



JICC Extended Trainer (JET)TM

TRAIN, TEST, DIAGNOSE AND REHEARSE COMPLEX TACTICAL DATA LINK NETWORK OPERATIONS.

Features

- Create mission plans, generate control orders and visualize the battlespace
- Simulate live operational environments, develop and execute training scenarios
- Training conducted on operational systems using simulated data and integrated Tasking and Control Orders from planning platforms
- Train the Link 16 Network Manager to plan, manage and troubleshoot the TDL networks implemented by JTIDS, MIDS, STT, TTR and JTRS terminals

Overview

Ultra I&C's Joint Interface Control Cell (JICC) Extended Trainer (JET) is the industry's only comprehensive Tactical Data Link (TDL) JICO training platform. This integrated suite enables Joint Interface Control Officers (JICOs) and their teams to train, test, and rehearse scenarios without impacting live operations.

JET maximizes training efficiency by enabling classroom and duty station instruction while reducing travel costs. For mission planning, JICOs can test complex TDL network scenarios without deploying physical assets. The suite integrates essential JICO functions: Mission Planning, TDL execution, Command and Control (C2), link monitoring, MIDS terminal emulation, and After Action Review.

Operating in a live, virtual, and constructive environment, JET simulates the complete operational TDL and C2 landscape. Users can diagnose real-world challenges including radar issues, Link 16 load files, and line-of-sight obstructions. The platform supports direct integration of OPTASKLINKs (OTLs), Air Tasking Orders (ATOs), and Airspace Control Orders (ACOs), enabling training against upcoming missions with comprehensive review capabilities.

By replacing legacy slide and spreadsheet systems, JET empowers JICOs to manage complex networks, execute mission plans, and visualize battlespace challenges before they impact operations – embodying the principle “Fight as you train, train as you fight.”

JET combines industry-leading training and simulation capabilities in an integrated suite

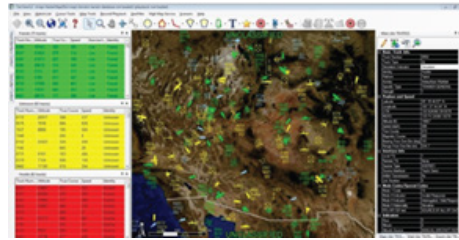
JET delivers an integrated suite of best-in-class capabilities including Mission Planning, Tactical Visualization, Constructive Environment, MIDS Terminal Emulation, Link Monitoring, and comprehensive After Action Review tools.



MISSION PLANNING

Mission Planning with C2Core®: Create ACOs, ATOs and OTLs

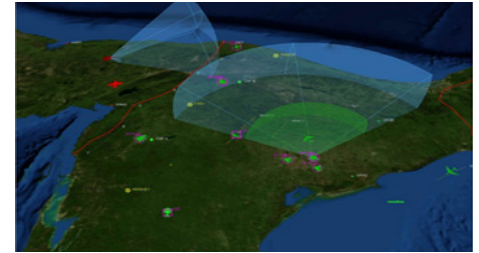
C2Core provides near real-time battlespace information that enables planners to visualize and generate battle plans that are accurate and appropriate to developing situations. Once the Mission Plan is created, the output of the OPTASKLINK, ATO and ACO is directly imported into JET's simulation system (ASCOT) and the TDL C2 system ADSI® for display and processing.



TACTICAL VISUALIZATION

ADSI and TacViewC2™: Perform C2 operations and view the operational picture

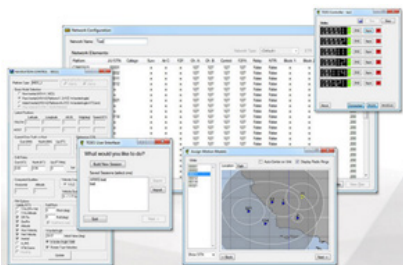
JET's C2 and TDL capabilities are based off of proven and certified ADSI software. State-of-the-art TacViewC2 situational awareness software, provides leading-edge display and enhanced 3D visualization. Using these integrated C2 and tactical visualization tools makes managing the track picture an intuitive and simplified operation.



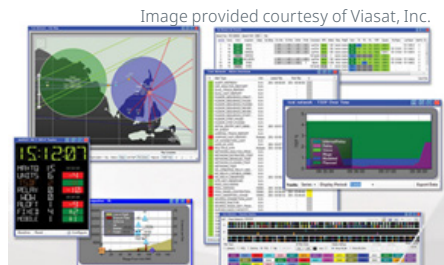
CONSTRUCTIVE ENVIRONMENT

ASCOT: Create real-time high fidelity interactive scenario simulations

The Advanced Simulation Combat Operations Trainer (ASCOT) is fully integrated with C2Core and allows for easy manipulation of scenarios, creation of mission threads, vignettes and simulated errors, creating a robust and dynamic training arena. It only takes a few button clicks to import a JICO's Mission Plan into ASCOT to create executable scenarios. ASCOT easily manages the entire battlespace from single ship Close Air Support (CAS) missions to multi-axis, multi-ship Special Operations.



MIDS TERMINAL EMULATION



LINK MONITORING

TOES: Connect to terminals

The Terminal Operational Environment Simulator (TOES) allows assigning of actual network designs and platform loads (.jnl, .jnl, .inde) and JU numbers to simulated terminals. Users can configure initial unit positions and simulated motion and host connection parameters. Simulated terminals are automatically created and initialized. The terminal assigned as the Network Time Reference (NTR) automatically starts net entry. Active terminals transmit and receive host-generated messages per their individual initialization loads.

ARMS: Monitor and troubleshooting RF network performance

The Amalgamated Remote Management System (ARMS) state-of-the-art link monitoring capability allows coordinated network analysis from multiple viewpoints. ARMS works with all MIDS-LVT, MIDS JTRS, and STT Link 16 radios. ARMS is designed to be an operator alert-based interface that is anomaly-event-driven allowing expeditious detection and correction of network problems.



+ ultra-ic.com | system.sales@ultra-ats.com