

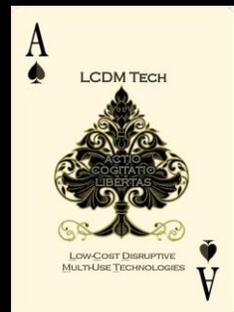
EC3S

Expeditionary Common Communication & Command System

COMPONENTS AND FUNCTIONS

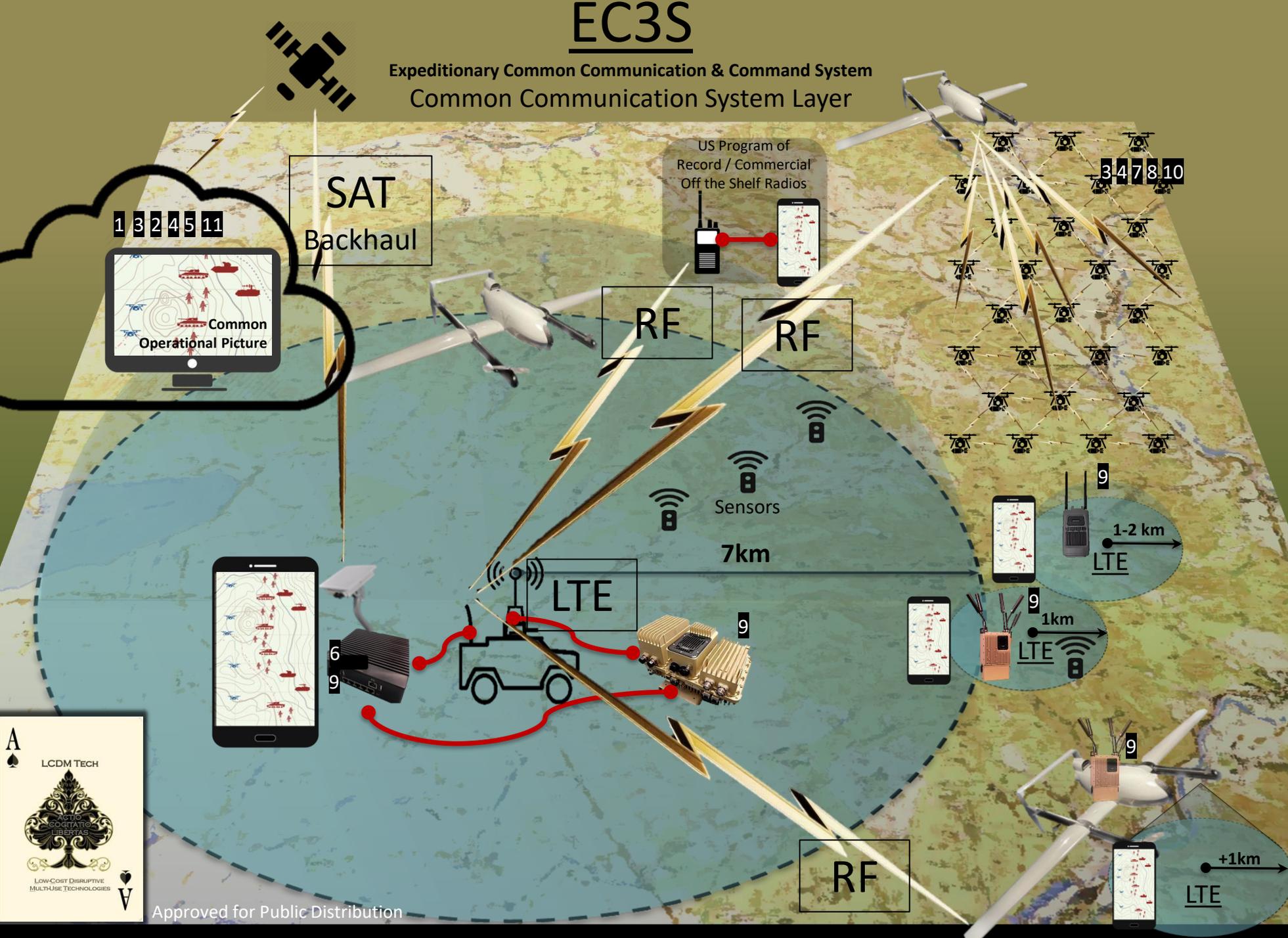
- Common Communication System (CCS) Layer
 - Battlefield of Things
 - Expeditionary Tactical Cloud
 - Distributed-Edge-Node shared data processing
- Common Command Interface (CCI) Layer
 - Agile HQ – Dispersed, Disparate, Masked, Mobile Command & Control
 - Smart Data Push – Right Data/Right People/Right Time - Information Dissemination
- Expeditionary Drone Swarms
 - Massive, Pervasive, Persistent Domination of the Battlespace
 - Tactically deployable (Land/Sea/Air) Strategic Impact
 - Autonomous, Automated, Adaptive, Instantaneous Operational exploitation of Tactical Intelligence

A system of systems that properly defines and supports next-generation Combined Arms warfare, including deployment of hundreds/thousands of drones in cohesive swarms capable of launching persistent, pervasive, interminable, point target strikes, purpose-built to systematically decimate massive military formations while sparing civilian lives and severely minimizing collateral damage to property and infrastructure.



EC3S

Expeditionary Common Communication & Command System
Common Communication System Layer

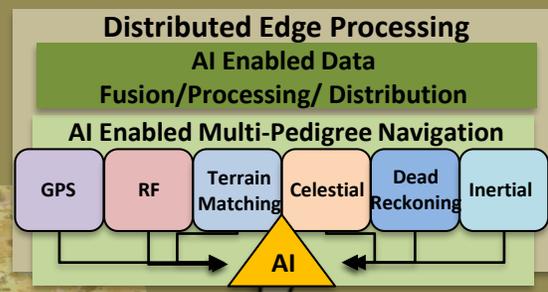


	Component	Potential Developer
1	System Product Management	LCDM Tech
2	System Integration, CCI	
3	Remote Gunsight, CCI, Perch & Stare	
4	Rapid Modeling, Remote Gunsight, RALGAMS	
5	Drone detection and Tracking	
6	CCS-IP Radio-Any device to any device comms	
7	Perch and Stare, Terrain Hugging, Two-way verbal comms, Lighthouse drones	
8	Nav in GPS Denied Environments	
9	Common Communication System	
10	Wire Guided Attack Drones, Interceptor Drone	
11	Common Command Interface (CCI)	



EC3S

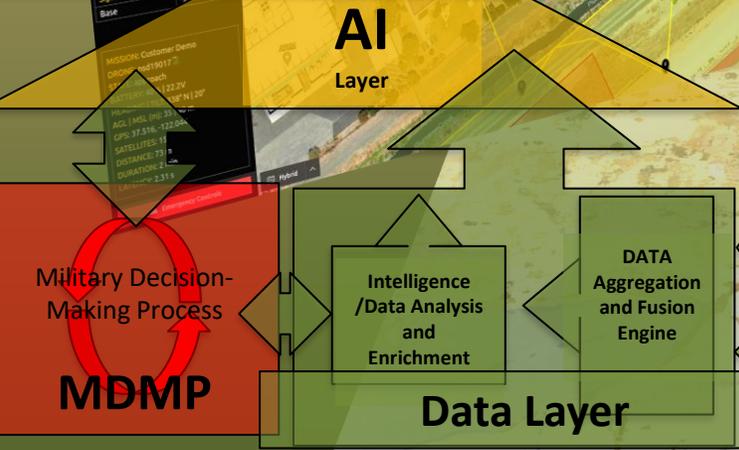
Expeditionary Common Communication & Command System Common Command Interface Layer



- Common Command Interface (CCI)**
- Multiple simultaneous Platform (UAS/Robot) Control
 - Multiple simultaneous Pilot Control
 - (Up to 5 pilots per platform/ 10-20+ platforms per pilot.)
 - Scalable to n platforms/pilots
 - Tablet/smartphone/laptop
 - Cloud based
 - AI Enabled
 - Autonomy Enabled

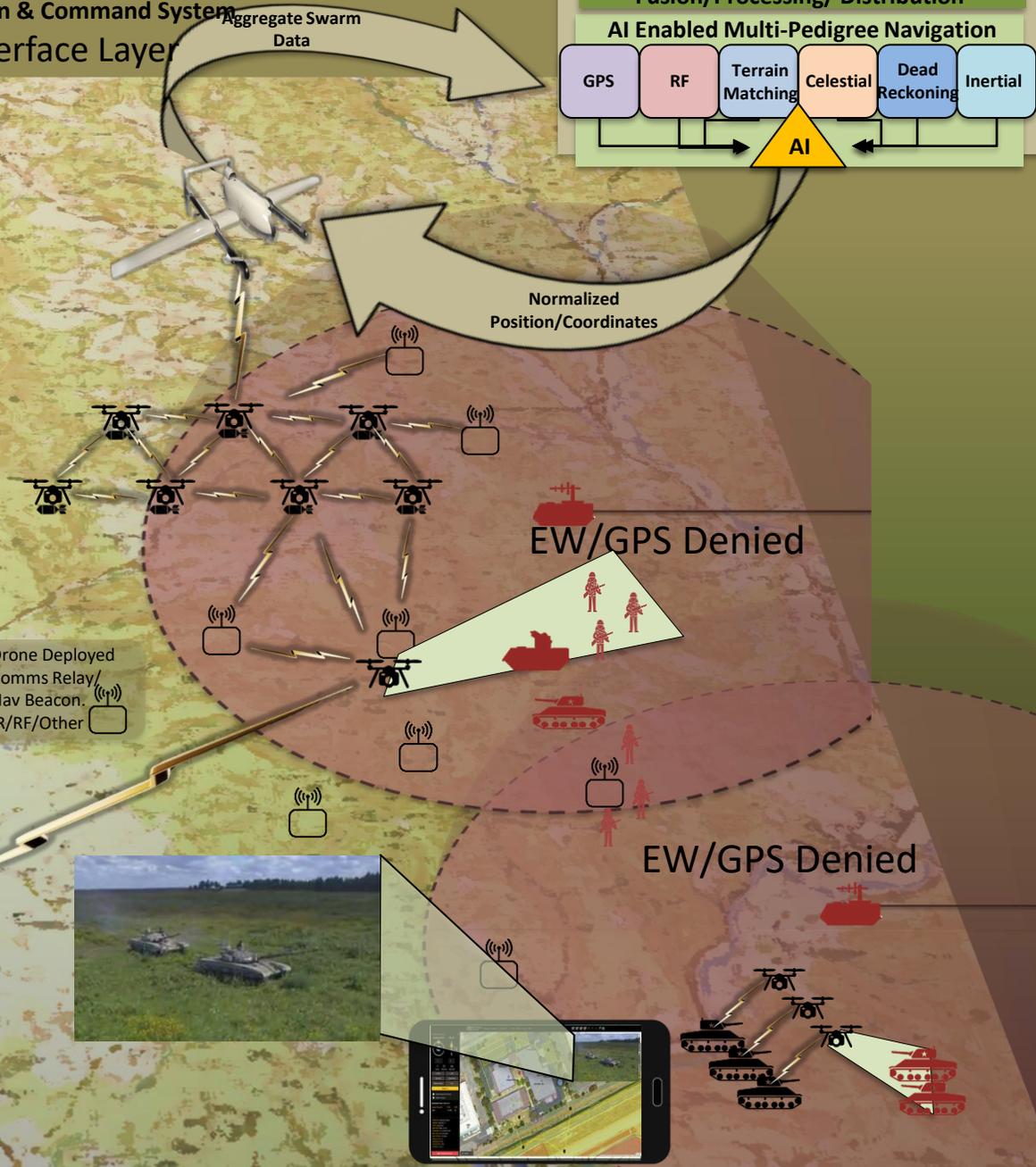
- DATA OUT**
- Position/Nav data
 - Targeting Cues
 - Auto-Generated Firing Solutions
 - Controller data
 - Command guidance/Orders
 - Requests for Information
 - Operational Intelligence dissemination
 - Enemy Situation data
 - Friendly Situation data

- DATA IN**
- Raw Target Data
 - Raw Video/Sensor data
 - Controller feedback
 - Metadata
 - Reporting
 - Administration/Logistics tracking data
 - Signals data
 - Friendly Situation data



- Strategic Capability**
- Autonomous/Semi-Autonomous Drone/Robotic Swarms
 - Maritime/Urban/Rural
 - AI enabled Combined System/Combined Arms Integration
 - Adaptive/Modular/Cutting Edge
 - Globally Deployable
 - EW/GPS Denied Capabilities
 - Multi-Use:
 - Defense
 - Maritime
 - Law Enforcement
 - Infrastructure
 - Commerce
 - Industry
 - Humanitarian

- Supporting Systems**
- Common Communication System
 - Expeditionary Cloud
 - Any device to any device digital/voice communications
 - EW Penetration
 - Common Command Interface
 - Tablet/Phone/Laptop distributed Command and Control
 - Point-Click-Talk
 - Digital access to every device/person/robot
 - Instant AI enabled Targeting Solutions
 - Mobile Interface for all Command Staff functions



A



LCDM TECH



LOW-COST DISRUPTIVE
MULTI-USE TECHNOLOGIES



V