



Multifunctional Information Distribution Systems (MIDS) Program Office PMA/PMW 101



Our Program

PMA/PMW 101 is comprised of the MIDS International Program Office (IPO), MIDS Joint Tactical Radio Systems (JTRS), Advanced Tactical Data Links, and the Link 16 Waveform Programs. PMA/PMW 101 develops, produces, and sustains tactical data link products and waveforms, including Link 16 and Tactical Targeting Network Technology (TTNT), that achieve interoperability through common waveforms and message sets.

Our Mission

To rapidly develop, field, and support world-wide interoperable and secure adaptive networking capabilities to ensure sustained tactical data superiority for the joint, coalition, and international warfighter.



MIDS International Program Office (IPO)

The MIDS International Program Office is made up of five countries: France, Germany, Italy, Spain, and the United States. All five nations work towards one mission: to develop, field, and support interoperable, affordable and secure MIDS tactical data link and programmable networking technologies and capabilities for the joint, coalition, and international warfighters.



MIDS Joint Tactical Radio Systems (JTRS)

MIDS JTRS terminal was built as a multi-channel, software-defined variant of MIDS-LVT. MIDS JTRS terminals provides Link 16 Concurrent Multi-Netting (CMN-4) and TTNT. MIDS JTRS is a multi-domain terminal that is capable of being integrated into air, ground, and maritime platforms.



Link 16

A standardized communications system used by U.S., NATO, and coalition forces for transmitting and exchanging real time tactical data. MIDS maintains Link 16 as the Navy's critical architectural backbone for communication and data transfer that extends from shore to air to sea.

MIDS Low Volume Terminal (LVT)

MIDS-LVT was developed as a pre-planned hardware-defined radio for improvement of the JTIDS Class 2 terminal. It provides a Link 16 capability for space and weight constrained platforms.

Cooperative Development



The MIDS-LVT program is a DoD role model for flexible acquisition and contracting strategy focused on competition and affordability that allows the program to grow more efficiently.

Tactical Targeting Network Technology (TTNT)

A secure and robust IP-based waveform that delivers the fastest ad hoc mesh network at the tactical edge. TTNT delivers additional capabilities that provide critical platform connectivity, throughput, and netted sensors applications within challenging operational scenarios and theaters.

Force Modernization

The Force Modernization team performs Link 16 and TTNT Lead Service activities that include providing analysis on modernization strategies, support to MIDS terminal fielding/integration, waveform governance, and fleet introduction training. The team also supports fleet platform planning and utilization of MIDS capabilities using model and simulations as well as demonstrations and exercises.

MIDS Foreign Military Sales (FMS)

The MIDS FMS division acquires and delivers MIDS-LVT, MIDS JTRS, and Small Form Factor Link 16 terminals, and associated articles and services, to 58 nations and NATO. Emphasizing advanced capabilities, the goal of the FMS program is to expand and enhance Link 16 interoperability between the U.S. and its allies and coalition partners around the world.

