CONSOLIDATED RESOURCE IMAGING LLC (CRI) CAPABILITIES

Overview

Consolidated Resource Imaging LLC (CRI) is a small business (17 years) focused on providing innovative Intelligence, Surveillance and Reconnaissance (ISR) solutions to DoD, government, and commercial customers. The company conducts system research and technology development, system of systems integration, test and evaluation, FSR/FSE Operational support, for multiple modality sensors/systems. Integration of sensors have been performed on various platforms to include; ground based (fixed site and tower), mobile, aerial (fixed wing and helicopter), and marine. Field support includes Aerial ISR, Force Protection/Base Defense, and C-sUAS system of systems. CRI handles large, complex imagery data by focusing on the appropriate hardware technologies to capture the critical data needed from the air, ground, or sea, for national, state, federal, and commercial analysis. CRI processes, exploits, and disseminates that data to our customers.

CRI has extensive experience developing and operating complex sensors in both CONUS and OCONUS operations. Business operations are summarized as follows:

- Custom integrated ISR solutions: quick deployment programs and larger programs of record contracts (EMARSS, Constant Hawk, Open Skies, C-sUAS) including full gimbal stabilized optic systems, power management and control, and computer capture/processing/dissemination equipment
- Service and training oversight: analysts, operators and technical staff for maintenance, operation and training of land and air based ISR systems
- Commercialization of CRI's Imaging Systems – wide area security situational awareness for detection, tracking, identifying, and classifying objects/personnel/vehicles of interest on the ground and in the air.
- Flight Test and Support Services: CRI maintains and provides custom gimbal sensor solutions for short-term testing and long-term deployment of various sensor modalities. CRI's technology in precision pointing, image processing, and quick integration of commercial or government laboratory sensors has supported numerous programs for significant risk reduction during early development.

Differentiators

Technology Readiness Level (TRL) Accelerator: From concept to design, from lab experiment to testing, from testing to optimization, hardening, and operational fielding.

Multi-Discipline Engineering Specialties: CRI Engineering disciplines include Systems Engineering, Navigation, Electrical, Mechanical, Software, and Computational Photography.

Field Support: Engineers, technicians, analysts, sensor operators, and trainers for Multi-INT sensors on aerial, ground, tower, aerostat, and shipboard platforms.

Optimization: Optimized power, navigational, and monitoring control of primary mission equipment in the air, on a stationary tower, aerostat, vehicle, and at sea**.**