



HF MESSENGER™ SOFTWARE APPLICATION

GLOBAL CONNECTIVITY

Stay connected while outside the network

Efficiently establishing and maintaining data and voice communications are critical in today's Beyond Line of site communications. The Collins Aerospace HF Messenger™ software application for email and Internet Protocol (IP) data communication via HF radio enables global HF data communication networks and provides connectivity between wireless HF networks and wired ground networks. HF Messenger establishes and maintains mobile-to-mobile, mobile-to-ground, ground-to-mobile or ground-to-ground network configurations, providing the most versatile HF infrastructure possible.

HF Messenger with the STANAG 5066 based protocols enables operation with other STANAG 5066 applications and equipment

with a common standard providing interoperability so you are not locked into a single application or hardware provider.

By using this standard for communications, HF Messenger allows remote HF users to connect to ground IP infrastructure providing easier data transfer capabilities. This allows for easier integration of e-mail, chat, file transfer and other applications into an HF based network. When integrated with other Collins Aerospace products, HF Messenger provides users with a robust communication system.

HF Messenger provides device drivers for use with many Collins Aerospace radios and modems as well as alternate vendor equipment.

KEY FEATURES AND BENEFITS

- Joint Interoperability Test Command (JITC) certified STANAG 5066 compliant
- IP client provides the transfer of IP data via HF radio
- Approved for HFGCS (SCOPE Command) SIPRNET access
- Transmits and receives text and image files up to 9600 bps on a single HF channel
- Supports standard encryption for secure communications
- Interoperable with existing HF radios
- HF email connectivity runs on personal computer or laptop with commercial email clients
- Microsoft® Windows® 10

PART NUMBERS

Type number	Description	Part number
HF Messenger v3.7	Software with manual for Department of Commerce exportability	984-2438-006
HF Messenger v3.7	Software with manual for Department of State exportability	984-0974-011v



ADDITIONAL FEATURES

- Includes installation wizard for easy setup
- Broadcast, multi-cast or point-to-point using ALE or fixed frequency
- Serves as gateway from remote platform LANs to the internet
- Robust and efficient data transfer through:
 - Message suspend and resume
 - Automatic link maintenance
 - Adaptive data rate



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