SYSH Innovations

CASE STUDY

GIS-ASSISTED VERIFICATION & CAMA VALIDATION

Palm Beach County Sketch Verification & CAMA Validation

A large-scale, GIS-assisted verification program reviewing approximately 692,720 parcels against Palm Beach County's CAMA system, identifying discrepancies, and detecting new construction through imagery-based verification.

- 692,720 PARCELS REVIEWED
- ~36% DISCREPANCIES IDENTIFIED
- SyGIS + CAMA + STREET VIEW

PALM BEACH COUNTY, FL

CLIENT	CORE TECHNOLOGY	PREPARED BY
Palm Beach County	SyGIS · Proprietary Software	SYSH Innovations

CLIENT BACKGROUND

Verifying nearly 700,000 parcels against a live CAMA system

Palm Beach County, Florida, required a comprehensive sketch verification and property data validation program to improve the accuracy of its property assessment database.

The project involved reviewing approximately **692,720 parcels**, validating building information against the County's Computer-Assisted Mass Appraisal (CAMA) system, and identifying new buildings and property changes through imagery-based verification.

692,720

Parcels reviewed across condominium complexes, split-level buildings, and dense urban development — validated directly against the County's **CAMA system**.

BUSINESS CHALLENGE

A dense, high-complexity property landscape

The project presented several unique operational challenges. Palm Beach County contains a large number of condominium complexes, split-level buildings, and densely developed urban areas, making traditional parcel-based work allocation inefficient.

Property Complexity

- High concentration of condominium complexes and split-level buildings.
- Densely developed urban areas made parcel-based allocation inefficient.

Data & Production Needs

- Selected CAMA attributes required verification against field conditions.
- Special-condition properties needed clear flagging for technicians.
- Newly constructed buildings not yet reflected in the property database.

THE SYSH SOLUTION

A GIS-assisted verification workflow built for scale

SYSH enhanced its proprietary SyGIS platform to create an efficient GIS-assisted verification workflow, purpose-built for Palm Beach County's property mix.

- Integration of CAMA verification flags directly into the production workflow.
- Spatial grid-based work allocation for condos and multi-parcel buildings.
- Point-based field data collection for precise discrepancy location.
- Automated identification of properties requiring rework.
- GIS-assisted verification using current aerial and street-level imagery.
- Technicians focused on high-value tasks with consistent production quality.

TECHNOLOGIES USED

SyGIS

SYSH's proprietary ArcGIS plug-in

The project was powered by SyGIS, designed specifically for property assessment workflows. Key capabilities included:

- Intelligent parcel navigation.
- Search-based production workflow.
- Dynamic display of selected CAMA attributes.
- GIS-based verification tools.
- Integration with Google Street View for rapid visual confirmation.
- Spatial work allocation and production management.

These capabilities streamlined the verification process and significantly improved technician productivity.

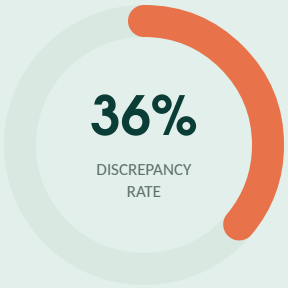
PROJECT EXECUTION

A structured, GIS-assisted verification workflow

By presenting critical CAMA attributes directly within the production interface and combining them with spatial work allocation, technicians were able to efficiently review complex property types while maintaining high production consistency. The customized workflow minimized unnecessary navigation and reduced manual effort throughout the verification process.

RESULTS & BUSINESS VALUE

Assessment intelligence delivered at County scale



692,720 parcels verified — 36% flagged for discrepancy against CAMA records

Each flagged property was classified as **Major** or **Minor** for prioritized follow-up, with properties requiring field inspection clearly identified and new buildings detected through imagery verification.

692,720

Parcels verified across the County's full property portfolio.

2 tiers

Major and Minor discrepancy classification for prioritized action.

Precise point-based location capture was recorded for every flagged property to support efficient follow-up activities.

LONG-TERM VALUE

A prioritized roadmap for future assessment activities

The verification results provided Palm Beach County with a prioritized roadmap for future property assessment activities.

Major discrepancies identified through the project could be addressed through targeted site inspections or advanced sketch modification, enabling the County to make informed decisions regarding property record maintenance and future assessment updates.

CONCLUSION

Scalable verification, built for complex jurisdictions

The Palm Beach County project demonstrates SYSH's expertise in combining GIS technology, CAMA integration, workflow automation, and proprietary software to support large-scale property assessment verification.

> *"By leveraging SyGIS and customized production workflows, SYSH delivered a scalable and efficient solution capable of identifying high-value property discrepancies while improving the quality and reliability of County assessment data."*

PROVEN SCALE

692,720 parcels verified across condominiums, split-levels, and dense urban parcels.

ACTIONABLE INSIGHT

36% discrepancy rate classified by severity for prioritized County follow-up.

CAMA-INTEGRATED

Verification flags built directly into the County's assessment system workflow.

Let's discuss your verification program

SYSH Innovations · Local Government & GIS Solutions

Get in Touch