

# TactiLink

## Manned Airborne Relay (MAR)



TACTILINK MAR , a Special Operations Command Combat proven voice relay of Command and Control (C2) communications over an operational area where line of sight (LOS) radio communications is likely to be obstructed by terrain or buildings. The TACTILINK MAR provides a total of 8 combat nets using UHF and VHF via 8 PRC-152 E radios. TACTILINK MAR extends the battle-staff positions by extending the network over either the INMARSAT Viper or Ku Band Spread Spectrum using the aircraft as a relay platform. The TACTILINK MAR also provides capabilities to conduct en-route mission situational awareness (SA) and planning. The system is transported on US Air Force C-130, C-17 and PC-12 aircraft. TACTILINK MAR incorporates a WAVE solution for radio control. System options include hatch mount antenna systems for various aircraft platforms, and spares kit for essential equipment.

**Tactical Communications is Developing the Future for those at the  
"Tip of the Spear"**

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CORPORATION  
*Intelligence, Surveillance, and Reconnaissance*

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### Specifications

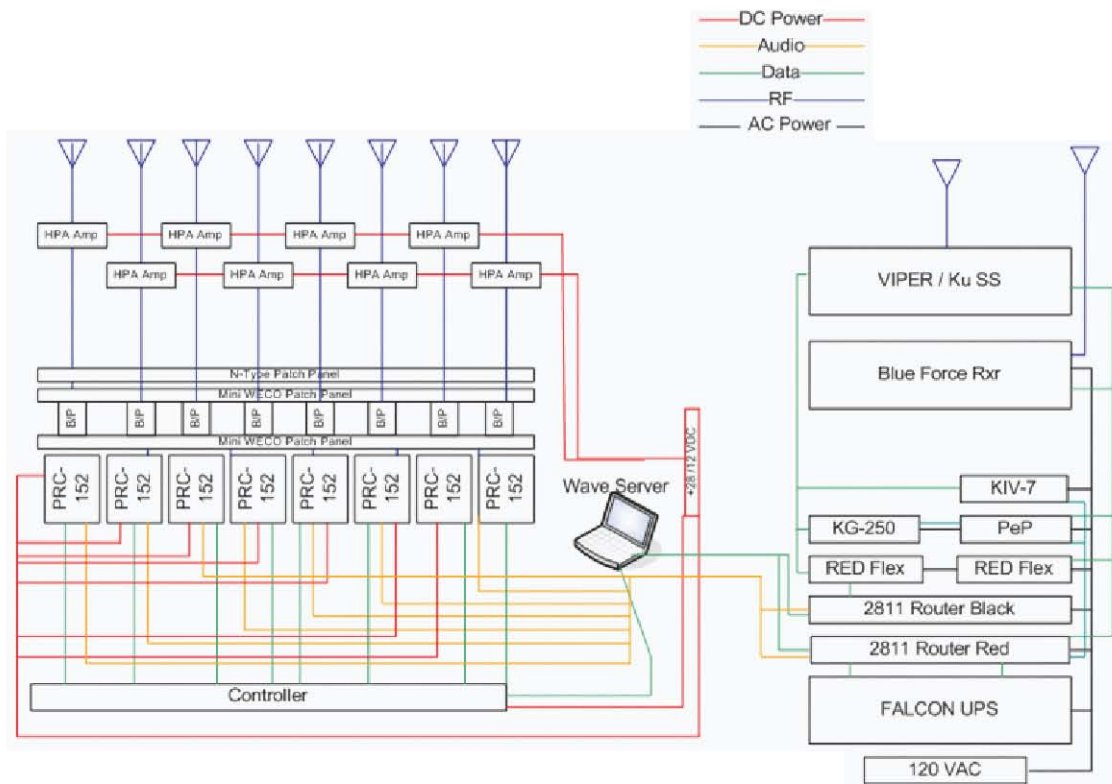
#### Characteristics

- Self contained RF and IP systems
- Includes 8 Harris PRC-152E Radios
- 8 LOS or 8 SATCOM
- (Configurable to SATCOM or LOS)
- HPW capable—SCA JTRS Radio
- Cisco 2811 router
- 10 each RAMP-25 Amplifiers for SATCOM /LOS
- Connected to Viper or KuSS
- Supports WAVE simultaneously
- Integrated WAVE solution for radio control
- Designed for use on US Air Force C-130, C-17 and PC-12 aircraft

#### Physical Characteristics

- Weight: Case 1 RF 115 lbs / Case 2 IP 75 lbs
- Power: 120 AVC 400Hz IP case / 28 VDC RF Case
- Size: Case 1 3.5 cube / Case 2 4.5 cube

MAR



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