Transforming Legacy Applications with EagleView Integration

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Transforming Legacy Applications with Pictometry Integration

**Agenda:**

- About the LA County Assessor
- Background
- Use Case
- EagleView Integration
- Q&A....

http://assessorportal.laassessor.co.la.ca.us/
About the Assessor

What we do:

• Locate All Property in LA County.
  • 2.4 Million parcels/properties.
  • 300k Business assessments.

• Identify the Owner of Each Property.
  • Review 350,000 recorded documents each year.

• Establish an Assessed Value for Each Property.
  • Complete 500,000 Appraisals per year.

• Apply All Legal Exemptions.

• Complete an Assessment Roll.
  • $1.3 Trillion Dollar Roll ≈ $13 Billion in Revenue

Statistics and figures from the 2016 Assessment Year
About the Assessor

When we reassess:

2016 Workload
800,000 Items Reviewed

Change in Ownership (Deeds):
370,000 Reviewed
128,000 Reappraisable

New Construction:
250,000 Permits Received
90,000 Appraisable

Decline-in-Value:
162,000 Appraisals

Appeals: 29,000

Decline-in-Value
2004 - 2016

Workload changes with economic conditions

Statistics and figures from the 2016 Assessment Year
The Challenge: “Green Screens”

The existing core legacy system consists of a mainframe built with 1970’s technology that is now over 30 years old. It contains cryptic historical codes, keys, acronyms, and other language that users must either memorize or look up in manuals.

Limitations:

- 1970’s Technology.
- Limited Search.
- Poor Navigation.
- Cryptic Codes & Keys.
- No Reference to Location.
- Device Dependent – No Mobility.
- Lack of Scalability – No Change.
Property Characteristics codes/keys:
- Single Family Home
- Pool
- Central Air Conditioning
- Wood Frame
- Average Construction Quality

Location, Location, Location......
WHERE? Los Angeles
The Solution: **Assessor Portal**

The Assessor’s Office created an interface, called the Assessor Portal, that provides legacy assessment information in a modern, friendly, and intuitive environment. This interface solved some immediate needs while the Department began planning for the long term replacement of the legacy system. Most importantly, it began the significant change management process that long term solutions were anticipated to face.

**Benefits:**
- Modern “Responsive” Interface
- Enhanced Search Options
- Simple Navigation
- Translation of Codes & Keys
- GIS and Mapping Capabilities
- Device Independence - Mobile
Use Case

Measure EE

“Measure EE would raise local property taxes to help both traditional public schools and privately operated charter schools in the Los Angeles Unified School District. It will go before voters who live within the boundaries of the school system on June 4 and must win two-thirds approval to take effect.”

LA Times

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Use Case

Measure EE

“The original language, as approved by the Board of Education, defines what can be taxed as “habitable main square footage as measured by the Los Angeles County Assessor and as maintained in the Assessor’s electronic reports.”

But a different definition appears on the ballot: ‘the square footage of all buildings or structures erected on or affixed to the land.”

LA Times

http://assessorportal.laassessor.co.la.ca.us/
**Thought Experiment**

**Measure XX**

- Square footage of (and/or other information about) garage is needed
- How do we do “data recovery” (i.e., data cleansing)?
  - EagleView Integration
  - E-GIS
  - Building records

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