

HF Messenger™



Log on to global connectivity via thin air.

Efficiently establishing and maintaining data and voice communications is of critical importance in today's battlespace. Rockwell Collins HF Messenger™ software application for e-mail and Internet Protocol (IP) data communication via HF radio enables global HF data communications 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.

Our system connects remote platforms with the Internet allowing mobile stations to communicate between mobile platforms. HF Messenger also serves as a gateway to bring computer network connectivity to systems outside the HF network. When integrated with other Rockwell Collins products, the HF Messenger provides users with a robust communication system. Integration of a Rockwell Collins Q9604 modem boosts data throughput to an industry-leading 64 kbps data rate (four channels: optimum seawave conditions) or 38.4 kbps (four channels: optimum skywave conditions).

HF Messenger provides device drivers for use with many Rockwell Collins radios and modems as well as alternate vendor equipment. See the HF Messenger parameter/features table (included in System Designer's Guide available from HF Messenger Systems Engineer) for a list of current drivers at the time of the printing of this document.

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KEY BENEFITS:

- Joint Interoperability Test Command (JITC) certified STANAG 5066 compliant
- Internet Protocol (IP) client provides the transfer of IP data via HF radio
- Error-free transmission using the NATO STANAG 5066 protocol
- 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

KEY FEATURES

- HF e-mail connectivity runs on personal computer (PC) or laptop with commercial e-mail clients (e.g. Microsoft® Outlook Express, Outlook, Mozilla Thunderbird, Eudora, and others)
- Microsoft® Windows® 2000, XP, and 2003 server compatible
- Includes installation wizard for easy set-up
- 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

PART NUMBERS

Type Number	Description	Part Number
HF Messenger™ v3.7	Software with manual for Department of Commerce (DOC) exportability	984-2438-006
HF Messenger™ v3.7	Software with manual for Department of State (DOS) exportability	984-0974-011

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Rockwell Collins delivers smart communication and aviation electronics solutions to customers worldwide. Backed by a global network of service and support, we stand committed to putting technology and practical innovation to work for you whenever and wherever you need us. In this way, working together, we build trust. Every day.

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