



FEATURES & BENEFITS:

- Messaging over HF & V/UHF networks
- Chat interface: Broadcast and Point-to-point
- File transfer capability
- External Email Client Interface (POP3, SMTP)
- Message transfer progress indication
- Delivery Notification
- Compression, Resumption, Prioritization
- EMCON support
- Broadcast on all scan list frequencies
- MS Windows® Software Package

FRONTLINE MESSAGING

MESSAGEPOINT messaging interface, together with RT and RA modems and terminals, offers users the ability to send and receive messages and files easily, efficiently and reliably over HF and V/UHF radio links.

MESSAGEPOINT is a Microsoft® Windows® application that allows users to easily communicate by using threaded **Chat Messaging** and **File Transfer** from within the application. Recipients can be selected from an Address Book.

Email is supported via the POP3 & SMTP interfaces. Users can compose emails using well known email clients such as Microsoft® Outlook® and Thundebird™. **MESSAGEPOINT** will ensure they get delivered accurately to other users on the radio network.



RELIABLE MESSAGING

Reliable delivery of crucial information is essential in disaster recovery, operational or tactical environments. **MessagePoint** ensures quick and accurate delivery of messages and files using (Automatic Repeat reQuest) ARQ protocols. Message delivery status notification is provided.

EFFECTIVE CHANNEL USE

All messages and files are sent compressed and delivered in order of assigned priority. **MessagePoint** will automatically retry and resume undelivered or interrupted messages.

MessagePoint will optimise each message: File attachments are compressed and Image files can be optionally resized. This results in smaller transmission sizes and faster delivery.

MULTI-FREQUENCY SUPPORT (ALE) – OPTIONAL

MessagePoint optionally uses the Automatic Link Establishment (ALE) function of the **RT** and **RA** modem to enable efficient multi-frequency operation.

MESSAGE ARCHIVE

MessagePoint provides a time-stamped archive history, which gives the operator an overview of all messages sent and received. The archive allows resending of messages which were not delivered.

RT AND RA TERMINALS AND MODEMS

MessagePoint is designed to support the RT and RA Terminal and Modem range, ensuring 100% messaging interoperability.

EASE OF USE

MessagePoint is designed for maximum ease of use. The installation and configuration is completed with a quick step-by-step wizard.

MessagePoint provides clear indications of network activity including Secure Digital Voice communications, which can be accommodated on the same channel.

PROGRESS AND STATUS

The delivery progress of larger incoming and outgoing messages is displayed on the **MessagePoint** User Interface. This gives the operator a clear view of network activity and transfer throughput.

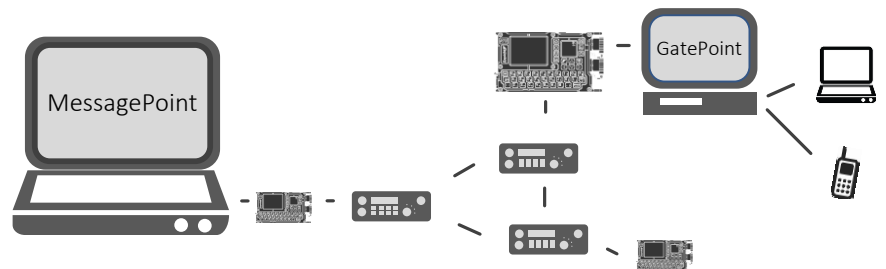
CONFIGURATION

RT and **RA Modems** are configured by using the **System Configuration Software** (SCS). The **SCS** configuration, including the configured Address Book, is automatically transferred from the modem to **MessagePoint**, requiring very little configuration from the operator.

ADDRESS BOOK

Address book functionality has been built into **MessagePoint**: all contacts specified for the network can be viewed, addressed by point-to-point Chat and exported to a file, which can then be imported into compatible email clients for example MS Outlook®.

NETWORK DIAGRAM



MESSAGEPOINT SOFTWARE	
MESSAGING	Chat messaging (threaded broadcast and point-to-point), File Transfer, Email with attachments. Recipient selectable via Address Book. Broadcast to all users, individual users and over all frequencies in the ALE scan list.
VOICE	Secure Digital Voice call support: Initiate, terminate
MODEM CONTROL	ALE (Automatic Link Establishment) ALM (Automatic Link Maintenance) ARQ Data (Automatic Repeat reQuest) Collision Avoidance and Recovery EMCON (Emission Control, Radio TX inhibit) STANAG 4538 (3G) Modem support (RAP1 / RIPC protocol)
OPERATING SYSTEM	Windows® 7, Windows® 8.1, Windows® 10 32-bit and 64-bit
MINIMUM SYSTEM REQUIREMENTS	32 GB HDD/SSD Storage 2GB RAM Memory 10/100 Ethernet Port 1024x768 Screen Resolution Keyboard and Pointer

MESSAGEPOINT INTERFACES	
USER INTERFACE	Address Book, Chat client, Recent chats, Modem status, Network status, Email Inbox & Outbox status User define "Quick Messages", GPS position display
EMAIL CLIENT INTERFACES	POP3 (RFC 1939, excluding APOP) SMTP (RFC 2821, excluding authentication)
MODEM INTERFACES	Remote Control (RS-232, Data + Modem Control) Ethernet (Data + Modem Control)
DEVICES SUPPORTED	RA2, RA7, RT7: Interfaces to MessagePoint via RJ45 Ethernet Cable RA5, RT5: Interface to MessagePoint via P17W Ethernet Cable RAP-CB-0484-ETH RA3, RT3: Interface to MessagePoint via 62IN4P Ethernet Cable RAP-CB-2937-ETH

ORDERING INFORMATION	STOCK NUMBER	DESCRIPTION
MESSAGEPOINT V4 SOFTWARE ONLY	RAP-PC-MPSW-VE4	PC S/W: MessagePoint Email, UM EN V4
MESSAGEPOINT V4 SOFTWARE WITH RX5 CABLE	RAP-PC-MPKP-VE4	PC S/W: MsgPoint, Cable P17W EN V4
MESSAGEPOINT V4 SOFTWARE WITH RX3 CABLE	RAP-PC-MPKA-VE4	PC S/W: MsgPoint, Cable 62IN4P EN V4

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