



TIMC

Technical Interoperability and Matrix Center



Summary

- Serves as a focal point for Space and IAMD technical integration and interoperability
- Integrates both Army and Joint Future Force programs and activities
- Provides weapons systems interoperability analysis using the Joint Interoperability Assessment Model
- Focuses technology development and exploits existing technologies and concepts to enhance and advance our current and future forces Space and IAMD warfighting capabilities
- Provides oversight of SMDC/ARSTRAT matrix personnel

The Technical Interoperability and Matrix Center (TIMC) integrates technical and operational requirements with materiel developers, improves interoperability for warfighters, advances Space and Integrated Air and Missile Defense (IAMD), and provides oversight for U.S. Army Space and Missile Defense Command/Army Forces Strategic Command (SMDC/ARSTRAT) matrix personnel.

TIMC is a major subordinate element of the SMDC/ARSTRAT Research, Development and Acquisition (RDA) organization. This office is the Army's focal point for technical integration and interoperability for Space and IAMD. The TIMC integrates technical and operational requirements with materiel developers to improve interoperability for our joint and coalition warfighters and advance Space and IAMD. The TIMC also provides oversight for SMDC/ARSTRAT matrix personnel.

The Technical Interoperability and Matrix Center (TIMC) is a major subordinate element of U.S. Army Space and Missile Defense Command/Army Forces Strategic Command (SMDC/ARSTRAT) Research, Development and Acquisition (RDA) organization. This office serves as the Army's focal point for the technical integration and interoperability for Space and Integrated Air and Missile Defense (IAMD). The broad charter of TIMC is to integrate technical and operational requirements with materiel developers, improve interoperability for our joint and coalition warfighters, advance Space and IAMD, and provide oversight for SMDC/ARSTRAT matrix personnel.

Development of an interoperable operational battlespace picture is a joint service initiative to evolve one single picture of the battlespace that allows warfighters to view both friendly and enemy force locations and enable joint fires operational planning, coordination, and execution. It will project combined data from a variety of sensors for Space and IAMD missions and increase the effectiveness of the family of systems (FoS) by expanding the battlespace, enhancing combat identification, promoting missile conservation, allowing for continuous tracking and remote target engagements, and minimizing collateral damage and fratricide. The interoperable operational battlespace picture will enhance our forces' ability to execute battle management, fire support, counter-fire, logistics, and intelligence across all levels of command.

- The TIMC coordinates and synchronizes the Army's interoperability requirements that support the development of the joint battlespace picture.

- The TIMC is the support and subject matter expert for the Army joint network-centric battlespace warfighting initiatives such as the Single Integrated Air Picture (SIAP), the Single Integrated Ground Picture (SIGP), and the Family of Interoperable Operating Pictures (FIOP).
- The TIMC provides interoperability analysis of joint integrated weapons systems.
- The TIMC is developing the Advanced Extended Range Attack Missile (AERAM), which enables cost-effective, extended range engagements where visual identification is required.
- The TIMC focuses technology development and exploits existing technologies and concepts to enhance and advance our current and future forces Space and IAMD warfighting capabilities. An example of this exploitation is the Low Cost Interceptor initiative which is integrating existing and near-term hardware into a low cost, long range and adjunct cruise missile defense capability.
- The TIMC provides oversight for SMDC/ARSTRAT matrix personnel.



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