



SATCOM TacTalk Tactical Messaging Software Application User Guide

[Home](#) » [SATCOM](#) » SATCOM TacTalk Tactical Messaging Software Application User Guide 

Contents

- [1 SATCOM TacTalk Tactical Messaging Software Application](#)
- [2 FEATURES & BENEFITS](#)
- [3 Documents / Resources](#)
- [4 Related Posts](#)

satcom

SATCOM TacTalk Tactical Messaging Software Application



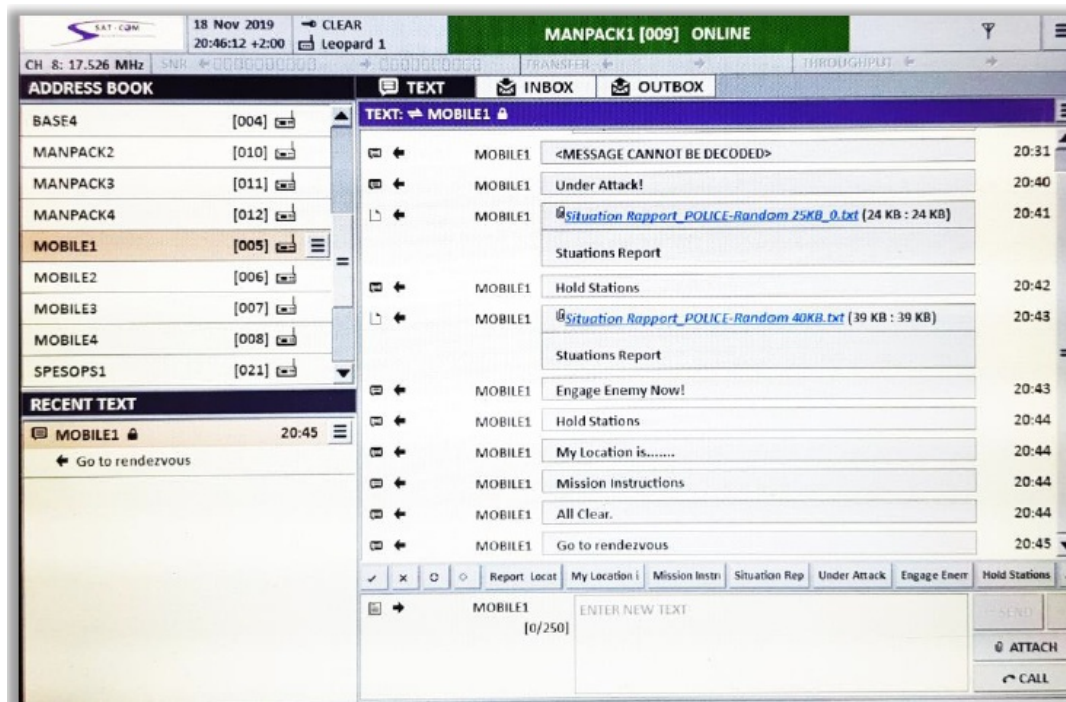
TacTalk Messaging Application: Secure Voice, Chat, File Transfer, Predefined Forms, and E-mail capability for SKU ta ctiOPcaT-I EF-network rocks.

TacTalk – Messaging Application

TacTalk is a tactical VOICE & MESSAGING software Application which provides the ability to make radio calls, send and receive messages and attached files easily, efficiently and reliably over HF and V/UHF radio links in full secure modes.



Suitable for Manpacks with rugged PC Tablets, Vehicular Stations using Rugged Laptops, and Base Stations using Desk top PC with large screens.



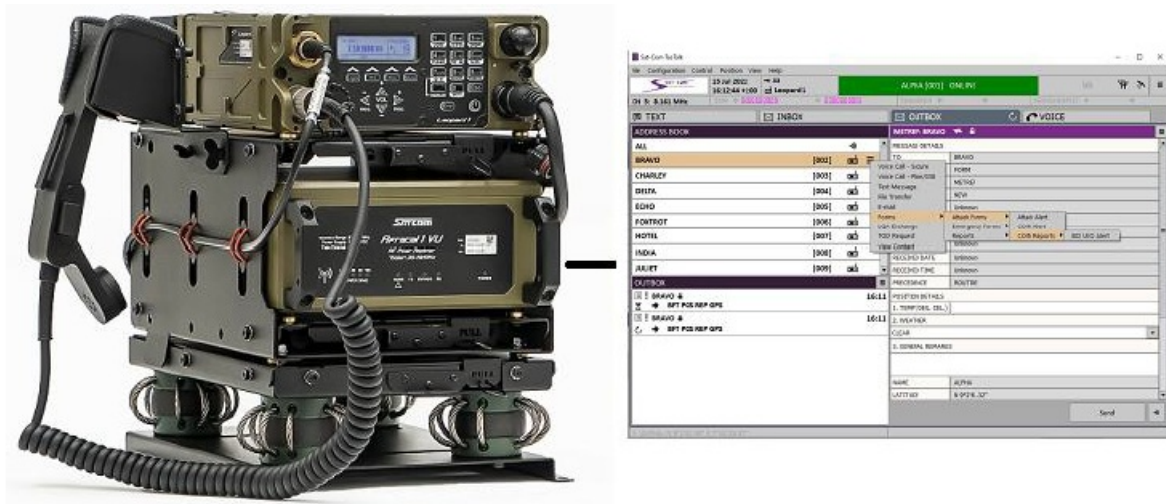
Sending and receiving MISSION INSTRUCTIONS, SITUATION REPORTS & FILES in a secure, quick and uncomplicated way.

FEATURES & BENEFITS

- Messaging over HF & V/UHF networks
- Broadcast and Point-to-point on File transfer capability
- Callsigns can be selected from an Address Book.
- External Email Client Interface (POP3, SMTP)
- Message transfer progress indication
- Successful Delivery indication & Notification
- Compression, Resumption, Prioritization
- EMCON support
- Broadcast on all scan list frequencies
- Interface seamlessly with TacTalk+ SA Application.
- Interface Voice Calls and TEXT seamlessly with radios without TacTalk application.
- MS Windows® Software Package

FRONTLINE MESSAGING

- TacTalk is a Microsoft® Windows® application which allows operators to communicate rapidly and securely by using threaded Chat Messaging and File Transfer from within the application.
- Users can compose emails using well known email clients such as Microsoft® Outlook® and Thundebird™. TacTalk will ensure they get delivered accurately to selected Call Signs on the radio network.
- Messages and Voice calls between TacTalk+ to TacTalk enabled as well as radios without either is seamless.
- Complete record of messages for saving or printing.
- Tracking in TacTalk+ of any TacTalk enabled as well as radios or terminals without TacTalk is seamless.
- Pre-defined forms speed up tactical correspondence.



RELIABLE MESSAGING

Reliable delivery of crucial information is essential in disaster recovery, operational or tactical environments. TacTalk 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. TacTalk will automatically retry and resume undelivered or interrupted messages. TacTalk 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

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

MESSAGE ARCHIVE

TacTalk 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

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

EASE OF USE

TacTalk is designed for maximum ease of use. The installation and configuration are completed with a quick step-by-step wizard. TacTalk 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 TacTalk User Interface. This gives the operator a clear view of network activity and transfer throughput.

CONFIGURATION

The TacTalk Network is configured using the sat-Com Mission Plan Application. The Network design, Frequencies, Call Signs (Address Book) is automatically transferred from the modem to TacTalk, requiring very little configuration from the operator.

ADDRESS BOOK

Address book functionality has been built into TacTalk: 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®.

TacTalk APPLICATION			
MESSAGING	VOICE: POSITIONS: MESSAGING: VISUALIZATION: RADIO NETWORK:	Secure Digital and Analogue call creation, answer and status information Co-Ordinates can be distributed or pulled in TEXT Text Messages, SMS, QuickCodes, File Transfer, Template-based Forms Message History can be save and printed. Activity indication, RX & TX data type indication	
VOICE SUPPORT	Secure Digital and Analogue voice support. Point-to-point (Private Line) or Broadcast calls.		
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 / RI PC protocol)		
OPERATING SYSTEMS	Windows 7, 8, 10 and 11 on 32 and 64-bit systems.		
MINIMUM SYSTEM REQUIREMENTS	32 GB HDD/SDD Storage 8GB RAM Memory RS232 Serial + 10/100 Ethernet Port	Touch screen or Keyboard & Mouse 4:3 Aspect Ratio – Minimum 1024 x 768 pixel display	
MODEM / RADIO	Address Book, Chat client, Recent chats, Modem status, Network status, Email Inbox & Outbox status User define “Quick Messages”, GPS position display		
MODEM / RADIO	Serial RS232 / Ethernet TCP/IP* for Data and Modem Control.		
DEVICES SUPPORTED	RA2, RA7, RT7: Interfaces to TacTalk via RJ45 Ethernet Cable RA5, RT5: Interface to TacTalk via P17W Ethernet Cable RAP-CB-0484-ETH RA3, RT3: Interface to TacTalk via 62IN4P Ethernet Cable RAP-CB-2937-ETH		
LICENSE	Unlimited Once lifetime TacTalk License per each Modem	ORDER INFO:	SKU# OPT-EF-TT

Tel: +264-61-374700

Fax: +264-61-251615

Email: sales@sat.com.na

2 Jakaranda Street Suiderhof Windhoek, Namibia

Documents / Resources



[SATCOM TacTalk Tactical Messaging Software Application](#) [pdf] User Guide
TacTalk Tactical Messaging Software Application, TacTalk Tactical Messaging Application, TacTalk, Tactical Messaging Software Application