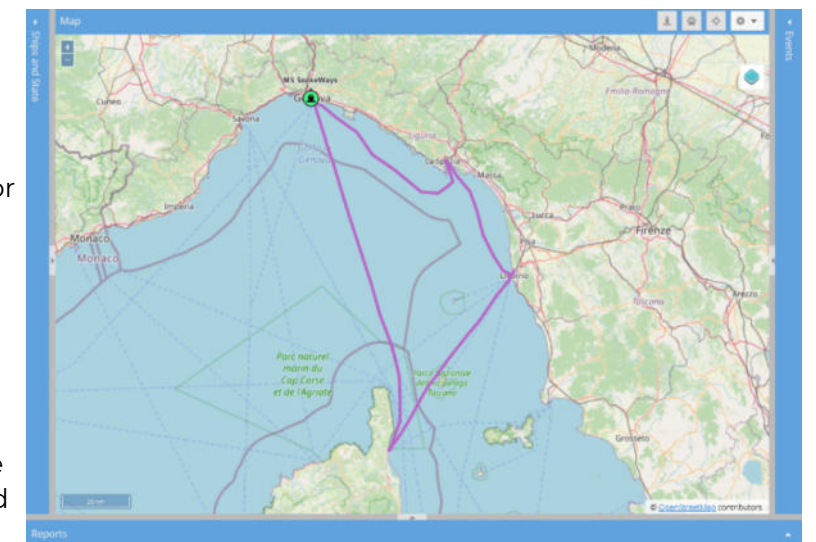
Easy setup
Position data is sourced from either the internal GPS or LTE/GPS modules of the SnakeBox or from external devices like a sat terminal. Detection of the correct hardware is automatic.

The SnakeBox GPS hardware supports active antennas, allowing for extended cable lengths. They use the latest chip sets and receive signals from GPS, Baidu, Glonass and Galileo satellite constellations.

Map
The SnakeCloud shore server provides a convenient, fully featured, mobile aware display of your vessel positions. The map provides live view of tracks and current positions as well as visualisation of past data. A global view of the whole fleet is available for display or integration into your website.

Reporting
SnakeTrack provides live and historical reporting in Excel format as well as NMEA standard data for import into third party systems. Options to report on passages, stoppages, and voyage summaries complete the rich features like distance, maximum and average speed calculations.

Geofencing
SnakeTrack supports a rich set of geofencing features. Fences can be defined manually or data for fishing and danger zones, territorial waters and many others can be imported.

Alerts are triggered upon entering and leaving a zone. Zones and alerts can be set for individual vessels, a group or the fleet. All events are stored in the database and can be reviewed and exported in excel format.