DATA SHEET

C3 AI Decision Advantage

AI-Driven Common Operating Picture for Rapid Decision Support

Enhance Awareness

through a multi-modal, near real time common operating picture across a complex multiplicity of intelligence collection domains.

Enable Analysts

to task collection assets to track critical targets and threats throughout the mission lifecycle.

Enable Fluid Collaboration

among intelligence analysts, operations planners, and warfighters.

C3 AI® Decision Advantage fuses multi-domain (land, air, sea, space), multi-source (SIGINT, HUMINT, GEOINT, etc.), and multi-modal (structured, unstructured, image, video, etc.) data into a unified federated data model with near real time geospatial and temporal representation of all entities. The application creates and continuously updates relationships among surface, subsurface, air and space entities – hostile, friendly, and neutral.

C3 AI Decision Advantage enables identification and monitoring of any subset of those entities in an area of interest for the purpose of tracking specific missions, deployments, threats, and targets. Entities are recursively assessed, fused, and resolved - enabling a holistic, continuously updated, multi-domain common operating picture.

C3 AI Decision Advantage's federated object model seamlessly integrates with existing DoD/IC data systems. The application also delivers a trustworthy, high-fidelity entity catalog for rapid target identification and ongoing, high accuracy monitoring.

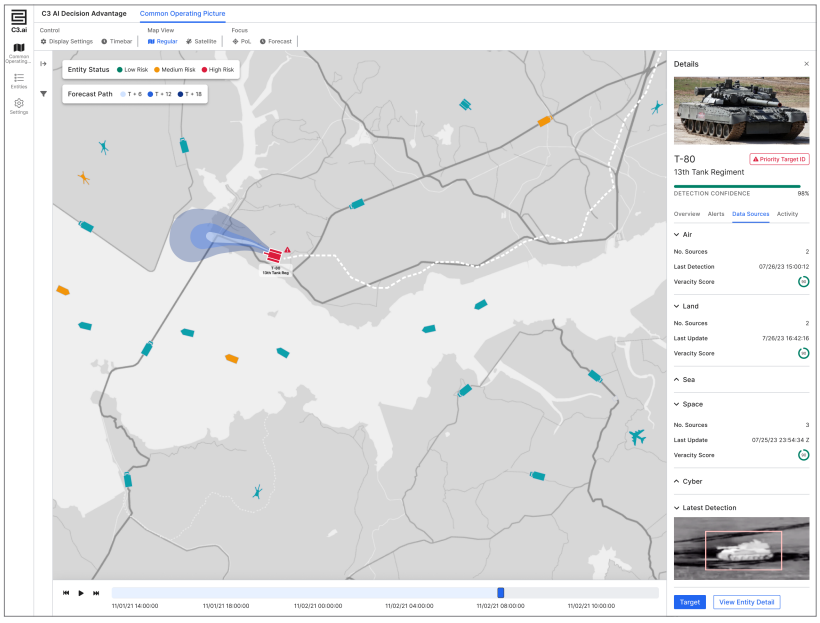

Figure 1. *C3 AI Decision Advantage delivers a near real time common operating picture across hostile, friendly and neutral entities.*

Feature Summary

- **Connect and fuse multi-domain data** and sensors into a cohesive, unified federated data model.
- **Utilize advanced data fusion pipelines** to detect and resolve related entities, providing an accurate common operating picture.
- **Synchronize teams** of intelligence analysts, operations planners, and warfighters to share information through a collaborative application workflow.
- **Monitor critical entities** and verify positions with AI-driven insights and recommendations.
- **Assign intelligence collection assets** dynamically, as needed, to monitor situational awareness and mission status.
- **Optimize tasking** of intelligence collection assets.
- **Use AI-powered image analysis and classification** to perform battle damage assessments and situational analysis.
- **Seamlessly integrate with existing data infrastructure** to accelerate access to AI insights without disrupting current processes.

Ready to Deploy Today

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