

SOFTWARE APPLICATION

RTS

The Codan RTS software combined with Codan HF radio and GPS technology provides an effective means to locate, track, and manage remote assets. It is an economical solution when compared to subscription-based tracking and asset management solutions, with no ongoing air-time costs.

The RTS software is an ideal solution for remote offline applications, whilst still providing access to online map resources when internet connectivity is available.

KEY FEATURES

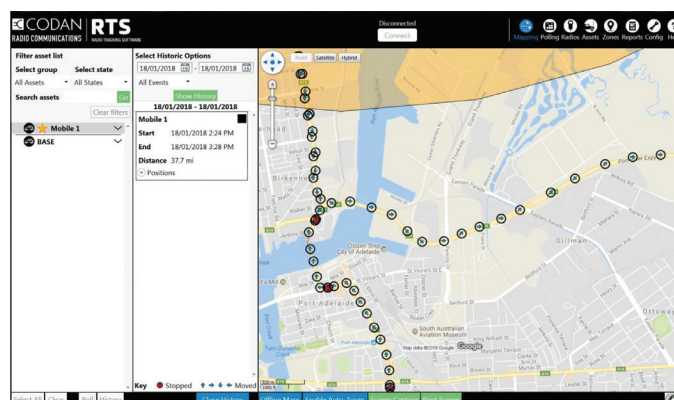
- Spot or trace tracking and map location
- Multiple HF linking protocols supported
- Fully integrated with Codan HF radios
- Easy to use interface
- Manual and scheduled automatic polling
- Grouping of assets
- Route planning
- Basic telemetry
- Geo-fencing and alerts
- Base-to-mobile or mobile-to-mobile use
- Logging and export of position data
- Street-level OSM world map included

MINIMUM SYSTEM REQUIREMENTS

- Intel core i3 minimum, 32 bit
- 4 GB RAM
- 170 GB free hard disk space (includes 150 GB for map data file — world coverage to street level)
- Windows versions 7 SP1, 8.1, and 10 (32 bit or 64 bit)
- 2 x USB port (one for security dongle, one for Envoy / Sentry / 2110 Patrol transceiver control interface)
- 1 x serial port (NGT only)
- 1024 x 768 screen resolution, full HD 1680 x 1050 recommended

ACCESSORIES

- Envoy Interface Cable (15 way GPIO):
08-06952-001/-002 (1 m / 6 m)
- Envoy Interface Cable (6 way):
08-07318-001/-002 (1 m / 6 m)
- 2110/Sentry-H Interface Cable:
08-07431-001/-002 (1 m / 6 m)



TRACKING AND LOCATION

Codan's RTS software may be configured for automatic or manual position acquisition of up to 100 mobile assets, utilising Selcall, 2G or 3G ALE linking protocols for transfer of GPS data between HF stations. Once the position data is received, a user-selectable icon identifies the mobile station's position on the displayed map. Assets may be identified as part of a user-defined group or as individual entities. Sequential acquisition of a given mobile station's position can be displayed as individual points or shown as a breadcrumb trace to show route travelled.

GEO FENCING

Our RTS software combined with the Codan radio provides a full range of proximity detection methods to ensure maximum situational awareness at all times. The system will provide a warning when mobile stations enter user-defined restricted areas (alarm zones), when they are outside designated safety areas (corridor zones) or when they approach designated waypoints (waypoint proximity).

INTEGRATED SOLUTION

The RTS application is fully integrated with all HF radio linking protocols to ensure that acquisition of position data is seamless to the operator. Depending on specific model, the application supports connection to Codan HF radios via a range of interfaces, including USB, Ethernet, WiFi and serial to suit all possible use case scenarios and installations.

LOGGING

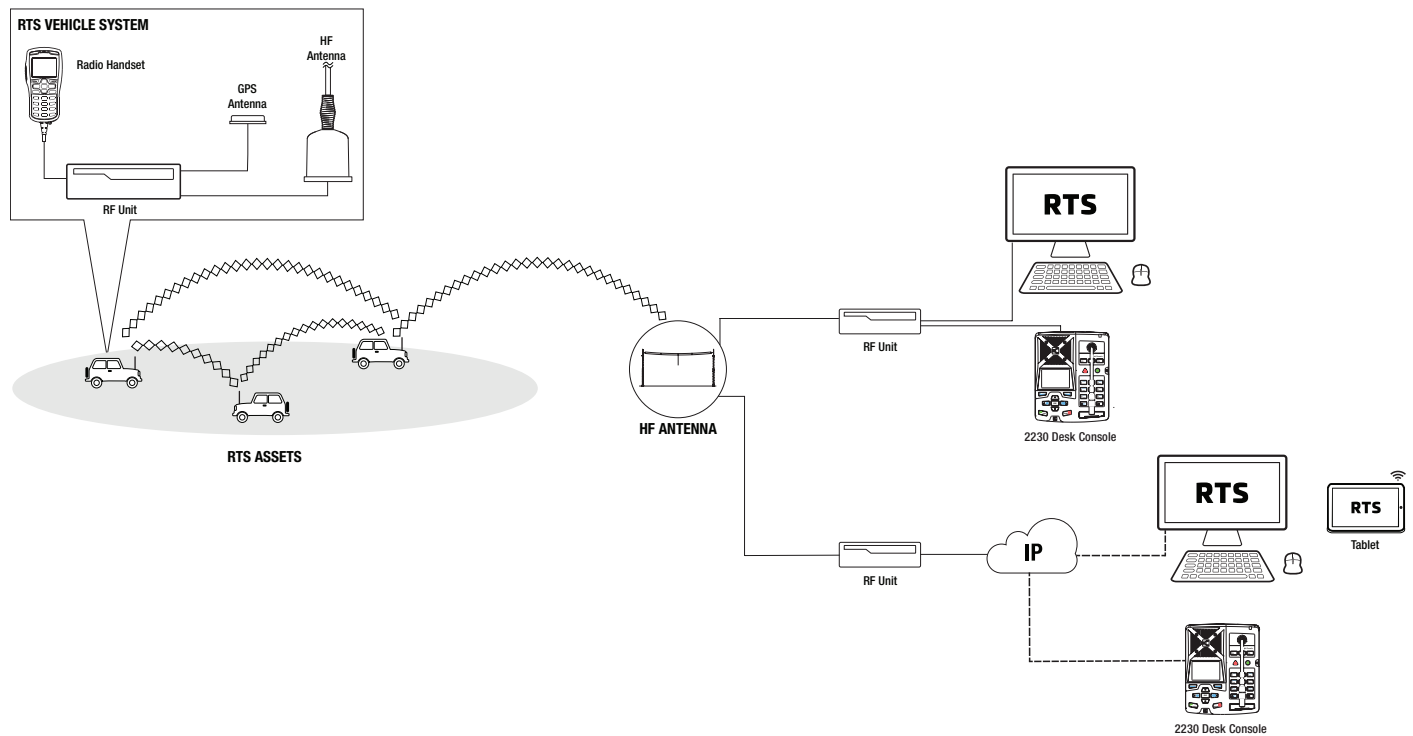
The tracking application supports recovery and outputting of historical asset position data in various contexts, including graphical representation of route trail and filtering based on time a dates and geo-fence trigger events. The movement of a selected asset may be output by printing a map showing route taken or by exporting journey statistics to file.

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DTC
A CODAN COMPANY

SYSTEM CONFIGURATION



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