C3.ai

C3 AI Asset Connect

Build the Data Foundation for Industrial AI

Data Hub

Unify all relevant asset and operational data to create a robust foundation for analytics

AI Ready

Jumpstart digital transformation initiatives such as AI-driven predictive maintenance

200+ Templates

Configure prebuilt asset templates covering common industrial equipment types

Visual Tooling

Create digital hierarchies directly through an interactive, visual interface

C3 AI® Asset Connect is an AI-powered application that helps engineering and digital teams build digital hierarchies of physical assets quickly through a simple interface. Users can connect asset data – including sensor tags, maintenance history and CAD files – into a unified foundation for machine learning and advanced analytics.

To accelerate time to value, C3 AI Asset Connect provides a flexible and scalable approach for creating asset hierarchies. Asset management engineers and data scientists can unify and standardize data sources such as the master tag list, failure mode libraries, and P&IDs on the C3 Agentic AI Platform.

Users can map real-world sensor data to digital asset hierarchies using C3 AI's library of over 200 prebuilt asset templates for common industrial equipment, including turbines, boilers, pumps, control valves, chillers, and heat exchangers. Each template comes with typical sensors, failure modes, and prescriptive recommendations. Teams can customize templates, add proprietary libraries to codify expertise, and save templates for reuse.

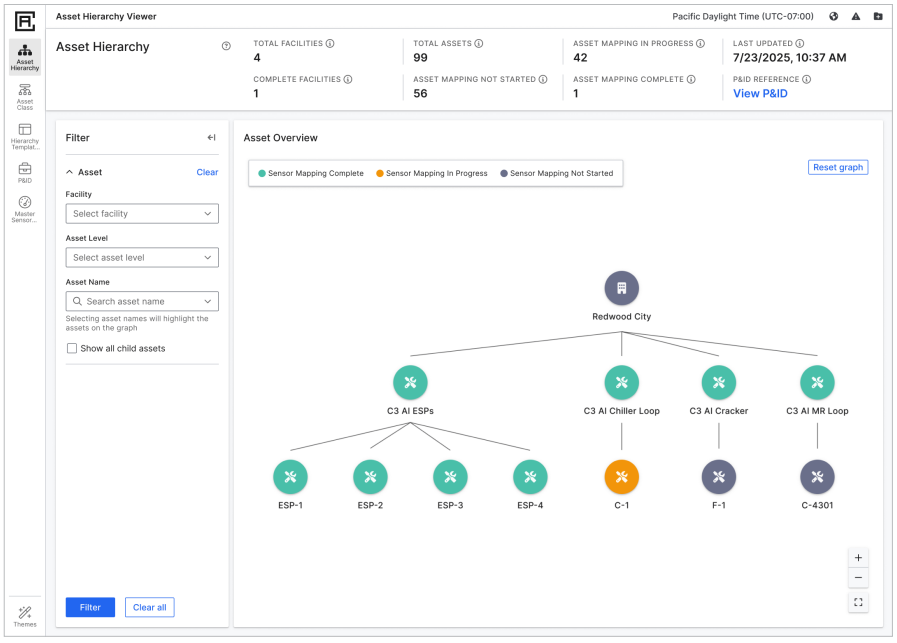

Figure 1. *C3 AI Asset Connect provides a flexible and scalable interface-based approach to construct digital asset hierarchies that serve as a centralized data hub for assets.*

Product Features

- **UI-based hierarchy creation** – Rapidly construct a digital representation of physical assets – including the interdependencies between assets, subcomponents, and their sensors – through the UI.
- **Pre-built asset templates** – Accelerate hierarchy creation with a library of over 200 configurable asset templates for common industrial equipment such as turbines, heat exchangers, control valves, pumps, compressors, and chillers.
- **Failure predictions** – Utilize failure mode libraries built into asset templates to enable AI initiatives such as AI-driven predictive maintenance.
- **Diagram parsing** – Leverage computer vision to parse P&IDs and automatically connect sensors, asset tags, and IDs to digital hierarchies.
- **Library of 3D models** – Choose from millions of prebuilt 3D models or bring your own to link to the asset hierarchy.

Once built, the hierarchy becomes a centralized hub where additional data such as work orders, manuals, and 2D / 3D models can be linked. Users can access millions of prebuilt 3D models or upload their own, creating a consistent, organization-wide representation of assets.

With C3 AI Asset Connect, organizations can build digital hierarchies once and scale them across multiple facilities, AI applications, and enterprise-wide digital transformation initiatives. C3 AI Asset Connect provides a flexible, consistent data foundation that powers AI and analytics at scale.

Product Features (cont.)

- **Integrated workflow** – Enable data science and engineering teams to collaborate on a single platform to create and validate asset hierarchies.
- **Scalable approach** – Scale quickly to large fleets, plants, and diverse types of assets by creating custom templates and hierarchies for reuse.
- **AI applications** – Leverage digital hierarchies to quickly populate data for C3 AI applications, including C3 AI Reliability and C3 AI Process Optimization.

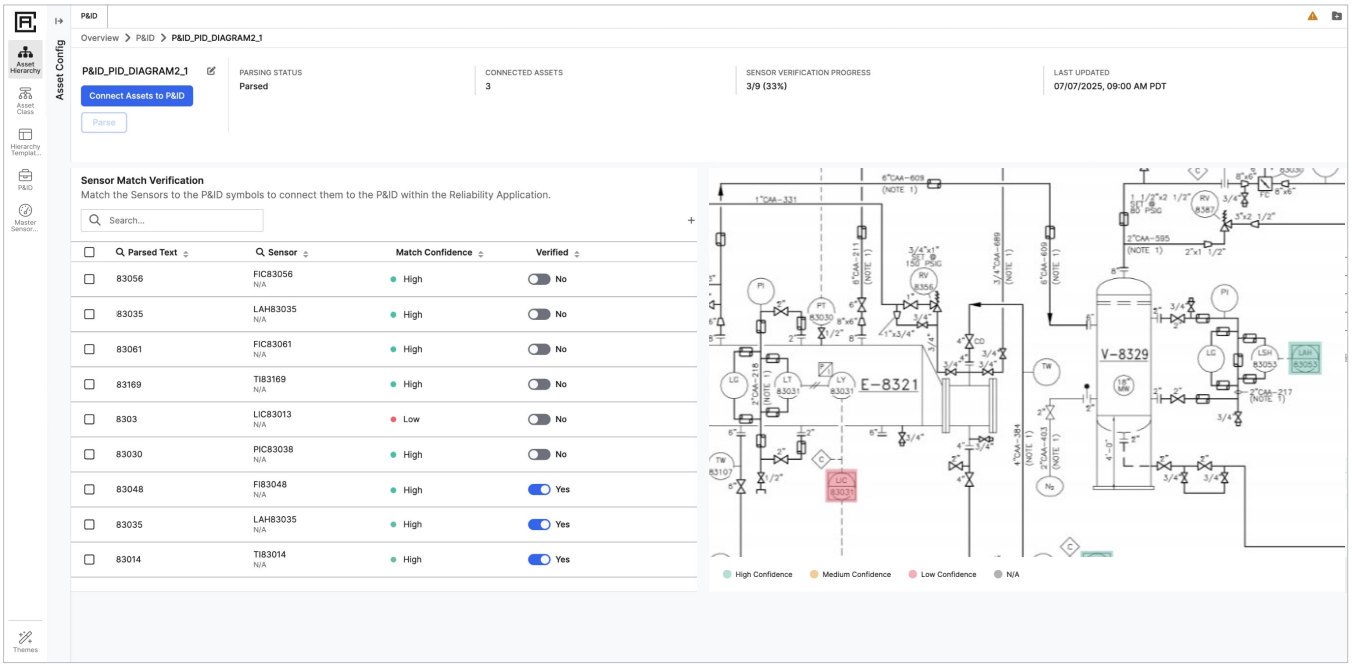

Figure 2. *Parse P&IDs and connect sensors, tags, and IDs to digital hierarchies.*

Fast, Proven Results in Initial Production Deployment

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