

COMBINED ARMS COMMAND AND CONTROL TRAINER UPGRADE SYSTEM

ECS was awarded the Combined Arms Command and Control Trainer Upgrade System (CACCTUS) from the Program Manager for Training Systems (PM TRASYS) Marine Corps Systems Command. One of the significant aims of CACCTUS is to immerse Marines in a realistic, scenario-driven environment so that commanders and their battle staffs can train or rehearse combined arms tactics, techniques, procedures, and decision-making processes. CACCTUS is an upgrade to the United States Marine Corps' (USMC) Combined Arms Staff Trainer (CAST). The CACCTUS system is comprised of simulation, 2D and 3D visuals, interfaced C4I, synthetic terrain, and After-Action Review (AAR) software.

The nature of the effort involves supporting a large baseline of deployed systems on a 24/7 basis while incorporating new features based on government-directed task orders. ECS successfully orchestrated these tasks while conducting full life cycle support and introducing new innovations and technology to the CACCTUS program.

The ECS team successfully supported and maintained the system until the USMC transitioned the program to the Marine Air-Ground Task Force (MAGTF) Tactical Warfare Simulation (MTWS) in conjunction with the USMC launch of Project Tripoli. ECS used/modified and deployed a OneSAF version to support the CAST training system.

Program Features:

- ECS, Phoenix Defense, and AIT Engineering executed CACCTUS under PM TRASYS' Electronic and Communication Services Multiple Award Task Order Contract
- ECS provided strong technical and management leadership utilizing processes assessed at Capability Maturity Model Integration (CMMI) Maturity Level (ML) 3.
- As a user group, the ECS team used/modified and deployed a OneSAF version to support the CAST training system

