Maritime Portable Data Link (MPDL)

MPDL is a ruggedized, maritime, Ku-band, medium range (60 to 80 nm), Common Data Link (CDL) terminal that provides real-time exploitation data of aircraft sensors, extending situational awareness beyond the horizon. This portable system is easily deployed on ships or ground-based installations with minimal installation and setup requirements.

Key Features
- Low-cost, highly capable CDL data link
- Interoperable with fielded CDL ISR platforms: P-3, P-8A, MH-60R, MQ-4C and MQ-8B
- Flexible antenna configuration
- Operational performance in turbulent sea conditions (Sea State 3)
- Low radar cross-section antenna packaging
- Flexible networking capability
- U.S. and international encryption capabilities
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Product Description

MPDL can be used as either a traditional point-to-point Common Data Link (CDL) surface terminal or as a spoke in a fully networked communication architecture. It is fully ruggedized and designed for harsh environments, both maritime and land-based. It’s been installed aboard the U.S. Navy Guided Missile Destroyer DDG as well as in extreme outdoor environments. MPDL provides real-time, full-motion video and network connectivity with airborne assets critical for situational awareness. MPDL is capable of a wide variety of waveforms to facilitate maximum interoperability with existing airborne platforms.