C3.ai

C3 AI Residential Property Appraisal

Increase Appraisal Efficiency and Accuracy

C3 AI® Residential Property Appraisal provides fair, defensible, and accurate property appraisals without compromising on AI explainability or transparency.

40%
increase in valuation model accuracy

4x
improvement in appraiser speed and efficiency

1.5-2%
higher tax collection

C3 AI Residential Property Appraisal unifies all structured and unstructured data across internal and external sources and emulates all legally compliant valuation methodologies including sales comparable and cost-based valuation across residential properties such as single-family houses, condos, townhouses, and more.

C3 AI Residential Property Appraisal produces accurate and timely market valuations of residential real estate through enhanced AI modeling, using an efficient appraiser workflow while meeting industry standards and benchmarks (e.g., International Association of Assessors Officers - IAAO). Appraisers are equipped with data-rich dashboards and actionable workflow tools that leverage AI recommendations to accelerate appraisals in a consistent, transparent view. Each step of the appraisal process is automatically recorded and stored in AI-based evidence packages to help expedite potential appeals and minimize property tax revenue at risk.

With C3 AI Residential Property Appraisal, County assessors, supervisors and chief assessors can increase appraisal accuracy, accelerate timelines, and drive consistency across assessors.

Feature Summary

- **Multiple AI-based valuation methods** – Leverage AI-powered valuation methods including income capitalization, sales comparable, and cost-based valuation for residential property appraisal

- **Unified view of all valuation data** – Unify all structured and unstructured valuation data across internal and external sources

- **Industry standards (e.g., IAAO)** – Track performance of neighborhoods, zones, and townships according to industry standards and benchmarks

- **Single pane of glass** – Access all internal and external valuation data (e.g., property information, comparable properties, market statistics) in a single pane of glass

- **Continuous feedback loop** – Provide input to continuously improve accuracy of AI models

- **Executive dashboard** – Unified view to track roll close, assessor workloads, appraisal status, and performance

- **Data governance and auditability** – Empower IT teams to continuous monitor data pipeline and data quality

- **Reporting** – Pre-populate and generate reports compliant with regulatory standards

- **End-to-end Model Ops** – Automate model tracking, review model inference statistics, identify model drift, and monitor feature relevance and importance
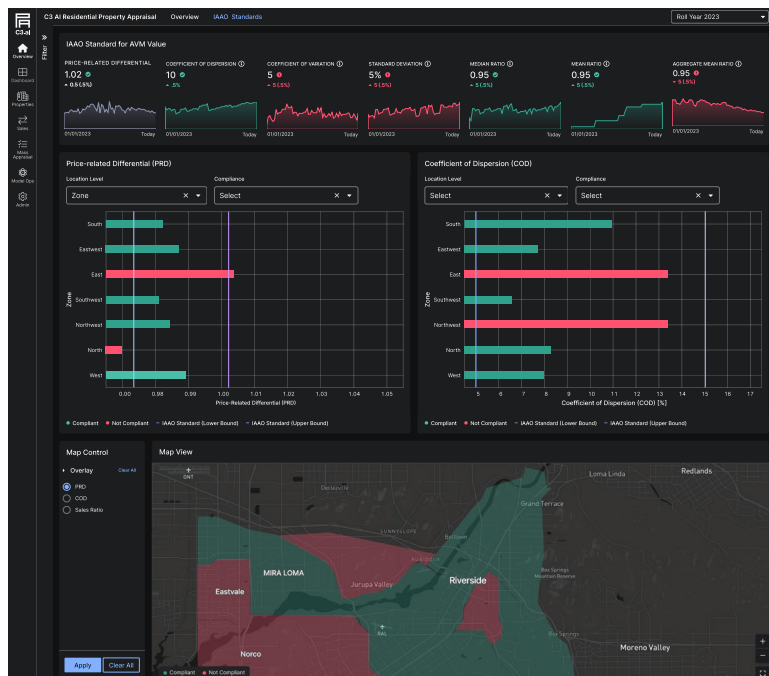

Figure 1. *C3 AI Residential Property Appraisal dashboard presents an overview of key industry standards.*

Boost Appraiser Efficiency with AI Assisted Workflow

C3 AI Residential Property Appraisal embeds AI for automated valuations, condition rating, comparable selection, and adjustment calculations.
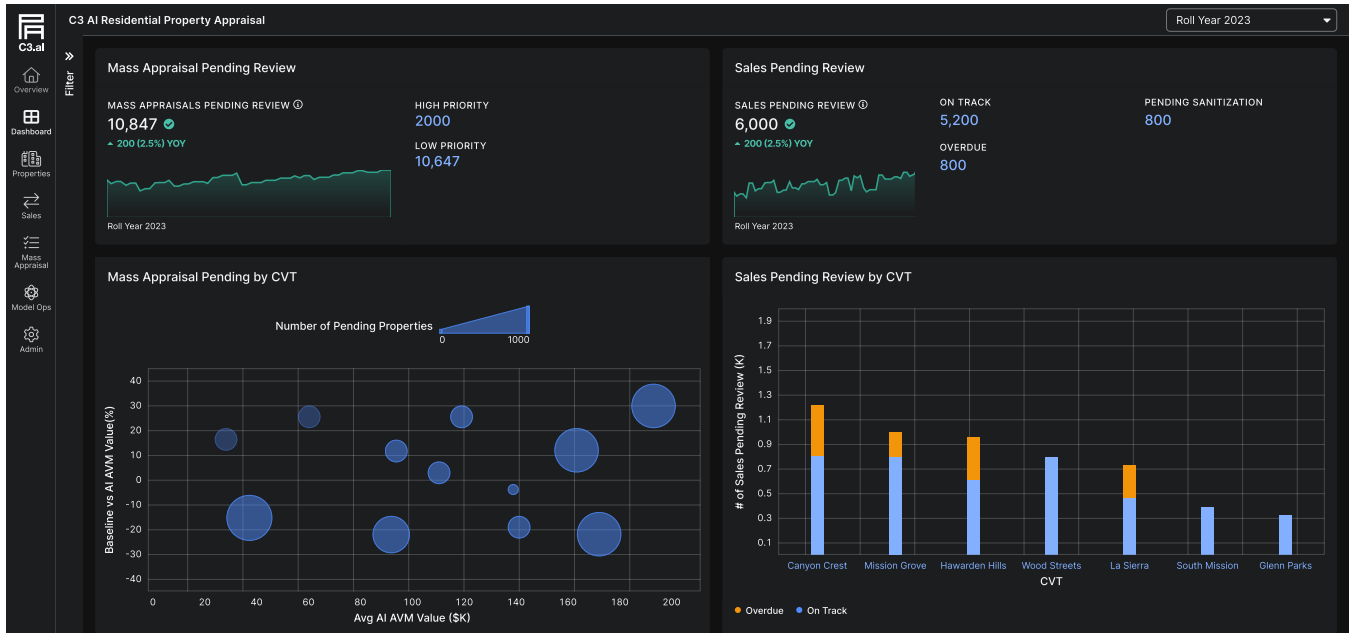

Figure 2. *C3 AI Residential Property Appraisal dashboard presents appraisers with an overview of pending appraisals and key metrics for their jurisdiction.*

Benefits of C3 AI Residential Property Appraisal

- **Automates the tedious and costly process** of data aggregation necessary to complete a property appraisal

- **Applies the full power of AI to produce highly accurate real property appraisals** consistent with best practices

- **Enhances assessor workflow** to dramatically reduce the time and cost to complete accurate, defensible property valuations for assessment purposes

- **Provides comprehensive evidence packages with each appraisal** to reduce the cost and complexity of adjudicating appraisal protests

- **Triages and prioritizes appraisals** automatically

- **Scales to any number and type of residential properties** with a flexible architecture that supports millions of machine learning models in production
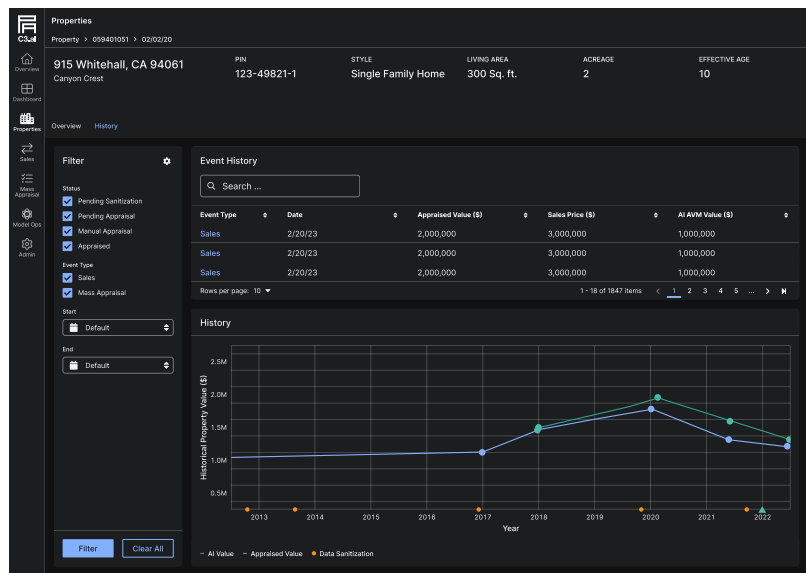

Figure 3. *C3 AI Residential Property Appraisal provides AI-generated comps that support various valuation methodologies.*

Proven Results in 8-12 Weeks | Visit C3.ai/get-started