



AMDDTF

Space & Missile Defense Command Future Warfare Center
Air & Missile Defense Developmental Testing Facility



Summary

- Robust developmental test environment
- Joint interoperability testing
- Certified system
- Subject matter expertise on site
- Collated assessment

AMDDTF is wholly dedicated to leading the discovery, development and integration of war fighting technologies for air and missile defense forces.

The Space and Missile Defense Battle Laboratory, Air and Missile Defense Developmental Test Facility consist of an integrated suite of hardware and software configured to support various tactical and or strategic command and control architectures. The environment is configurable to provide a designated system under test with live, playback, and simulated data feeds that allow the evaluation to be as close to operational conditions within a controlled environment.

Space & Missile Defense Command Future Warfare Center Air & Missile Defense Developmental Testing Facility

The Air and Missile Defense Developmental Testing Facility (AMDDTF) is a facility that provides a robust environment to conduct test and evaluation on tactical and strategic communications as well as command, control, computer, and intelligence (C3I) applications for air and ground based missile defense systems. The backbone of the system is the Missile Defense Agency (MDA) common toolset, the Network Systems Integration and Test Environment (NSITE) developed by the U.S. Army, Software Engineering Directorate (SED).

Using a modular configuration of network equipment (routers, switches, and encryption devices) AMDDTF can support a myriad of architectures to emulate or simulate the operational environment proposed for the system under test. AMDDTF with NSITE v1.x is authorized to operate at the SECRET/FRD level and will maintain all Information Assurance controls in accordance with Mission Assurance

Category (MAC) I system and at the High Confidentiality Level IAW DODI 8500.2.

AMDDTF is hardware in the loop facility that provides the developmental test community an environment to evaluate and assess the documented requirements of the system under test. Using the integrated analytical tools for assessment and evaluation AMDDTF can effectively test and evaluate multiple tactical/strategic communication links.

AMDDTF is resident in the Army Information Assurance Certification and Accreditation Tracking Database (C&A TdB), as well as the Army Portfolio Management Solution Database (APMS). AMDDTF is a registered user on the Joint Mission Environment Testing- Capability (JMET-C) backbone leveraging the Secure Defense Research & Engineering Network for site connectivity.



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