HUNTR

TDL Hub and Network Translator

LINK 16 • VMF • CoT • JREAP-C • SADL • CESMO

TCG

SEAMLESS MULTI-LINK INTEGRATION

HUNTR™ (TDL Hub and Network Translator) is an intelligent translation gateway for multiple Tactical Data Links.

HUNTR supports automatic routing, forwarding, and translation of J-Series, K-Series, CoT, and CESMO messages. HUNTR also automates processing and translation of multiple, simultaneous Digitally-Aided Close Air Support (DACAS) missions between ground JTAC kits equipped with VMF or CoT radios and air/land/sea Link 16 assets. HUNTR automatically converts VMF 9-lines into multiple Link 16 messages and automatically updates and maintains Link 16 PPLI and Surveillance tracks and Command and Control (C2) messages. HUNTR supports the following data link protocols and associated terminals/radios.

LINK 16

- J message MIL-STD 6016 C, D, E, F
- MIL-STD 6020 Data Forwarding
- JREAP-C MIL-STD 3011 Revisions A, B, C

VMF

- K message MIL-STD 6017 A, B
- MIL-STD 2045-47001 B, C, D CN1
- MIL-STD 188-220 C, D CN1
- ECP-1, ECP-2, ECP-11
- UDP over IP and IP waveforms
- Automatic multi-stack management

CURSOR ON TARGET (COT)

- CoT v2.0 schema including platform-specific enhancements
- UDP Multicast, Unicast, and Smartphone CoT Server mode (multi-unicast)
- Any radio, tablet, or smartphone that supports IP transmission/reception of CoT messages

CESMO (COOPERATIVE ESM OPERATIONS)

- CESMO X1 protocol
- Legacy CESMO AEDP-13 protocol
- UDP over IP and IP waveforms
- MIL-STD 188-220 C, D CN1

SUPPORTED RADIOS & KITS

- Link 16 Terminals
  - MIDS LVT-1 Family (1553 and Ethernet)
  - MIDS LVT-2 Family
  - MIDS LVT-3 FDL
  - MIDS JTRS
  - Rockwell Collins TacNet Tactical Radio (TTR) 1553 and Ethernet
  - ViaSat MOJO
  - ViaSat BATS-D (AN/PRC-161)
  - ViaSat Small Tactical Terminal (STT)
- SADL EPLRS and SADL MicroLite
  - Gateway and Generic Host modes
- Harris Falcon III
  - AN/PRC-117, AN/PRC-152, AN/PRC-158
- Rockwell Collins ARC-210
- Any Combat Net Radio (CNR) and radios that support IP waveforms
- THSv2, A-PASS, ATAK, WINTAK, KILSWITCH, etc.

ADDITIONAL SUPPORT

Harris SA

KML, KMZ

* Available in both HW/SW and SW-only configurations
* Patent Pending

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