



ADSI

THE GLOBAL STANDARD FOR REAL-TIME C2 INTEGRATION



ADSI® is the global standard for tactical data link integration. Deployed in more than 2,500 systems across 30 nations, it gives commanders and coalition forces a unified view of the fight by linking data across air, land, sea, space and cyber in real time.

Built to connect more than 300 tactical data link and radar protocols, ADSI supports U.S., NATO and allied missions with unmatched interoperability. It scales from laptops to enterprise servers and is continuously updated to meet evolving mission needs. Proven, flexible and secure, ADSI keeps forces aligned and decision-ready when speed and accuracy matter most.



MULTI-LINK FORWARDING

Moves data across Link 16, JREAP, SADL, VMF, IBS and more.



ADVANCED GATEWAY FUNCTIONS

Translates in real time across diverse systems and networks.



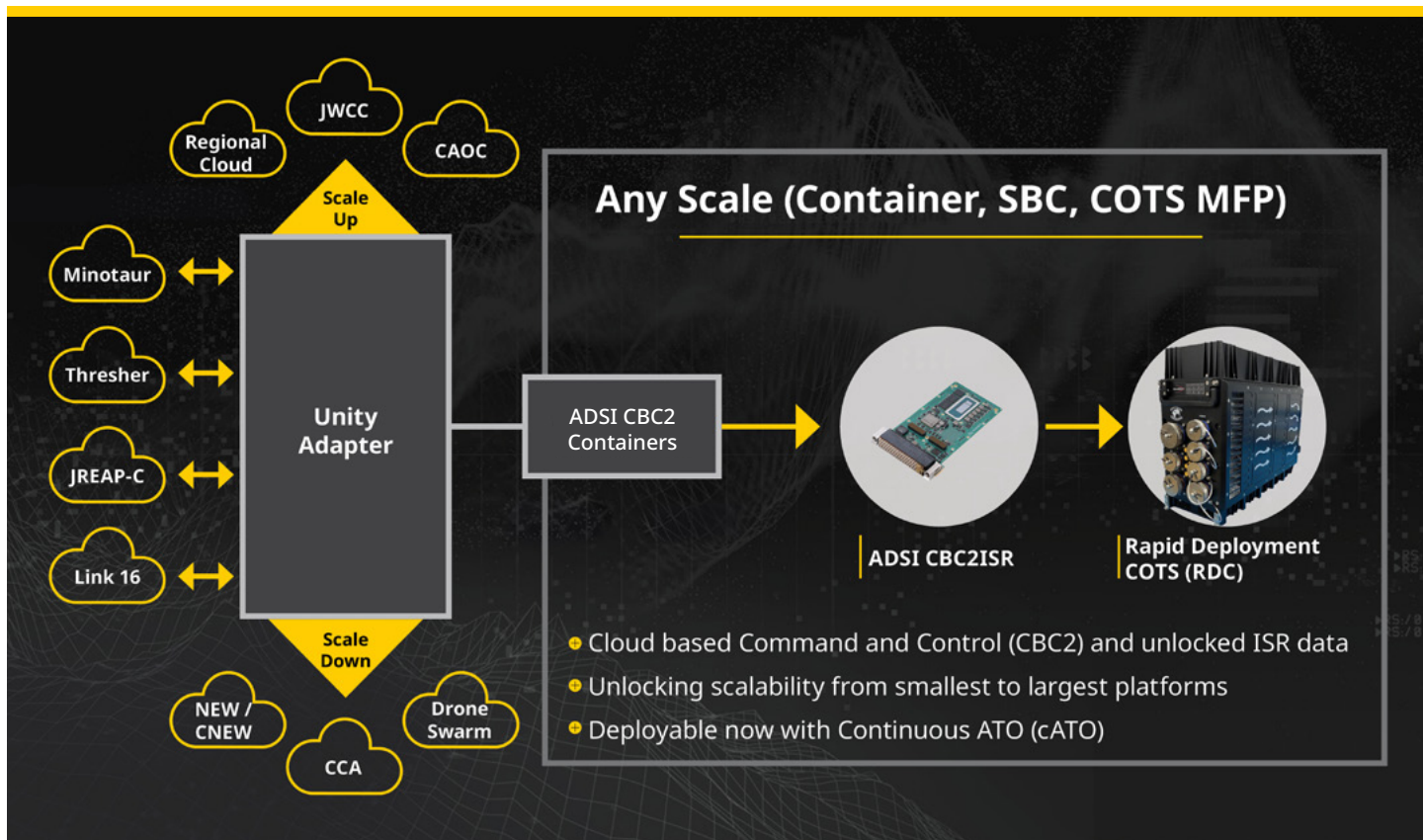
COMMON OPERATING PICTURE (COP)

Consolidates tracks from multiple sensors into a single tactical display.



SCALABLE ARCHITECTURE

Runs from command centers to mobile nodes and adapts to the mission.



FEATURES

Network Enabled Weapons: J11.1 In-Flight Target Update (IFTU) and Object of Interest Third Party Source (OI-3PS)

Non-C2 roles enabling digital mission management, weapons assignment, and air control messages. Includes active link participation by unmanned systems

Certified digital air control

Open Mission Systems/Universal Command and Control Interface (OMS/UCI)

Supports advanced tactical datalink features across terminal families including:

- Crypto modernization
- Concurrent Multi-Netting-4 (CMN-4)
- Frequency remapping
- Enhanced throughput

Hosts MIDS LVT (including BU2), MIDS JTRS (including CMN-4), MIDS on Ship (MOS), MIDS TTNT, STT, TTR and BATS-D terminals

Upgraded TacViewC2™ 3D situational awareness display graphics engine, enhanced performance and usability

Universal Command and Control (UC2) protocol

Certified Variable Message Format (VMF) forwarding (MIL-STD-6020)

Cursor on Target (COT) (MIL-STD 6090)

Link 22 (MIL-STD-6022)

N-Series Host Interface

Updated MIL-STD-3011 to incorporate Revision D

INTEROPERABILITY ACROSS LARGEST DATA LINK AND INTERFACE LIBRARY

ADSI provides the market’s most comprehensive library of tactical data links (TDL) and is fully interoperable with legacy data links and a range of system interfaces, delivering users unparalleled interoperability and enhanced data-sharing functionality.

OUR TDL AND INTERFACE LIBRARY INCLUDES THE FOLLOWING:		
Joint Tactical Information Distribution System (JTIDS) Class 2, 2M and 2H (shipboard, airborne and land-based)	Multifunctional Information Distribution System (MIDS) Low Volume Terminals (LVT) 1, 2, 3, 4, 6, 7, 11 (including BU2)	MIDS On Ship Modernized (MOS Mod)
MIDS Joint Tactical Radio System (JTRS) (including CMN-4)	Joint Range Extension Application Protocol (JREAP) MIL-STD 3011 A/B/C	Cursor on Target (CoT) MIL-STD-6090
Open Missions Systems / Universal Command and Control Interface (OMS/UCI)	Variable Message Format (VMF) MIL-STD-6017	Legacy Data Link 11 Hardware (e.g., USQ-125, MX-512P, USQ-130)
Serial Link 16 MIL-STD-6016	Satellite TADIL J (S-TADIL J) (WSC-3, PSC-5D, LST-5D, PRC-117F, ARC-210)	Legacy Ethernet (Multi-TADIL Display System [MTDS], Multi-TADIL Capability [MTC])
Situation Awareness Data Link (SADL)	Enhanced Position Location Reporting System (EPLRS)	Standard Interface for Multiple Platform Link Evaluation (SIMPLE) 11/16 ATDLP-6.02
Link 11 A/B MIL-STD-3011 A/B	Link 22 MIL-STD-6022	Interoperable Data Link (IDL)
Army Tactical Data Link (ATDL)-1 MIL-STD-6013	NATO Link 1 STANAG 5501	Taiwan Advanced Tactical Data Link System (TATDLS) and Link E
Forward Area Air Defense (FAAD) data link	Global Positioning System (GPS) (NMEA-0183, DAGR, PLGR)	Data Forwarding Between Tactical Data Links MIL-STD-6020
Common Message Format	Tactical Data Intercomputer Message Format (TDIMF)	US Message Text Format (USMTF) MIL-STD-6040
N-Series Host Interface		

MULTIPLE RADAR FORMATS AND CAPABILITIES

ADSI accepts a wide range of radar and sensor inputs and combines tracks from multiple radars into a single integrated picture. Radar tracks are correlated with tactical data link tracks, providing a higher level of fidelity to represented data.

KEY RADAR FORMATS AND SENSOR TYPES INCLUDE THE FOLLOWING:						
Common Digitizer-2 (CD-2) (US) and CD2T (Thailand)	NATS (UK)	SDO-1000 (NATO)	ASTERIX	ECGP	SGF	FAA ARSR and ASR radars
TPS-59	TPS-75	TPS-77	FPS-117	LSTAR	Giraffe	100+ additional radars

LEARN MORE: ultra-ic.com/ADSI