AT SA Situational Awareness Terminal

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RT CommandPoint is a Situational Awareness application that aids Commanders on all levels in operational theatre visualization, communication and intelligent unit control.

The positions of RT devices and other symbols are overlaid on a comprehensive built-in offline base map and combined with easy-to-use chat messaging to individuals or all members of the group. The intuitive interface can be used for tracking, navigation and coordination.

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Features & Benefits

Situational Awareness & Blue Force Tracking
Built-in Offline Base Maps
Touch-screen Design Option
Text, SMS, Email, File Transfer, Form and Report Message Support
Interoperability with RA & RT devices

Situational Awareness
Friendly Symbols (Blue)

RT CommandPoint enables its operator to track friendly units. Breadcrumb trails are provided for all friendly units. The speed and bearing of friendly units are displayed on the map.

Neutral Symbols (Green)

Neutral symbols, such as reference points, can be created and sent to all users in the network. Neutral symbols can also be received from RT Tactical Terminals in the operational theatre.

Hostile Symbols (Red)

All Enemy Attack Alert and Counter Insurgence (COIN) reports from RT Tactical Terminals are displayed as hostile symbols on the map. These reports can also be created using RT CommandPoint.

Zones And Events

A rich set of geofencing zone creation tools are available to the operator. The operator is able to define forbidden and saf zones that generate alarm events upon the entry or exit of a friendly unit respectively. Proximity zones can be attached to symbols as well (creates a radius around the selected symbol that triggers upon an entry event). Pre-defined messages can be attached to zones, which are sent when a zone event occurs.

Navigation

RT CommandPoint displays the operator's own speed and bearing on the map in an intuitive manner. Any symbol on the map can be tracked. The distance and bearing to the tracked symbol is provided.

Maps

Each installation includes a comprehensive base map for the user's desired region (custom regions are available). Satellite images are provided up to a scale of 1:70,000. OpenStreetMap layers continue up to a scale of 1:2000. OpenSeaMap Seamarks and GEBCO bathymetry data are overlaid on top of all layers.

Robust & Secure Tactical Data

The AT Communication AG Stack forms the basis of both the RT Tactical Terminals and RT CommandPoint products. It allows the seamless flow of secure digital voice and data through radios or devices fitted with the AT Comms Modem technology.

Voice

RT CommandPoint provides voice call information and voice call control capabilities to the operator. A recent call list and missed call indications are also available to the operator.

Touch Screen Design

The RT CommandPoint user interface has been designed to be used from a touch interface as is commonly found in Tablet PCs. The on-screen keypad and button sizes have been designed to be large enough so as to be easily usable.

Voice

Access to the software is restricted by means of an Access Code. All sensitive data can be erased by selecting the Zeroiz function.

RT CommandPoint Software		
Messaging	Text Messages, SMS, QuickCodes, File Transfer, Template-based Forms, Position push / pull.	
Mapping	Global satellite image base maps included up to scale 1:250,000. Region specific satellite image maps available with scale up to 1:70,000. Region specific vector maps available with scale up to 1:2,000. Maps sourced from ©OpenMapTiles, ©OpenSeaMaps & ©OpenStreetMap.	
Voice Support	Secure Digital and Analogue voice support. Point-to-point (Private Line) or Broadcast calls.	
Operating Systems	Windows 7, 8 and 10	
Minimum System Requirements	256 GB HDD/SDD Storage – Depends upon the desired map region 2GB RAM Memory 10/100 Ethernet Port	Touch screen or Keyboard & Mouse 4:3 Aspect Ratio – Minimum 1024 x 768 pixel display 16:9 Aspect Ratio – Minimum 1280 x 720 pixel display
RT CommandPoint Interfaces		
Software I/F	Command & Control Gateway Interface (Defined in C2_GW_I/F Interface Control Document).	
Display	Optimised for 4:3 or 16:9 aspect ratio displays.	

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