COMMANDPOINT XL

Large Overhead Display

Operator Console

FEATURES & BENEFITS:

- o Command Centre visualization
- o Dual-display support
- o Operator console and overview map
- o Situational Awareness satellite and vector mapping
- o Messaging over HF & V/UHF networks
- o Message Compression, Resumption, Prioritization, Delivery Notification
- o Network Gateway functionality: Email & GSM SMS
- o Multiple Gateway IP interconnect routing

Command Centre Application

COMMANDPOINT XL is a Command Centre application that aids Commanders in operational theatre overview visualization and well as providing a directed voice and chat communication terminal.

COMMANDPOINT XL allows a command team to view the latest position information of forces and provides the ability to quickly and easily communicate with these forces, either via Secure Voice or via robust messaging.

Additionally, **COMMANDPOINT XL** can act as a messaging Gateway between radio networks and fixed networks, allowing emails to be routed from the radio network to the fixed network. **COMMANDPOINT XL** also supports the Multiple-Gateway capability to connect to and route messages to other CommandPoint XL or GatePoint nodes.

COMMAND & CONTROL: BASE TO FRONTLINE

RapidM

CommandPoint XL Basics

CommandPoint XL provides a combination of a messaging interface, which can be operated from one display together with a situational awareness mapping interface that can be viewed by the command team on a separate, large display.

Messaging Functionality

CommandPoint XL provides an easy-to-use messaging interface that allows operator to operator chat and file transfer to other users on *RT* Terminal or Modem devices on the radio network.

Situational Awareness Functionality

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.
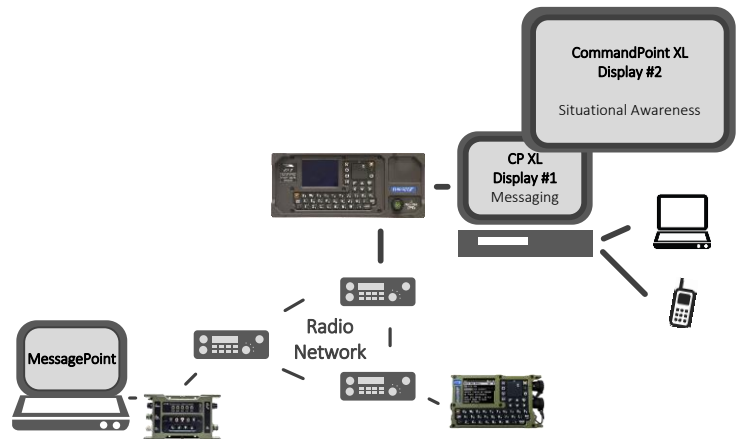
Gateway Functionality

CommandPoint XL can bridge the RF network with the GSM network and the local intranet IP network. This allows users with *RT Terminals* to exchange SMS messages with mobile phones and emails with standard email addresses. It also allows other GatePoint or CommandPoint XL nodes on the network to interconnect to greatly enhance network connectivity and data routing capability.

CommandPoint XL Advantages

- Built-in Offline Base Maps: Vector and Image overlaid
- Tracklogs, Zones, Alarms, Position push & pull
- Reliable delivery using Automatic Repeat reQuest (ARQ) protocols
- Address book of radio network email users
- Automatically retry and resume of unsent messages
- Message compression and JPG image resizing
- Message delivery status logging & viewer
- Ease of use, configuration and installation
- Message delivery progress indication
- Network Gateway Functionality

CommandPoint XL Diagram

COMMANDPOINT XL SOFTWARE			
COMMAND & CONTROL	**VOICE:** Secure Digital and Analogue call creation, answer and status information **POSITIONS:** Point creation & position push, Blue Force position push & pull **MESSAGING:** Email, Text Messages, SMS, QuickCodes, File Transfer, Template-based Forms **VISUALIZATION:** Tracklogs, Zones – safe & danger, proximity alarms **RADIO NETWORK:** Activity indication, RX & TX data type indication		
MAPPING	IHO Publication S-52 and S-57 ENC Maps support. Excludes S-63 encrypted maps. 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 partially sourced from ©OpenMapTiles, ©OpenSeaMaps & ©OpenStreetMap.		
GATEWAY FUNCTION	Interface between Radio Network and Fixed Network (TCP/IP), Multiple Gateway support, GSM SMS Gateway		
VOICE SUPPORT	Secure Digital and Analogue voice support. Point-to-point (Private Line) or Broadcast calls.		
OPERATING SYSTEM	Windows 7, 8 and 10.		
MINIMUM SYSTEM REQUIREMENTS	512 GB Storage. SSD recommended. 8GB RAM Memory 10/100 Ethernet Port	2 Displays with a Minimum Resolution of 1024x768 each Compatible GSM Modem (for SMS gateway functionality) Email Relay Server for email Gateway function: Active Directory, HMail, etc	
COMMANDPOINT XL INTERFACES			
MODEM / RADIO	Ethernet TCP/IP (Data + Modem Control)		
FIXED NETWORK	Ethernet TCP/IP: SMTP, POP3		
MULTI-GATEWAY	Ethernet TCP/IP		
DISPLAY	Multiple display support. Optimised for 4:3 or 16:9 aspect ratio displays.		
SUPPORTED MODEMS	RT7, RT5, RT3		

ORDERING INFORMATION	STOCK NUMBER	DESCRIPTION
PC S/W: COMMANDPOINT XL VER 4	RAP-PC-CXSWCVE4	PC S/W: RT CommandPoint XL, UM EN V4

Distributed by:

Rapid Mobile Pty (Ltd)
Tel: +27 12 349 0000
Fax: +27 12 349 0010
Email: info@rapidm.com
Web: www.rapidm.com

Apex Corporate Park
Quintin Brand Street
Persequor Park
Pretoria, South Africa
0020

RapidM