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# LARIAC 7: Kick-off

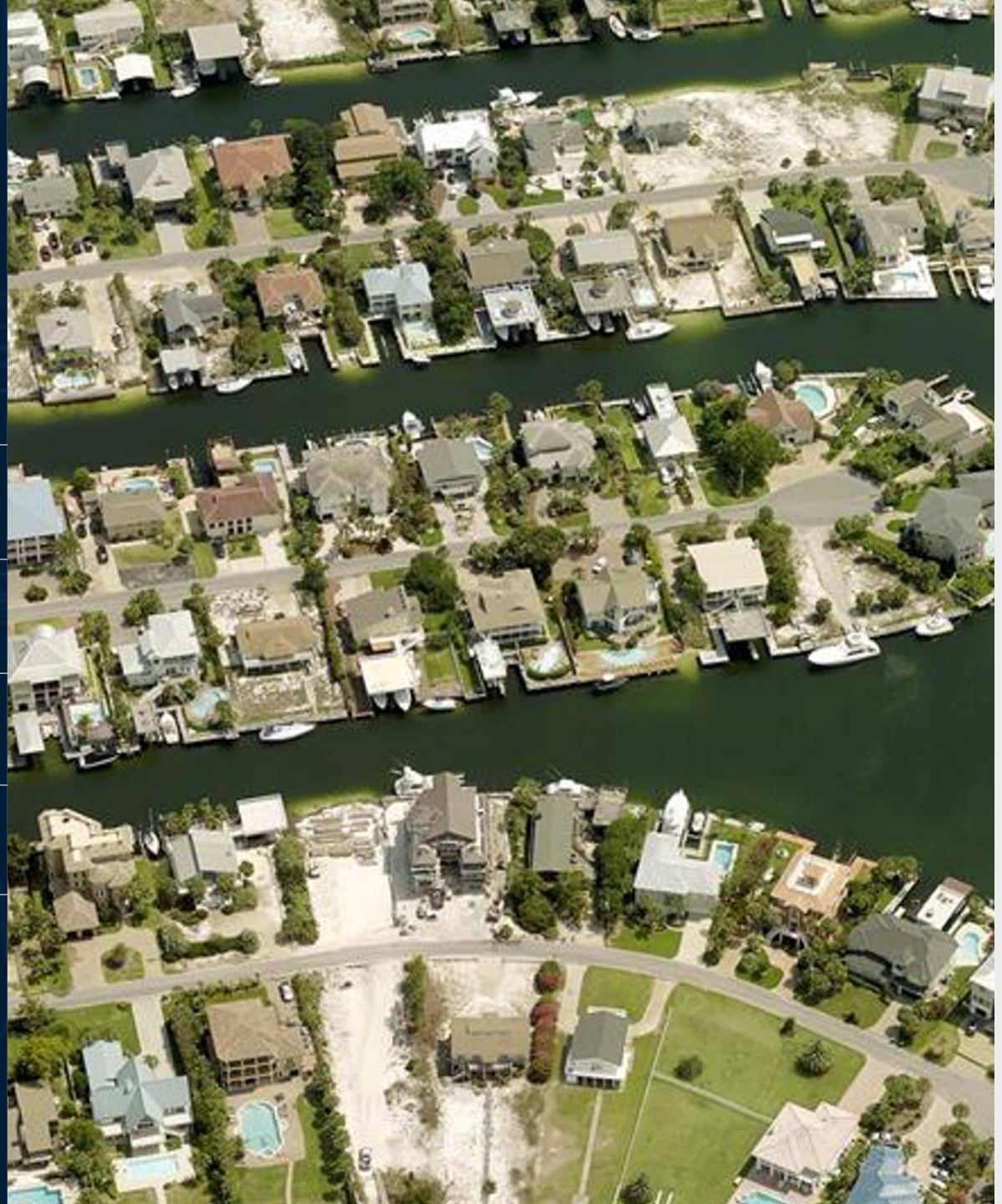
## Everything EagleView

District Manager:

Arjun Cardoza

# Agenda:

1. Introduction & Taos Imagery History
2. Background of LARIAC and EV
3. Who we are
4. Everything Eagleview
5. Solutions, EV Cloud and AI/ML



# Background of Eagleview & LARIAC

Vendor to LARIAC since early 2000's for LARIAC2

Assist LARIAC by providing imagery and support to approximately 55+ Cities, Local/State/Federal Agencies, and Educational Institutions

Five LARIAC imagery projects completed, wrapping up our 6$^{th}$ project: LARIAC7

# About EagleView

Aerial imagery, software & analytics

**1,000+** employees

Headquarters: **Bellevue, WA** **Rochester, NY**

Formerly named **Pictometry**

Founded in **1998**

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# EagleView: Total Integrated Solution

## Oblique Imagery

## Easy-to-Use Software

## Integration With Popular Applications

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# An Industry Leader

- **300+ patents** for cameras, sensors and technology
- Imagery covering **94% of the U.S. population**
- **90% customer retention rate**
- **Certified GISPs** on our team
- **Over 1 billion images** in our database

# Everything EagleView:

## Software, Solutions, & What's New

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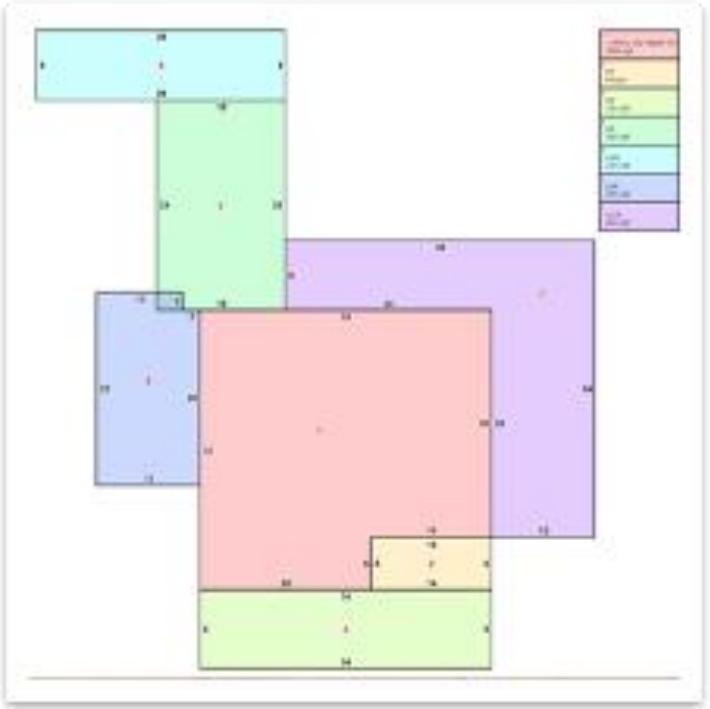
# Change Detection using ChangeFinder

Compares imagery to detect parcel change and allows assessment teams to review and validate the information from the desktop, reducing the amount of travel and field time. Meets IAAO standards.

Building Outline

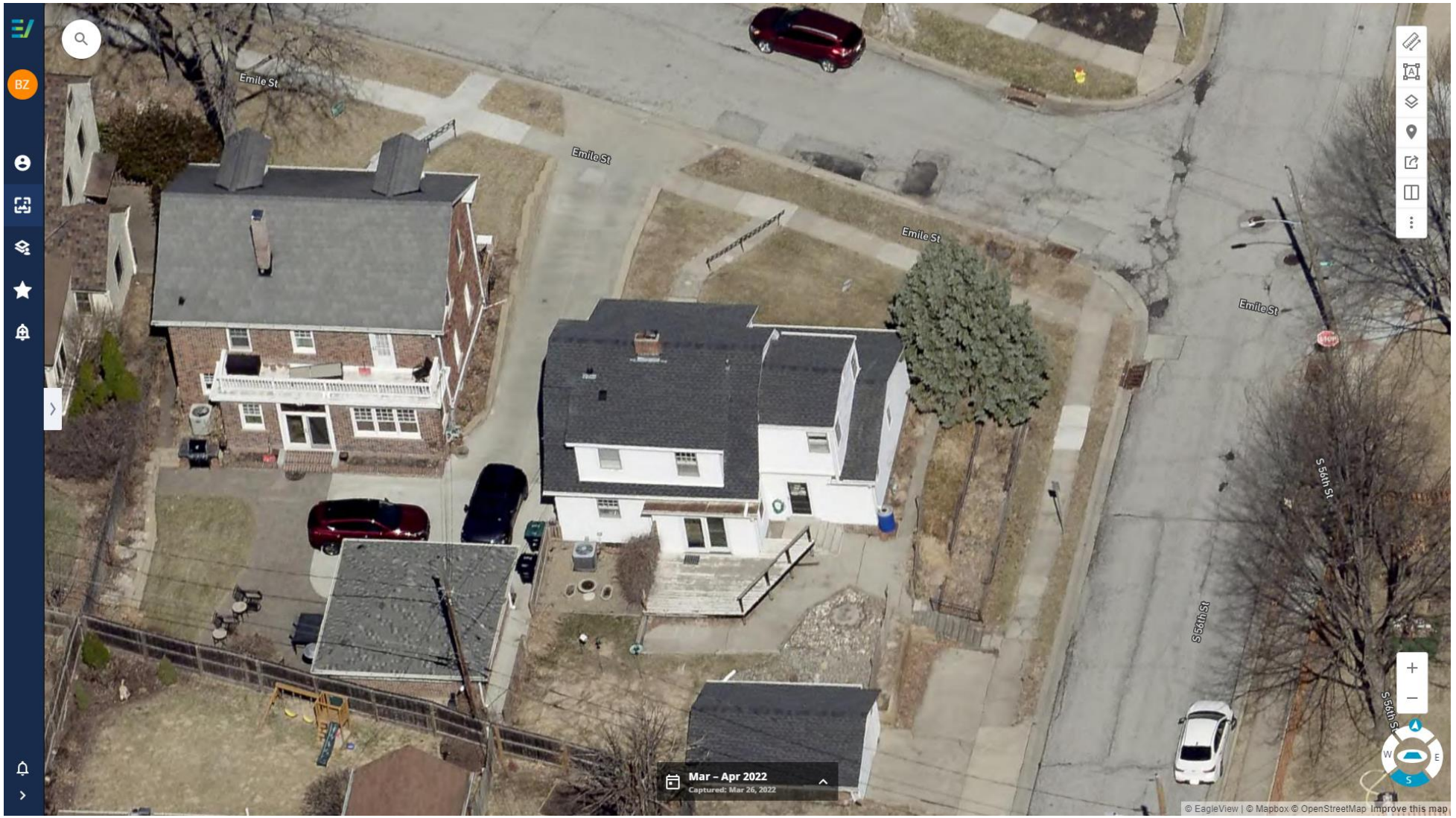
Property Sketch



Sketch Inspect
minor mismatch

# Sketch Inspect

One comprehensive platform to view and manage sketches, find and review inaccuracies, identify structures that don’t have sketches, and update the data




# 1-Inch Oblique Imagery

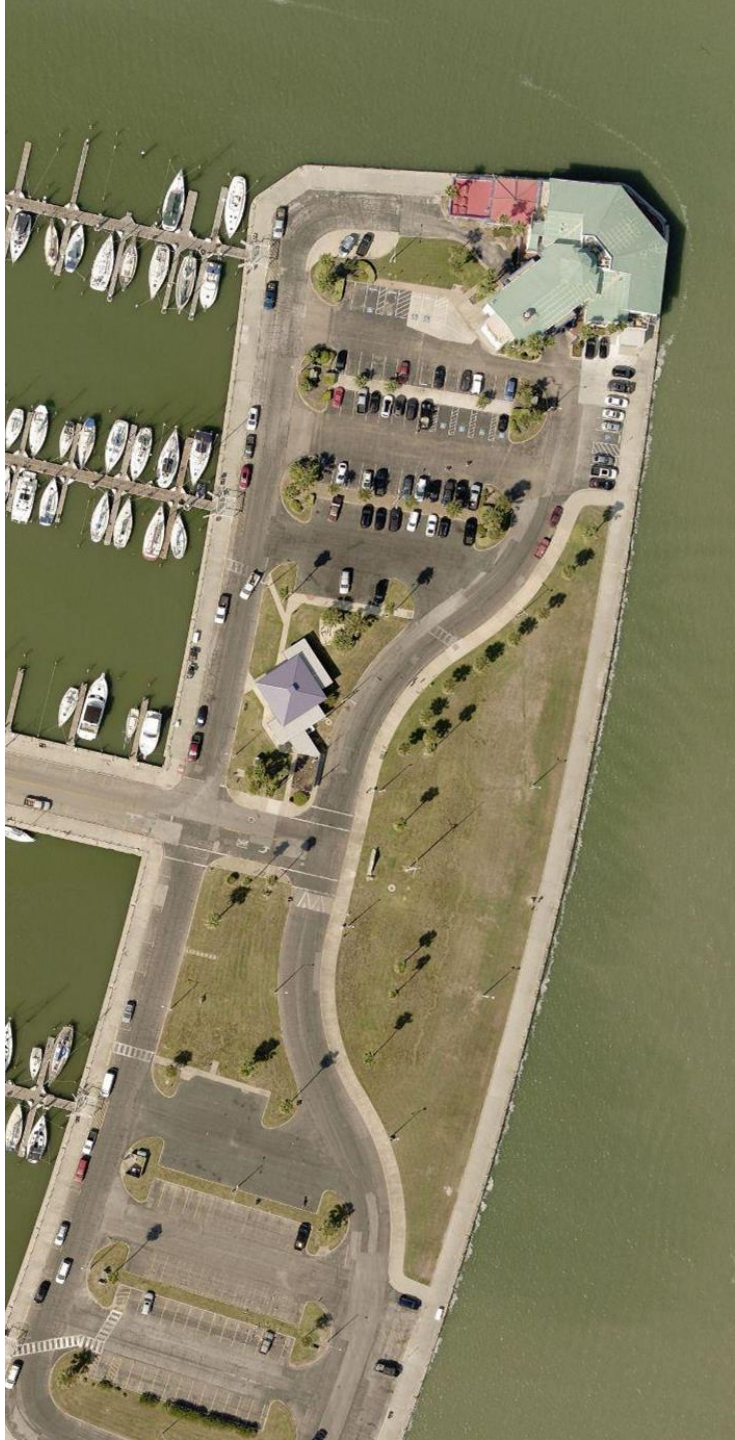
The industry's highest standard in imagery. Each pixel represents 1-square inch. Clear and detailed insights all from your desktop.

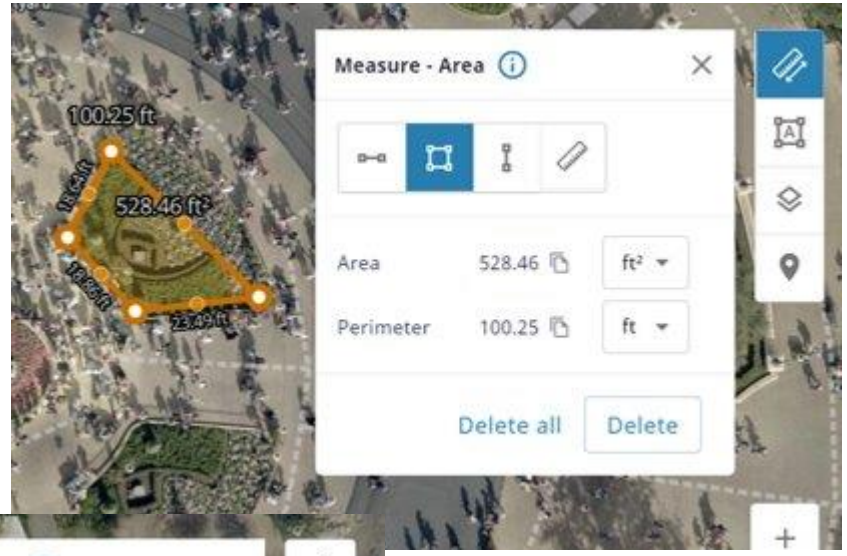
# 3-Inch Frequent Ortho

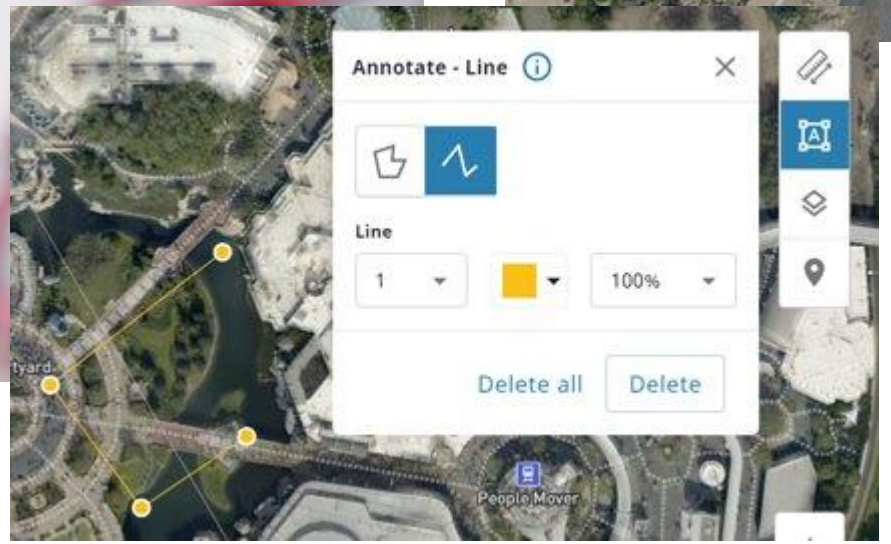
EagleView Cloud customers can add value-oriented, 3-inch GSD orthomosaics to flight plans

**Benefits:**

- Refresh imagery multiple times per year
- Complement certified and oblique captures
- Enable more frequent change analytics






# EV Cloud Explorer (Beta)

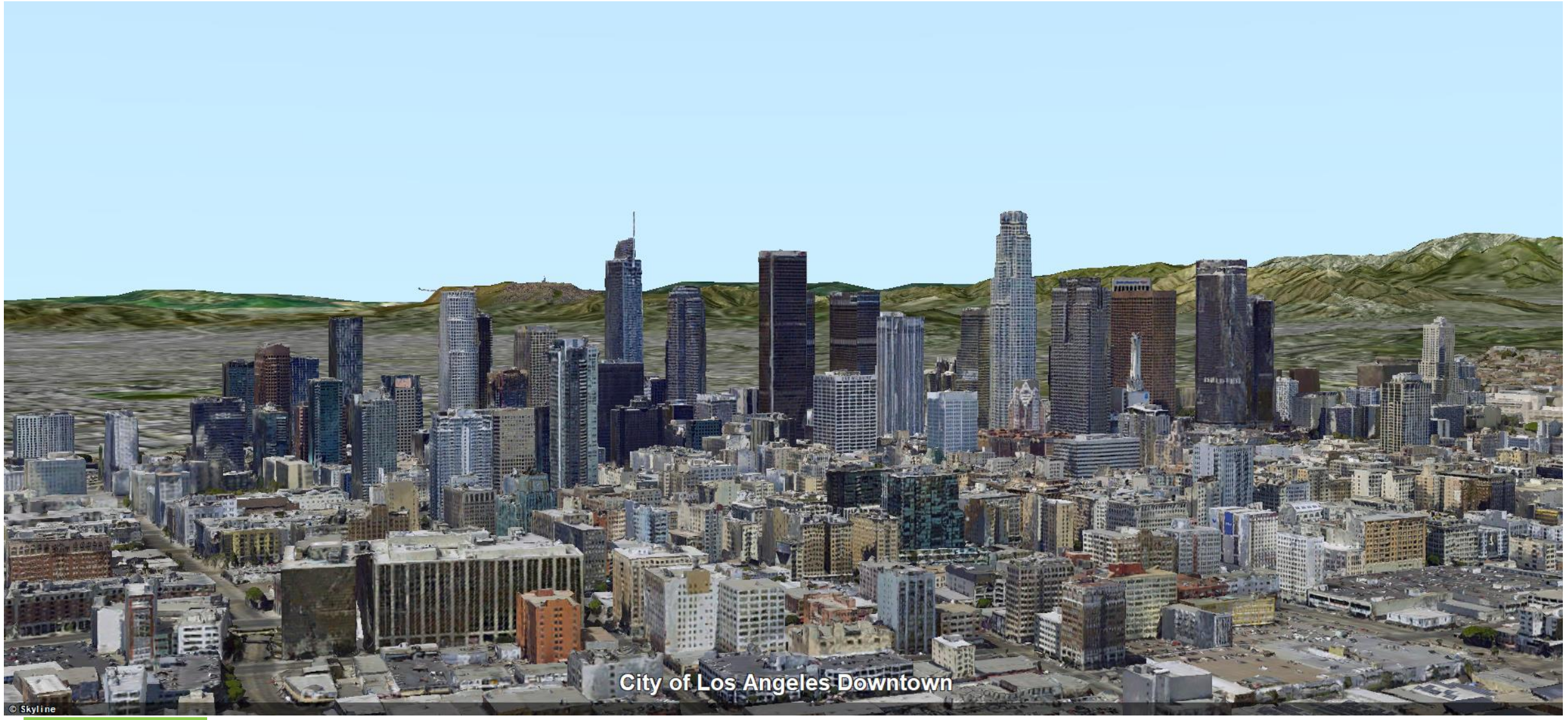
## Brand new platform that has updated features

- Faster navigation with no blank space around images
- Live measurement tools
- More UI customization and better layer support
- Alternative image gallery with thumbnails
- Easier to integrate
- Uses Single-Sign On (SSO) Credentials

# Near-Infrared (NIR)

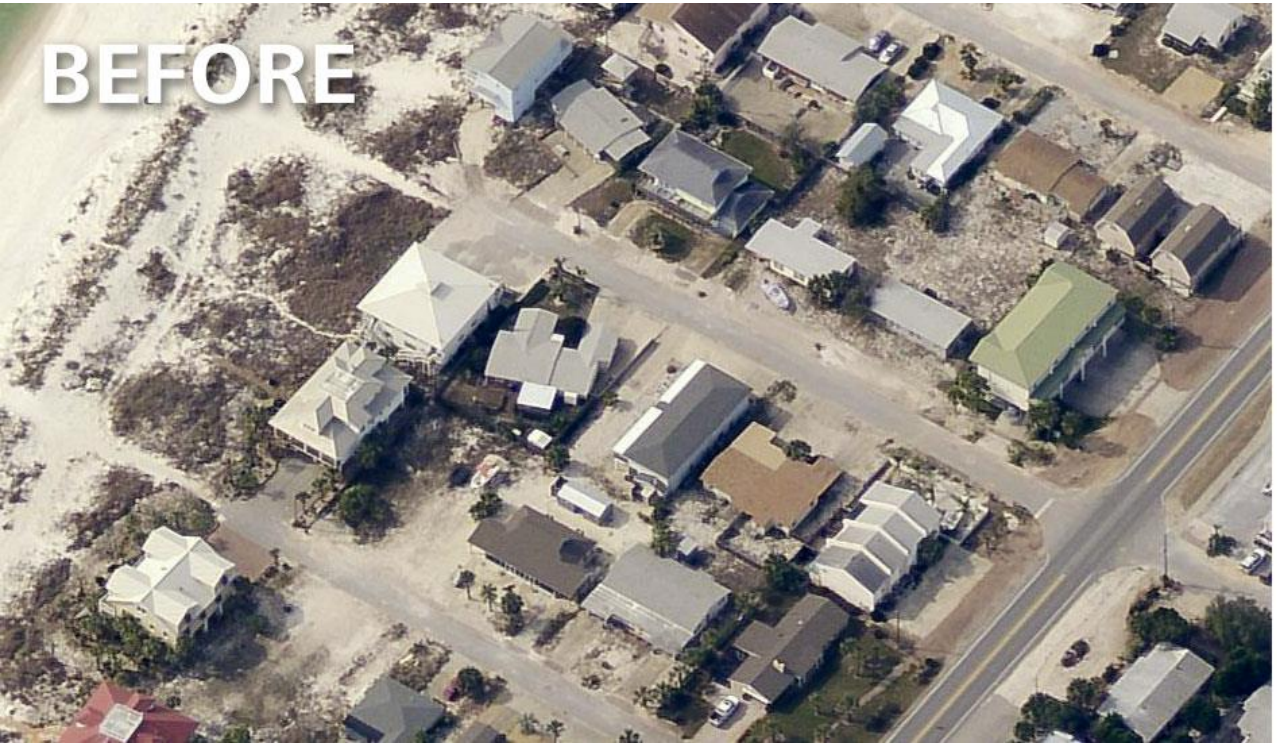
Camera technology that has a 4-band sensor to capture infrared light frequencies that is outside of the red, green, or blue spectrums that the visible eye can see.

The resulting dataset can be used to classify vegetation, for wetland delineation, and calculate impervious surface area and water runoff




# 3D Mesh

A cost-effective and highly efficient solution that uses your EagleView imagery to visualize key structures, accurately measure distance, area, and volume, analyze sightlines, shadow-analysis, contour and slopes, flood visualization, and even underground utilities within a 3D environment.



## Disaster Response Program

Imagery of up to 200 square miles after qualifying events

# Coming Soon

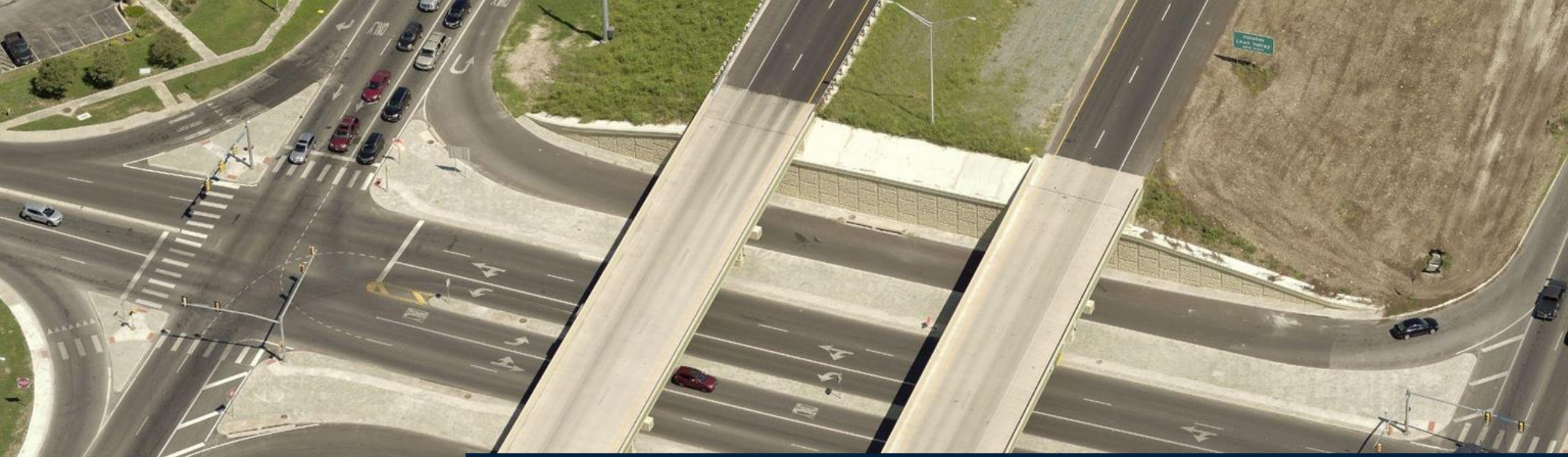
# Structure Data

**What Is Included:**

- Building, deck, pool, and roof penetration data offered in three modes
- Image processing, machine learning, quality control, analytics, and display

**Benefits:**

- Recent and updated layers for analysis
- Eliminates separate imagery and data purchase
- Efficiency and accuracy



# Next Generation Asset Management

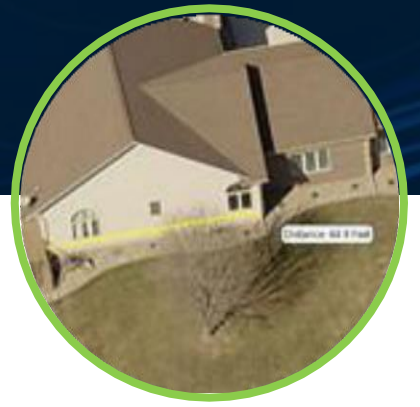
Combines industry-leading oblique aerial imagery with the power of AI to solve asset management challenges.

**Submit your challenge at:**
company.eagleview.com/asset-management

# Multiple Departments Can Benefit

## GIS

## Public Safety



## Property Assessment

## Public Works

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# Thank You

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