e.TACCS™ AIR

Tactical Air Command and Control System

A Platform for Training and Operations

Modular tactical air command and control platform with open system architecture, created around the concept of a Distributed Synthetic Training network

Realistic environments to train Joint and Multi-Domain Operations for individuals or crews in competitive, congested, and contested theatres

Transparent composition of behaviour replication from fundamental capability up to high-fidelity digital twin modelling for platforms, sensors, weapons, and effectors

Intuitive layered system configuration ensures rapid input and adjustment of technical parameters, theatre data and exercise specifics for mission planning

Integrated KOFA™ communications suite including radio and land-line connectivity and state-of-the-art Automatic Speech Recognition with simulation control functionality
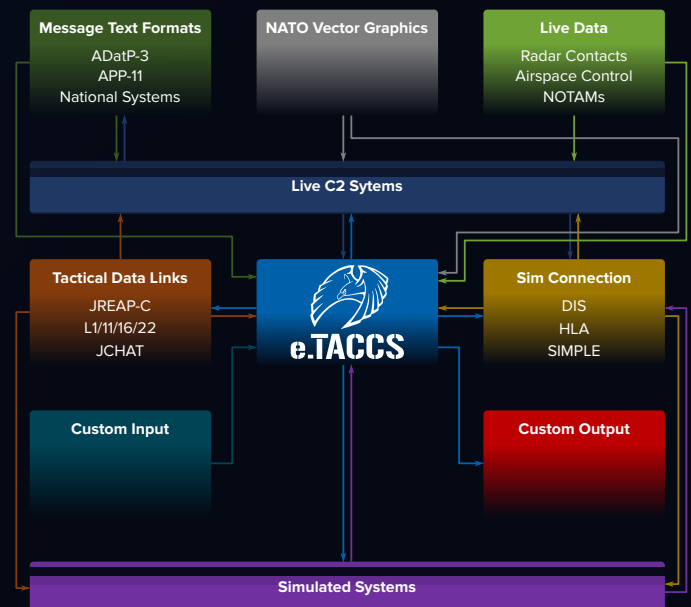
Scalable platform to support the full range of missions, from basic fighter intercepts and aerial refuelling, to complex Composite Air Operations in dynamic environments

Interoperable by following industry and NATO standards to enable sharing of data, knowledge, and resources for Defensive and Offensive Operations

Modern Air Defence threats training, including Tactical Ballistic Missiles, Unmanned Aerial Systems, Air-launched munitions, Hypersonic weaponry, and Electronic Warfare

Minimizes time and resources required to achieve full mission readiness by reducing the impact of uncontrollable external influences

Delivers serious wargaming capability with blue, red, green, and white teaming to ensure realistic and challenging scenarios to prepare for live operations

GPS332 4211
85a7e98-d931-40b7

AFR345 5241
a7c60c75-f1eb-49fa

AWC239 6701
2a515a6-0255-474b

GND546 4512
.9819c4d3-fe96-4060

AFR342 5238
c036baa-1cde-4419

GND224 3218
41fde72f-0005-4eb3

Message Text Formats
ADatP-3
APP-11
National Systems

NATO Vector Graphics

Live Data
Radar Contacts
Airspace Control
NOTAMs

Live C2 Sytems

Tactical Data Links
JREAP-C
L1/11/16/22
JCHAT

e.TACCS

Sim Connection
DIS
HLA
SIMPLE

Custom Input

Custom Output

Simulated Systems

Capable of connecting to multiple heterogenous systems for Multi-Domain Operational training, including:

- Real world Radars and sensors
- Pilot training flight simulators
- Air Traffic Control systems
- Maritime asset connections
- Airborne Warning and Control Systems
- Live system stimulation data connections
- Ground Based Air Defence systems
- Tactical Data Link systems
- Psychometric testing systems
- Scenario Generation for other systems

powered by

e.sigma

Complete multi-element and multi service integration

Precise technical characteristic simulation for legacy, current and future systems

Accurate Radar coverage and Line of Site information for deployment planning and system capability assessment

Full mission planning functionality from mission analysis, through Course of Action development, to scenario execution and after-action review

Extendable global database available in addition to localised mapping, allowing potential worldwide training delivery from one system

Serious wargaming capability and effective red teaming provision to ensure realistic and challenging operational scenarios

Integrated Training Management System and e.learning platform

Transformative modular technological approach, future proofing system investment

Cost effective, flexible, configurable and operationally focussed

System Usage Examples:

- Basic training and advanced combat training
- Supervisor and commander training
- Pre-deployment training
- Composite air operations planning
- Exercise mission planning
- Communications and data link training
- Airspace control measures training
- Instructor training
- Red and white force training

Mission Training Capability Examples:

- Air-to-air engagements
- Air-to-surface attack and close-air-support
- Ground-based air defence and ballistic missile defence
- Intelligence, surveillance, targeting acquisition and reconnaissance integration
- High value air asset attack and defence
- Air-to-air refuelling
- Offensive and defensive counter air and interdiction
- Suppression and destruction of enemy air defence
- Personnel recovery with combat search and rescue
- Air Maritime integration
- Electronic warfare and electronic counter measures
- Weapons Employment
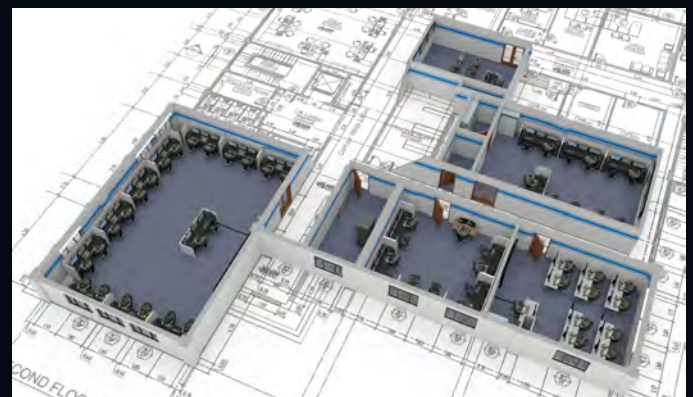
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