



LINK 16 INTEROPERABILITY PROJECT TRAINER TEAM PROFILE



Team Background:

STM Link 16 Interoperability Project Training Team is an impassioned, dynamic and proficient group, which consists of Software, and Electrical & Electronics Engineers graduated from reputable universities from Turkey and well-known international universities. The team has gained knowledge on TDL expertise area by working on national in-house interoperability projects, diversified consultancy projects, and by acquiring wide range of TDL **trainer trainings** covering the following subjects:

- Link 16 Technical Characteristics and Data Processing,
- Link 16 Network Design,
- Link 11/Link 22 Technical Characteristics and Data Processing,
- Link1/VMF/JRE Technical Characteristics and Data Processing,
- Multi-Link Planning,
- TDL Standards Documentation and International Meetings,
- iSMART Process and eSMART Toolset,
- SGIOTE (Synthetic Ground Interoperability Testing Environment)
 - TIGER, MANDRIL, CIVET, PUMA, NETWORKER, PASS 3200, WIRESHARK

In addition, various teach-in workshops on iSMART Process are attended, including

- National CONOPS
- Link 16 Policy and Doctrine
- Information Exchange Requirements (IERS) and Analysis
- National Requirements Specification (NRS) and National Difference Document (NDD)
- Platform Concept of Operations (P-CONOPS) and Human Machine Interface (HMI)
- Platform Requirements Specification (PRS), Platform Implementation Difference Document (PIDD) and System Implementation Database (SID)

Up until today, STM Link 16 Interoperability Project Trainer Team has conducted various workshops with **116** military personnel including **platform users** and **acquisition managers**. In the workshops, many platform types are covered such as fighter, bomber, jammer, transport aircraft, Airborne Early Warning (AEW), Frigate, Controlling and Reporting Center (CRC), Air Command and Control System (ACCS), tanker aircraft, Electronic Intelligence (ELINT) aircraft, Stand-off Jammer (SOJ) aircraft, Combat Search and Rescue (CSAR) helicopter. Through these workshops, wide operational knowledge is added up on strong technical background.

Knowledge Base / Experience / Ongoing Activities:

- Comprehensive, Current Knowledge and Experience of iSMART Process, and Extensive Use of eSMART Toolset.
- Preparation of Turkish National Link 16 Policy, Doctrine and Concept Of Operations documents with the conceptual support of Turkish Armed Forces,
- Preparation and Analysis of Turkish Transactional MIDS/Link 16 Standardization
- Platform Specific Activities for ~17 Different Platform Types
 - Development and Analysis of Information Exchange Requirements
 - Preparation of Platform Specific Concept Of Operations
 - Preparation of Platform Specific Human Machine Interface
 - Preparation of Platform Specific Link 16 Requirements and Implementation Difference Documents
 - Preparation of Platform Specific bit level Link 16 implementation
- Link 16 Simulation Activities
 - Procurement and Installation of Link 16 Simulation Systems
 - Participation to NATO TDLITS Tests
 - Participation to Live Link 16 Network via Simulation Systems
- Software Based Link 16 Interoperability Analysis for Actual Platform Implementations
- Providing Various TDL Training Courses
- Providing consultancy to Turkish Under Secretariat for Defense Industry for a number of projects. As part of the consultancy services, inspecting system documents, commenting on the technical issues, attending required project meetings and international meetings such as NATO Data Link Working Group (DLWG), MIDS International Review Board (MIRB), Information Interoperability Working Group (IIWG), NATO TDLITS, to provide technical support to Turkish delegations and to represent Turkish MoD.



STM

LINK 16

LINK 22 - VMF - LINK 11 - LINK 1 - ATDL 1 - JRE

SYBTO

