



Features and Benefits

- Situational Awareness, Blue Force Tracking, Command and Control
- Built-In Offline Base Maps: Vector and Image
- Touch-Screen User Interface Design
- Tracklogs, Zones, Alarms
- Messaging: Chat, Email, File Transfer, Template-Based Forms
- Digital Voice Call Establishment
- Interoperability with RT Devices: RT1, RT3, RT5 and RT7
- Secure Digital Voice Support
- Access Control
- Multi-Network: Upper and Lower Network Support

Empowering Commanders

TACPOINT is a situational awareness application that aids commanders on all levels in operational theatre visualisation, 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 command and control, tracking, navigation and coordination.

Multiple Network Interconnect

Commanders often find themselves having to command a lower network whilst having to report to an upper-level network. *TACPOINT* facilitates this by allowing connection to two separate *RT* device networks with optional automatic route-through for information such as a blue force positions.

Situational Awareness

FRIENDLY SYMBOLS (BLUE)

TacPoint enables its operator to track friendly units. Track log 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 position reports from **RT Tactical Terminals** are displayed as hostile symbols on the map. These reports can also be created using **TacPoint**.

COUNTER INSURGENCE SYMBOLS (PURPLE)

All Counter Insurgency (COIN) reports from **RT Tactical Terminals** are displayed as COIN symbols on the map. These reports can also be created using **TacPoint**.

Attack and Emergency Alerts

RT Tactical Terminals can transmit attack and emergency QuickCode alerts. These alerts are drawn as friendly symbol modifiers on the **TacPoint** map.

Zones and Events

A rich set of geofencing zone creation tools are available to the operator, who is able to define forbidden and safe zones that generate alarm events upon the entry or exit of a friendly unit. Proximity zones can be created around symbols. Pre-defined messages can be defined and sent when a zone event occurs.

Navigation

TacPoint 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.

Messaging

TacPoint users can easily communicate via threaded chat messages. Files can be transferred and even emails can be composed.

A collection of template-based forms provide an easy structured way to send reports such as ATTACK ALERT, CASEVAC, MEDEVAC, SITRAP, OBSREP, METREP, COIN ALET, LZ REP and many more.

Delivery status of messages are indicated to the user.

Voice Support

TacPoint 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. By default, voice has priority over data.

Touch Screen Design

The **TacPoint** 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.

Security

Access to the software is restricted by means of an access code.



TacPoint Software	
Command and Control	VOICE: Secure Digital and Analogue Call Creation, Answer and Status Information POSITIONS: Point Creation and Position Push, Blue Force Position Push and Pull MESSAGING: Text Messages, SMS, QuickCodes, File Transfer, Template-Based Forms VISUALIZATION: Tracklogs, Zones – Safe and Danger, Proximity Alarms RADIO NETWORK: Activity Indication, RX and TX Data Type Indication. Multiple Network Support Option (Upper/Lower Nets)
Mapping	IHO Publication S-52 and S-57 ENC Maps Support. Global satellite image base maps included up to scale 1:250,000. Region-specific satellite image maps are available with a scale up to 1:70,000. Region-specific vector maps are available with a scale up to 1:2,000. MBTiles Format. Maps partially sourced from OpenMapTiles®, OpenSeaMaps® and OpenStreetMap®.
Voice Support	Secure Digital and Analogue Voice Support. Point-to-Point (Private Line) or Broadcast Calls.
Operating Systems	Windows 7, 8, 10 and 11, Linux
Minimum System Requirements	512 GB HDD/SDD Storage – Depends Upon the Desired Map Region(s) 8GB RAM Memory 10/100 Ethernet Port - Interface to One or Two Different RT Devices Touch Screen or Keyboard and Mouse 4:3 Aspect Ratio – Minimum 1024 x 768 Pixel Display 16:9 Aspect Ratio – Minimum 1280 x 720 Pixel Display

Ordering Information	Stock Number	Description
TacPoint Software V4	RAP-PC-C2SWCVE4	PC S/W: TacPoint, UM EN V4

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