

# C3 AI Vision

## Experience the Future of Enterprise AI Applications with AI Insights Combined with 3D Visualizations and Digital Twins



### Enhance Context

with 3D visualizations to immediately surface key insights



### Add Geospatial Awareness

to achieve immediate macro-level understanding of operations



### Increase Actionability

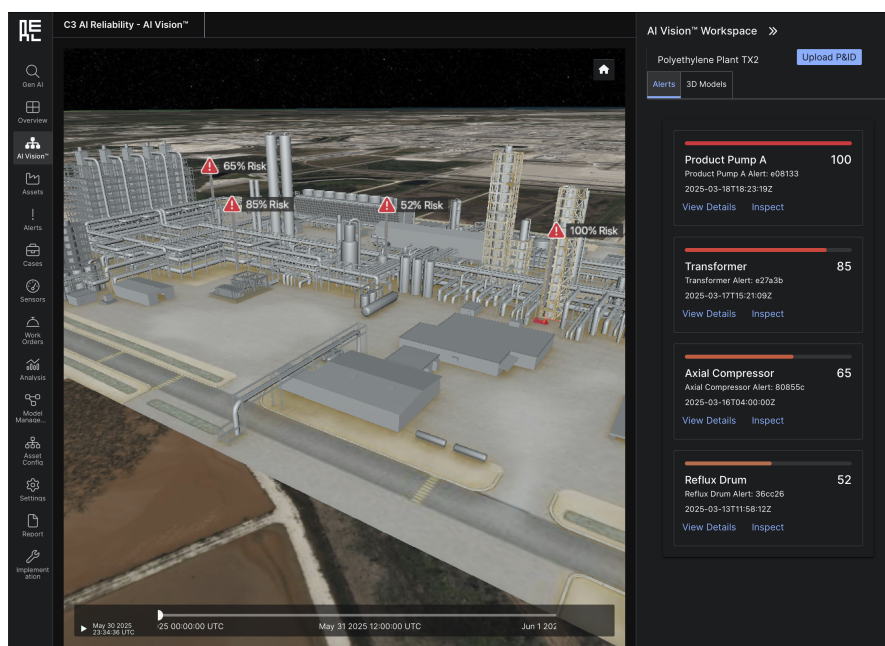
in a spatial environment via direct integration to existing workflows

C3 AI Vision™ is an interactive, immersive 3D visualization capability available in all C3 AI Applications, delivering a next-generation user interface for visualizing digital twins, geospatial data, and omni-modal enterprise intelligence. By combining advanced 3D rendering with geospatial and temporal analytics, C3 AI Vision delivers superior contextual clarity of complex asset systems, networks, and operational data in real-time, leading to accelerated decision-making and actionability.

C3 AI Vision uses digital twins to provide accurate, high-fidelity, virtual representations of physical assets and workflows with temporal status and optimized AI predictions for facilities, equipment, production lines, inventory, parts movements across supply chain networks, and more. Rapid digital twin creation is supported through ingestion of CAD models, scans, point cloud data, and Gaussian Splats – or via a vast C3 AI Vision asset library consisting of millions of pre-built 3D models, enabling rapid virtualization of physical environments.

### Feature Summary

- **3D Visualization** – Accelerate strategic, operational, and tactical decision-making using digital twin representations of assets, workflows, and operations, powered by immersive, AI-driven insights.
- **Interactive Interface** – Improve productivity by directly interacting with digital twins in an intuitive, spatial interface on a browser or in a Mixed Reality environment.
- **Temporal Insights** – View real-time status at-a-glance, rewind to analyze historical data, and play back to understand events as they unfold, all in the context of an interactive, spatial layout.
- **Device-Agnostic** – Experience C3 AI Vision on a tablet, PC, or across all major AR/VR device platforms including Apple Vision Pro, Meta Quest, Google AndroidXR, and other leading major XR hardware providers.
- **Digital Twins** – Virtualize assets through ingestion of CAD files, Gaussian splats, and other standard 3D formats for quick import, leading to easy visualization within the application.

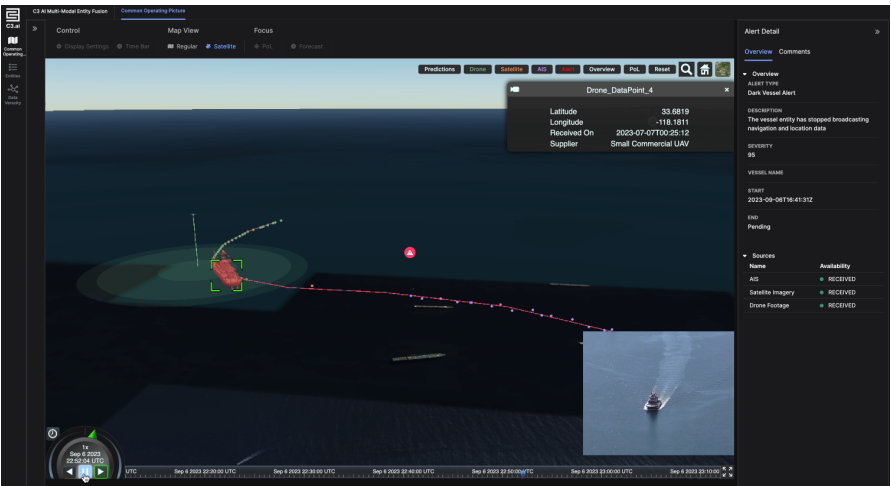


**Figure 1.** C3 AI Vision in C3 AI Reliability brings AI insights to life using digital twins, providing immediate context around system health and alerts for prioritizing actionability.

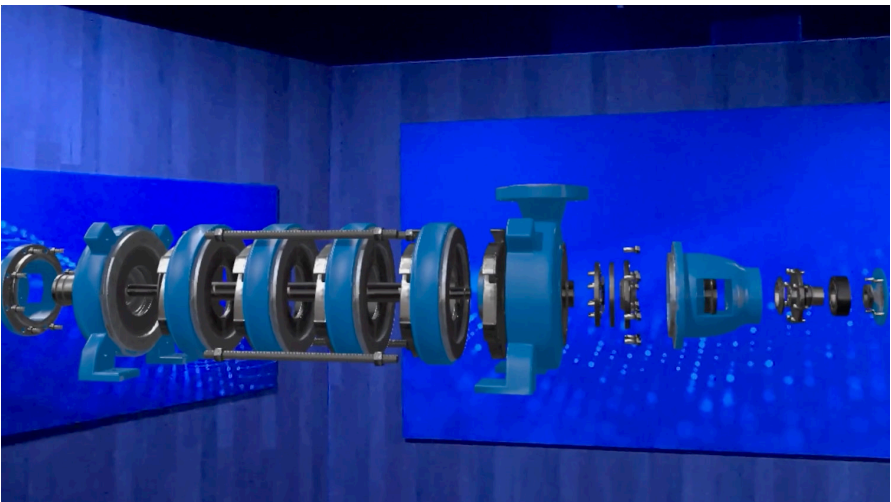
C3 AI Vision comes with all pre-existing C3 AI application connectors built-in, such as integration with work management systems for users to seamlessly launch work orders from within the C3 AI Vision application workflow.

C3 AI Vision is hardware-agnostic, scalable, and accessible from any device — web browser, computer, or tablet — and available on all leading Virtual Reality (VR) and Mixed Reality (MR) headsets as well as Augmented Reality (AR) glasses including those from Apple, Meta, AndroidXR, and more.

3D visualization capabilities are extended into the field as well, through AI-powered site maintenance, quality control, safety compliance, and training solutions where users are enabled with hands-free guidance via C3 Generative AI to fulfill work orders with greater speed, precision, and quality. With features including on-site remote assistance, multi-personnel collaboration, and image/video capture, C3 AI Vision is flexible enough to be used on-site, in the field, and with the decision-maker, to accelerate contextual insights and rapid, AI-enabled issue diagnoses, prioritization, and resolution across the enterprise.



**Figure 2.** C3 AI Vision visualizes omni-modal data in a common operating picture, enabling faster anomaly detection and powerful temporal analysis capabilities.



## Feature Summary (cont.)

- **3D Model Library** – Search an extensive library of millions of 3D virtual objects with plug-and-play capability, enabling virtualized construction and modification of digital twins
- **Common Operating Picture** – Visualize omni-modal data streams and intelligence in a common operating picture to enable faster anomaly detection and powerful real-time analysis with greater efficacy.
- **Generative AI** – Powered by generative AI capabilities, ask conversational questions in the field to quickly access operational know-how and AI insights using hands-free mixed reality devices.
- **Scenario Planning** – Visualize what-if scenarios in C3 AI Applications such as C3 AI Supply Network Risk, C3 AI Process Optimization, and more with newfound spatial abilities to better understand tradeoffs and best-case options for decision-making.
- **Maintenance and Training** – Extend work order instructions into the field using AI-powered lightweight XR glasses, saving time and rework on maintenance tasks while preserving institutional knowledge in the era of an aging workforce.
- **Computer Vision** – Capture, analyze, and visualize assets and production processes using object recognition for anomaly detection, quality control, and real-time analysis.

**Figure 3.** C3 AI Vision on a Mixed Reality device provides a new modality of interaction with digital twins that is superior to that of a flatscreen.

# Fast, Proven Results in Initial Production Deployment

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