U.S. NAVY TCTS INC. II –
REVOLUTIONIZING AIR COMBAT TRAINING

Increased operational training realism through next-generation capabilities

MATURE
Leverages a fielded system currently at Major Range and Test Facility Bases (MRTFB) and adds advanced functionality with an inherent capability to scale and evolve to the most current operationally relevant warfighter training needs

SECURE
Uses previously accredited multi-level security architecture, the latest NSA approved cybersecurity system, End Cryptographic Unit (ECU) and cross-domain solution (CDS) from the Common Range Integrated Instrumentation System (CRIIS)

OPEN
Future Airborne Capability Environment (FACE™) conformant open architecture lends itself to interfacing with third-party applications and models as well as a variety of existing and future debrief and live monitoring software systems

Air constructive threats

NATO Secret

Unclassified

Top Secret

Secret

Ground constructive threats

Remote range unit

Ground subsystem TCTS-II

TCTS-II tracks

Unclassified

Live threat emitter

FAA, IFF, Link-16 feeds

TENA, HILA, DIS

TCTS-I/P5
LATR
Training
Test and Evaluation
Other networks, facilities and ranges
Via JTEN, NCTE and other connections

Collins Aerospace

LEONARDO DRS