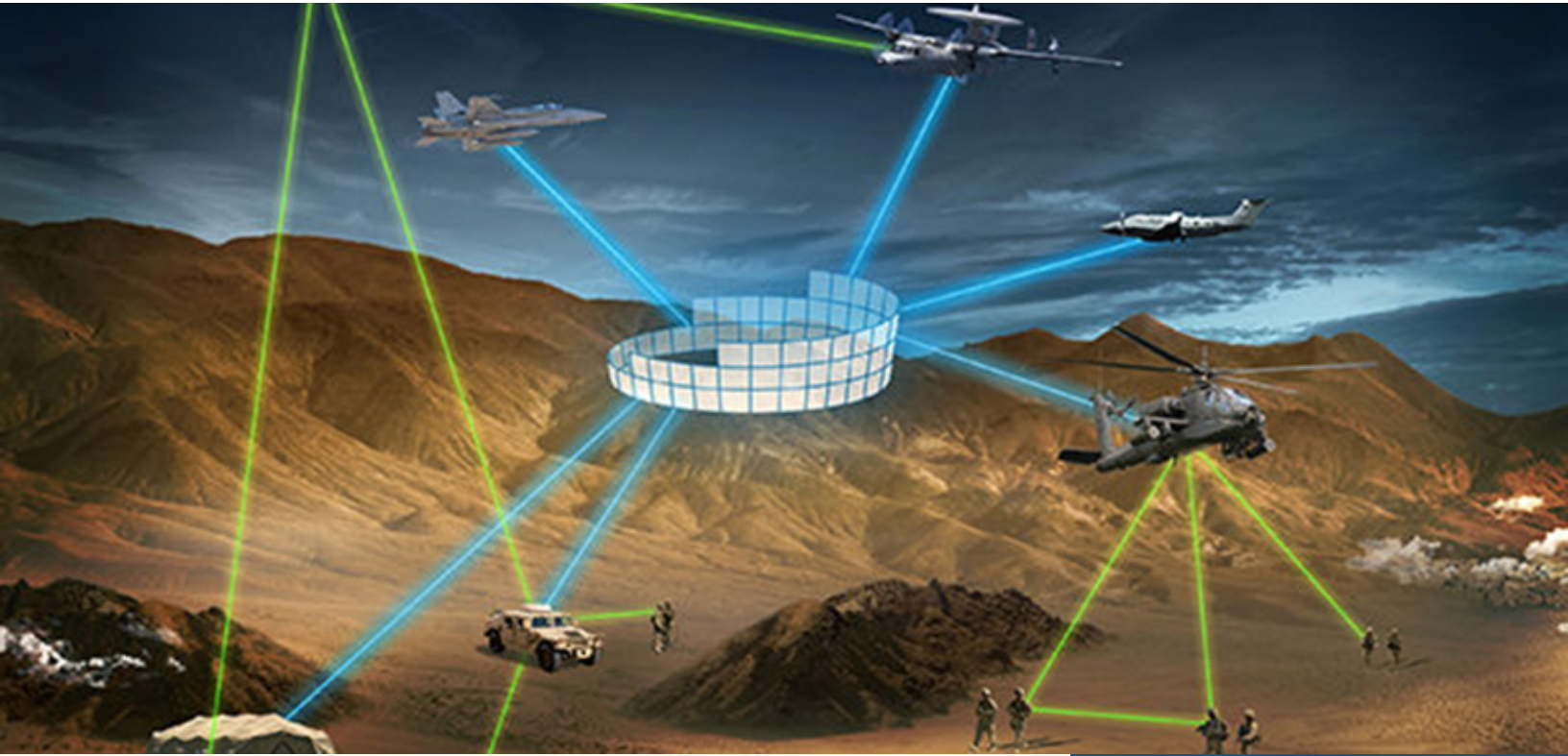


Link 16 Interoperability



Link 16 is a high-capacity, jam-resistant, tactical communication system with message and transmission security and standardized for interoperability. Link 16 is employed with U.S. joint forces, allies, and partner nations and is now ubiquitous on the modern battlefield.

Allied and Partner Nation Technical Support

Link 16 is the key enabler for real-time data exchange and interoperability among U.S. forces and those of its allies and partner nations. Over 60 countries have implemented, or are in the process of implementing, Link 16. Link 16 was originally developed by MITRE engineers and continues to be an important focus for MITRE's work programs.

MITRE's depth and breadth of expertise and resources come from more than 40 years of work in Link 16 development, enhancements, and operational use. MITRE brings this deep technical knowledge and a wide breadth of experience to the international community. Building upon trusted, independent, and objective relationships with U.S. DoD Link 16 program sponsors, MITRE delivers critical technical systems engineering services to many foreign military sales (FMS) cases.

"If you are not Link 16 capable you will not be welcomed on the U.S. battlefield and in fact you will be considered a blue-on-blue engagement generator—a threat to friendly and coalition forces"

– Vice Admiral Arthur Cebrowski, USN

Link 16 Interoperability

Link 16 Training and Expertise

MITRE employs a cadre of highly skilled Link 16 waveform, radio terminal, and operational employment experts who are available to provide briefings and products on Link 16, from executive-level overviews to detailed technical topics, including other key interoperability enablers such as secure voice and secure identification.

MITRE combines data-driven technical engineering with military operational experience to provide unique insights on a range of Link 16 topics. Technical services include broadly scoped interoperability programs to help partner nations acquire, implement, and manage Link 16 across their armed forces. MITRE helps our partners understand and apply the technical guidance in DoD interface and interoperability standards, such as the Tactical Data Link (TDL) 16 Message Standard (MIL-STD-6016), the Joint Range Extension Application Protocol, or JREAP (MIL-STD-3011A/B/C), and Data Forwarding rules between TDLs (MIL-STD-6020).

MITRE's Link 16 Foundations Guidebooks

Developed for the Link 16 Operational Maintenance Plan, these guidebooks offer concise lessons learned and recommendations based on nearly three decades of experience in the acquisition, fielding, employment, and management of Link 16.

Each guidebook volume focuses on a specific topic, including: establishing a Link 16 enterprise, developing a concept of Link 16 employment, providing operator and network designer training to the international community, integrating Link 16 into weapon system platforms, and planning for exercises and management. These “how to” guides document successful USAF approaches, processes, procedures, and management artifacts.

Additional volumes provide insight into advanced mission employment concepts enabled by the collaborative power of Link 16, such as digital command and control, weapons coordination and management, and the development of the common tactical picture through timely and accurate multisource combat identification.

Volumes can be customized to meet the needs of a specific partner.

*For information about MITRE's Link 16 expertise and capabilities, isee@mitre.org.
For more information about MITRE, visit mitre.org.*



MITRE's mission-driven teams are dedicated to solving problems for a safer world. Through our public-private partnerships and federally funded R&D centers, we work across government and in partnership with industry to tackle challenges to the safety, stability, and well-being of our nation.