

Command, Control & Intelligence (C2I) Mission-critical connected domains and networked operations.

Connected domains and networked operations are no longer optional; they are now mission requirements. Information must move around the battlefield without the risk of compromise whilst connecting operators and platforms to create a secure link between personnel in the field and those at command, control, and intelligence (C2I). Modern operations demand a flow of accurate information in the right place, in the right way, and at the right time. The consequences of information gaps or misinformation could be catastrophic to people and platforms. Proven command and control systems deliver information advantage in near-real-time, allowing quick and informed decisions based on an accurate picture of the situation on the ground. Formerly known as Ultra ATS, we possess more than 30 years of experience developing field proven C2 and situational awareness system solutions for multi-domain operations. We deliver information advantage across the operating environment, when and where it's needed, enhanced by the application of artificial intelligence (AI), machine learning (ML) and cross-domain intelligence capabilities. As a primary data-forwarding solutions provider between tactical networks, our systems and personnel have supported every major conflict for over 30 years, with fielded solutions operating in 20 countries.

The Air Defense Systems Integrator (ADSI®) is the most interoperable, real-time, tactical command, control and intelligence system offered anywhere. With more than 2,500 ADSI products installed worldwide, the combat-proven ADSI remains unmatched in its ability to provide joint-certified tactical data link forwarding software combined with an unparalleled number of tactical data link, radar, and electronic intelligence interfaces.

For the last 30+ years the U.S. military has relied on ADSI during every major crisis. Today, it is used on aircraft carriers and command ships, in tactical and air operations centers, in airspace integration systems and in joint command centers around the world. ADSI supports critical missions by integrating land, air and sea domains, providing command and control of tactical units and reporting real-time sensor information across the battlespace.

JADC2 will provide a cloud-like environment for the US DoD joint forces to share intelligence, surveillance, and reconnaissance data, transmitting across key communications networks, to enable faster decision making. For such an advanced network to function efficiently, technical decisions need to be taken in seconds to prioritize scarce bandwidth where and when it is needed most. ADSI supports the JADC2 mission by providing certified tactical data link forwarding and control.

We've leveraged the latest advances in software virtualization, allowing ADSI to be used almost anywhere, on virtually any platform using standard protocols such as Link 16 and Link 22. By greatly reducing the footprint, virtual ADSI provides tremendous deployment flexibility while reducing cost and SWaP dramatically.

MOSA-compliant ADSI delivers seamlessly integrated, certified secure messaging for JADC2/CJADC2 with wide support for MIL-standard tactical data link formats such as Link 16, Link 11, Link 22 and many more. ADSI Certifications include: US Army - Central Technical Support Facility, Army Interoperability Testing and Certification (AIC); US Air Force – AFOTEC, Air Force System Interoperability Testing (AFSIT); US Navy – NIWC PAC, Navy TDL Certification; US Marine Corps – MCTSSA, TDL Certification; and Joint Interoperability Test Command (JITC)