TRAIN. DEPLOY. SUCCEED.

The GTS is a cost effective TDL operational and training system for the 21st century warfighter – available today. The GTS allows warfighters to train as they fight.

“*The Ultimate SA Builder...*”

Lt. Col. USAF

“*Makes me a better pilot...*”

Capt. USAF

GROUND TACTICAL DATA LINK SYSTEM (GTS®) ENABLES OPERATORS AND WARFIGHTERS TO MEET THEIR MISSION OBJECTIVES

The GTS is an affordable, Link 16, Link11, JREAP, SIMPLE, SADL, and DIS operations, training, and tactical display for today’s warfighter.

TRAIN AS YOU FIGHT

TCG’s GTS provides its operators with an easy to use operational Link 16/11 or SADL ground station capable of being the Net Time Reference (NTR) and producing a training scenario with virtual assets, along with C2 functions and friendly, hostile, and neutral participants. The simulation-over-live capability provides active units with a high fidelity, low cost training system.

IN-THEATER DEPLOYMENT

The GTS is a fully operational tactical data link SA and C2 asset. By deploying a GTS, your mission is never degraded due to a lack of TDL connectivity. You can affordably place multiple systems across the battlefield wherever needed. The GTS can control up to 20 remote Link 16 terminals from a single operator station thereby significantly reducing operator workload while dramatically increasing situational awareness.

COUNTRYWIDE COVERAGE

The modular architecture of the GTS allows for multiple squadrons to simultaneously share a single Link 16 terminal. Multiple client workstations can be employed at each unit and utilize the powerful simulation engine and control the terminal to optimize training and enhance situational awareness during training.
CLIENT CASE STUDIES

US AIR FORCE
The USAF needed a cost-effective, highly realistic Live, Virtual, and Constructive (LVC) pilot training solution throughout their airbases. By leveraging the comprehensive training and simulation capabilities of the GTS, the USAF successfully deployed multiple GTS systems for tactical LVC air operations.

COLLATION PARTNER
A Collation Partner needed to provide their pilots with a commercial-off-the-shelf capability to support Link 16 simulated training and operational situational awareness with F-16 aircraft. The system was also required to connect to existing airborne networks. By choosing GTS systems they were able to successfully conduct highly efficient and effective training.

PILOT TRAINING FACILITY
At Aviano the GTS is used to replicate platforms in a real C2 environment to better prepare pilots for real world operations. GTS operators create virtual assets in real time resulting in well trained pilots.

AFFORDABLE, LINK 16, LINK 11, JREAP, SIMPLE, SADL, AND DIS OPERATIONS, TRAINING, AND TACTICAL DISPLAY FOR TODAY’S WARFIGHTER

GTS CAPABILITIES AND FEATURES

- Multi-Link message processing
- Tactical situational display
- Track & message simulation
- Scenario generation
- Live-Virtual-Constructive (LVC)
- RF and IFF processing
- Range training officer support
- Record/Playback
- Desktop, notebook, or rack
- Terminal housing case
- Remote client/server support
- Terminal Control Wizard (TCW)
- Full terminal control
- Link 16 Voice Control Unit
- Cockpit display simulation
- Network monitoring
- External Time Reference (ETR)
- Remote client support
- Multi-Terminal control
- Weapon Data Link (WDL)
- Dynamic message routing
- Maintaining mission objects

TERMINAL AND INTERFACE SUPPORT

- Link 16 Class 2 terminals
- Link 16 MIDS LVT1 - and Platforms A, D, I
- Link 16 MIDS LVT2 - and Platform J
- Link 16 MIDS LVT3
- MIDS JTTS
- Small Tactical Terminal (STT)
- TacNet Tactical Radio (TTR)
- Link 11 ATDS/NTDS
- JREAP-A & JREAP-C
- Link 11 & Link 16
- Link 22 & VMF (soon)
- SADL
- SIMPLE
- DIS & TENA
- Socket-J & Serial-J

TCG is the leading independent supplier of tactical data link software solutions for military communications systems. TCG’s comprehensive portfolio of TDL testing, training, simulation and battlefield operations solutions provides the warfighter proven multi-link communication capabilities to optimize performance and increase mission effectiveness.

CORPORATE
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