

C3 AI Decision Advantage

Accelerate Decision Making Cycles with AI

C3 AI® Decision Advantage is an AI-enabled application suite that transforms how national security agencies understand and practice domain awareness, collection management, and battle management. C3 AI Decision Advantage leverages the patented C3 AI Platform and next-generation Multi-INT data fusion, AI/ML models, and optimization algorithms to accelerate intelligence cycles and kill-chain processes. Using C3 AI Decision Advantage, collections managers, analysts, and decision-makers can:

- Connect siloed data sources to create a unified data image, fusing Multi-INT data and providing a common operating picture
- Identify false or spoofed data with native data veracity algorithms
- Optimize collection management with AI-recommended sensor orchestration, collection schedule optimizations, and native information collection management workflows
- Leverage AI-enabled threat detection and recognition algorithms to complement human decision-making
- Accelerate and deconflict kill-chains through sensor-to-effector application interoperability
- Improve workforce collaboration and efficiency among joint and partner forces using native alert and case management workflows

C3 AI Decision Advantage aggregates disparate structured and unstructured data on an object-based unified data model that integrates with existing DoD/IC data fabrics. The application unifies disparate multi-INT, multi-source data and applies data veracity algorithms to ensure a trustworthy, high fidelity data fabric for down-stream applications. Additionally, C3 AI Decision Advantage alerts analysts and data managers on sensor health concerns to identify and treat potential data quality issues.

Feature Summary

- **Connect and unify disparate data** across sensors into a cohesive data fabric
- **Utilize cutting-edge AI and ML** to detect and resolve data veracity issues
- **Identify, track, and exploit** real-time intelligence seamlessly
- **Accelerate sensor-to-effector** timelines with AI solutions across F2T2EA tasks
- **Employ AI-driven optimizations** to rapidly develop collection schedules and synchronization matrices
- **Synchronize disparate teams** and share information through a true common operating picture
- **Augment human decision-making with AI** to identify and analyze targets of interest
- **Automate** current tedious and manual processes for collections requirements and tasks
- **Track and access enterprise data quality** trends, including data gaps and entry errors
- **Use AI-powered image analysis and classification** to perform battle effects analyses
- **Seamlessly integrate with existing data infrastructure** to accelerate access to AI insights without disrupting current processes

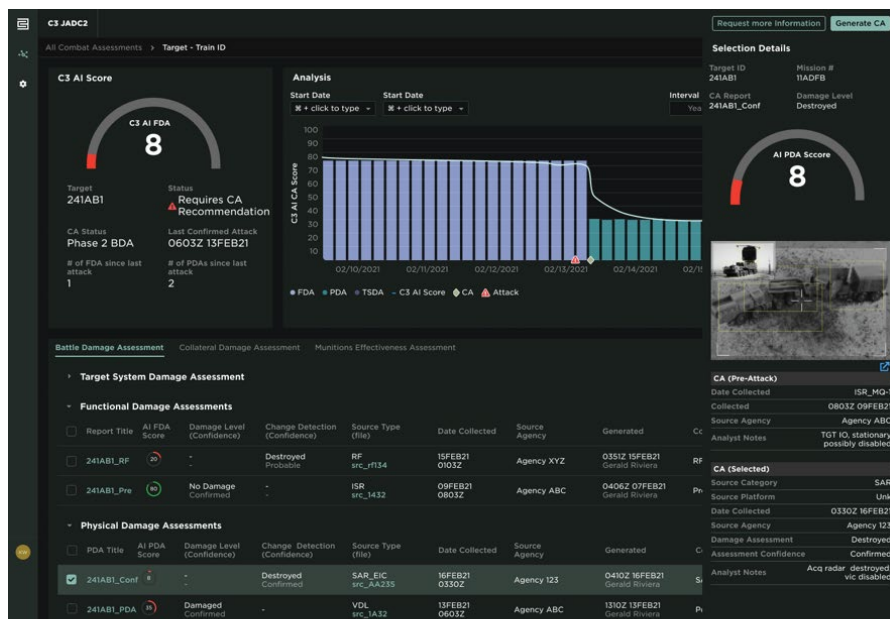


Figure 1. C3 AI Decision Advantage provides configurable dashboards, allowing users to monitor near real-time insights vital to operations and take actions critical to mission success.

Collect Information, Synthesize Intelligence, and Make Decisions

C3 AI Decision Advantage provides solutions across three mutually supporting applications: C3 AI Domain Awareness, Collection Management, and Battle Management

C3 AI Domain Awareness provides a foundational unified data layer for down-stream applications and data managers. The patented C3 AI Application Platform can integrate with any and multiple different data fabrics to offer a unified view of the underlying data objects, as well as serve data as part of a data marketplace. Configurable workflows improve the trustworthiness of the common operating picture.

Robust AI models and intuitive workflows power the Collection Management application. The module provides decision makers and collection managers a seamless means to prioritize intelligence requirements, create optimized collection tasks, and process requests for collection through multi-INT fusion, sensor orchestration, and ISR scheduling optimization.

Powerful and efficient workflows put the right data in the hands of analysts and decision-makers at the right time.

C3 AI Battle Management is at the heart of complex and time-sensitive kill-chains. C3 AI Decision Advantage uses advanced AI algorithms to synthesize intelligence and curate a list of high-priority targets for the operational analyst to investigate and recommend for action. For enhanced precision, C3 AI Decision Advantage provides the analyst and targeter AI-enhanced confidence intervals informed by the veracity and volume of the sensor data and image resolution confidence. Through tightly coupled AI models, C3 AI Decision Advantage can provide battle managers actionable insights from target analysis and decision support through combat assessment.

Common to all three C3 AI Decision Advantage applications are comprehensive and intuitive evidence packages that provide interpretability and boost confidence in AI recommendations. These evidence packages can be exported and shared across every echelon of command.

C3 AI Decision Advantage can be extended and customized for unique command and control features and mission requirements.

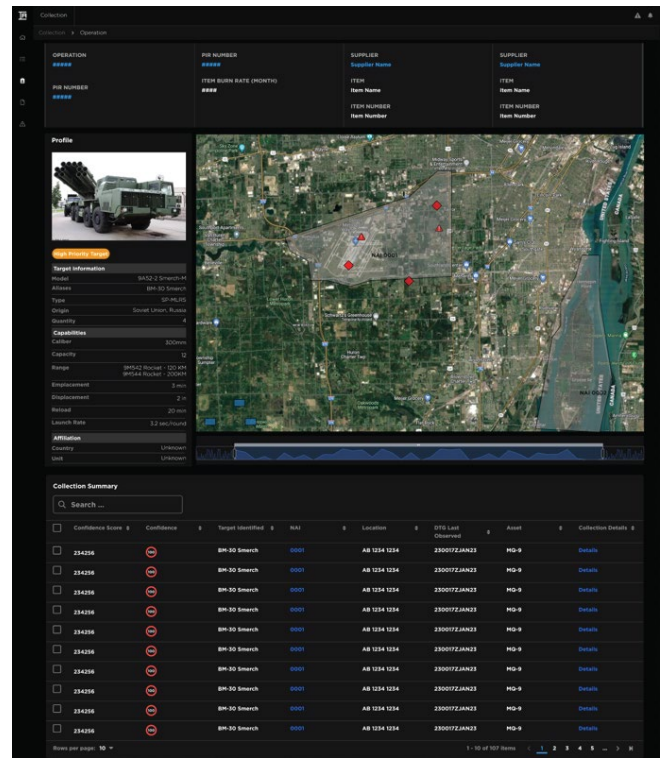


Figure 2. C3 AI Decision Advantage provides detailed evidence packages to support rapid decision making based on trustworthy, real-time data.

Use AI to Rapidly Collect, Process, and Exploit Data at the Edge

C3 AI Decision Advantage Benefits

The operational benefits of C3 AI Decision Advantage accrue through multiple levers:

- Enhanced situational awareness through the integration and validation of traditionally siloed sensor data
- AI optimized information collection puts the right data in the right hands at the right time
- Accelerated target resolution delivered by advanced target recognition algorithms
- Compressed time-to-action through AI-assisted target risk prioritization and nomination

Proven Results in 8-12 Weeks

Visit C3.ai/get-started