![L3HARRIS™ FAST. FORWARD.]

RF-6760W

Wireless Message Terminal

The RF-6760W Wireless Message Terminal (WMT) is a Microsoft Windows®-based software application designed to integrate with standard messaging clients for email sharing over a variety of mediums including wideband HF and other radio waveform protocols.

The software is compatible with Microsoft Exchange® and can operate as a standalone server for up to 20 mailboxes.

WMT supports the NATO STANAG 5066 interoperability standard for coalition support and provides enhanced throughput capabilities for next-generation wideband HF technologies.

WMT offers email routing capabilities including store-and-forward and alternate path retries. This allows messages to get through by supporting the use of multiple WMT paths to overcome failures.

When a link is disconnected during the transfer of an email, the RF-6760W resume feature allows messages to continue from the point of failure, which is particularly useful when sending large messages under variable channel conditions.

FLEXIBLE, AUTOMATED EMAIL MESSAGING

KEY BENEFITS

> Fully automated email messaging with forwarding over a variety of mediums

> Compatible with Windows® email programs

> Supports messaging through wideband HF and numerous radio waveform protocols

> Standalone server for up to 20 mailboxes

> Store-and-forward technologies ensure message delivery

GENERAL

Encryption	Off-line, end-to-end (i.e. S/MIME, PGP), encryption embedded in radios, in-line encryption using several external cryptos
Logging/Archiving	Incoming and outgoing messages, radio and modem activities
Message Management	Automatic resend of messages over alternate paths and media, configurable transmission times, random retry period for message retry, message ganging to same location, resume failed message transfer
Image Processing	Zoom, crop, rotate, color/brightness adjust, histogram equalization, image annotations, symbol overlays
Image Formats	L3Harris wavelet, JPEG, BMP, MAC, TIF, PNG

MINIMUM PC REQUIREMENTS

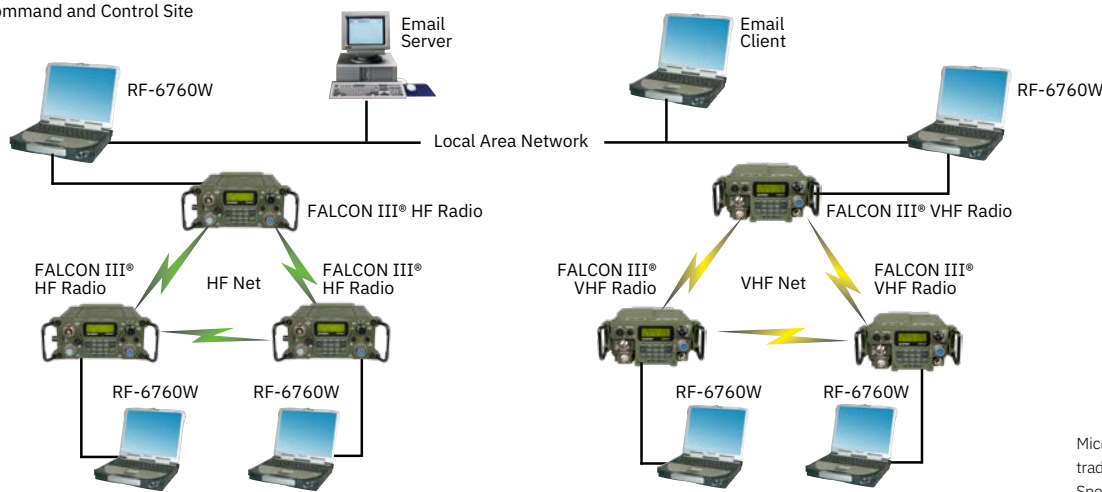|	
CPU	CPU Pentium 1.4 GHz (dual core) or better
RAM	2 GB or more
Hard Disk	80 GB
Operating System	Windows 7 Professional Edition SP1 (32 & 64 bit, English) Windows 8.1 Profession Edition (32 & 64 bit, English) Windows 10 Professional Edition (32 & 64 bit, English) Windows 2008 Server SP2 (32 & 64 bit, English) Windows 2008 Server R2 SP1 (64 bit, English) Windows 2012 Server R2 (64 bit, English) Windows 2012 Server (64 bit, English)
Mail Server	MS Exchange Server 2010 SP1/SP2 (English) MS Exchange Server 2007 SP1 (English) Gateway functionality requires SMTP/POP3 mail server on RF-6760W PC or on Local Area Network

MINIMUM PC REQUIREMENTS

Others	Asynchronous serial port (two ports with external modem), Ethernet adapter, or the RF-6800-AD XX USB Radio Data Adapter (URDA) cable can be used in lieu of legacy/obsolete Synchronous adapter PCMCIA cards

L3HARRIS EQUIPMENT INTERFACE

Radios	AN/PRC-117G, AN/PRC-117F, AN/PRC-150(C), AN/PRC-152(C), AN/PRC-152A, AN/PRC-160, AN/PRC-163, AN/PRC-167(V), RF-5800H, RF-5800M, RF-5800M-HH, RF-5800V, RF-5800V-HH, RF-7800H, RF-7800M
HF Modems	RF-5710, RF-5710A

APPLICABLE STANDARDS

Local Area Networking	TCP/IP
Automatic Link Establishment	MIL-STD-188-141B, STANAG 4538
HF Modem	MIL-STD-188-110B, MIL-STD-188-110A, STANAG 4539, STANAG 4538
HF Data Links	STANAG 5066 Edition 3, STANAG 4538 (if embedded in radio), FED-STD-1052 (if embedded in radio)
LOS Data Links	STANAG 5066 Edition 3
Mail Client/Server Interface	SMTP, POP3

ORDERING INFORMATION

RF-6760W-XXEN	CD Media
RF-6760W-03EN	03 for a Synchronous radio interface (no Synchronous card included)
RF-6760W-05EN	Includes WMT with HF USB adapter
RF-6800-AD XX USB Radio Data Adapter (URDA) cable can be used in lieu of legacy/obsolete Synchronous adapter PCMCIA cards	
RF-6800-AD018	18-Pin adapter cable - HF
RF-6800-AD027	27-Pin adapter cable - HF
RF-6800-AD032	32-Pin adapter cable - Falcon III® HH/MCMP
RF-6800-AD132	32-Pin adapter cable - LOS, international radios

Sample Application
Command and Control Site

Email Server

Email Client

RF-6760W

RF-6760W

Local Area Network

FALCON III® HF Radio

FALCON III® VHF Radio

FALCON III® HF Radio   HF Net   FALCON III® HF Radio

FALCON III® VHF Radio   VHF Net   FALCON III® VHF Radio

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