Weaponizes Information at the Point of Impact

GALT Aerospace

CAPABILITY STATEMENT

- GALT Aerospace founded in 2015 to Realize JADC2
- Focus is on tailored, open-architecture communication solutions, for the warfighter utilizing best-of-breed approach, to create a seamless network of networks of disparate radios, data links and waveforms
- Key tenets
  - Decentralize, Distribute C2 and ISR PED Capabilities
  - Ensure Resilient Connectivity
- GALT Aerospace strategy
  - Conceived, championed, and architected an affordable approach to ensure theater-wide communications under a 2017 JCTD
  - Flight demonstrated key gateway nodes of Joint Aerial Layer Network (JALN) architecture that could move to platforms of opportunity, such as USAF Tanker fleet
  - Conceived Multi-Domain C2 edge processing and tactical cloud solutions that rapidly deploy, are operable on a wide variety of platforms, and greatly reduce cost over traditional solutions

- Prime contractor on the Advanced Battle Management Systems (ABMS) ID/IQ
- Nontraditional SDVOSB Defense Contractor: TS Facility Cleared
- Rapid Execution
  - Expeditious proposal through contracting
  - Life Cycle Support Readiness
- Risk Tolerant: Well crafted, customer responsive, FFP Contracts
- Contract Vehicles: OTAs, ST2P/FINN, ABMS, and SeaPort NxG
- Robust and Optimal Teaming with Traditional Contractors including SNC, BAE Systems, Elbit, Kratos, L3H, Parsons, SAIC
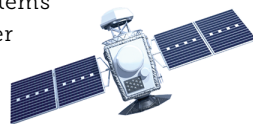 - Prototyping Data Rich Demonstrations

CORE COMPETENCIES

- C2 Network Design
- D and J-series Message Processing/Networks/SW (DevSecOps)
- Hosting/Integrating Communication Radios and Systems
- Gateway and Bridging Communications Networks
- Hosting and Integrating
  - Data/Track Correlators
  - Fusion Engines
  - Terminal/Workstation Hosts
  - Antenna (AESA) and RF Design/I & T

- Rapid Prototyping of Modular Payloads
  - Airborne Racks, including RORO, Pods Payloads
  - Ground Entry Points
- Open - OMS / OCS
- Multi-Security Domains (CDS)

MIDS JTRS	StarLink	PRC Radios
— Link 16	SCISR / CDL	NGW
— TTNT 6.9/7.0	QNT-200	MADL
IBS	UHF-DAMA	Arachne
Iridium	ANW2	

ENGINEERING PROCESS

- Proven robust Agile and disciplined engineering process
- Modern DevSecOps tools, infrastructure, processes
- Consistently provided high quality systems
- Highly accurate status for our customer

CYBER SECURITY

GALT Engineering staff has extensive experience delivering DISA certified and operational systems to the DoD

- DISA STIGs
- Nessus (ACAS) Scans
- Static Code Analysis (Fortify/SonarQube)

NIST • DISA • FORTIFY • sonarQube

PAST PERFORMANCES

- Communications, Command and Control Systems Architects: GALT strives to harmonize innovation from commercial industry, forward-looking defense companies, and tech savvy academia
- Program Participation
  - JCTD - MUDLAN System Architect
  - AFRL/MCWL – Sky Tower II Prototype/FINN System Lead Integrator
  - AFWERX – AVEO-NLP
  - AVEO-NLPOpen Agile Software Defined WDL; ABMS IDIQ (Secure Processing and Connectivity)

- Critical Experience - Link 16 network design, creating/ building/operating USAF Battlefield Airborne Communication Node (BACN), F-22/F-35 Comm/Nav/ID, RTIC, ROBE & DRC, MIDS, AOC program leadership, USAF & USN C2 Operators (AWACS/JSTARS/AOC/E2-D), Helos, DGS, C-130J Chief Engineer