☑ Show Buildings
☑ Show Project Shading
◼ Show Tube Lines

**Project Classification**

◼ Completed
◼ Not Started
◼ Started

# Taking 3D GIS to the Next Level with 3D Streaming Maps

**SoCalGIS
September 16, 2015**

**CyberCity3D**

# WHO ARE WE?

CyberCity 3D is the global leader in streaming high resolution 3D content for mapping and planning in government, AEC & more
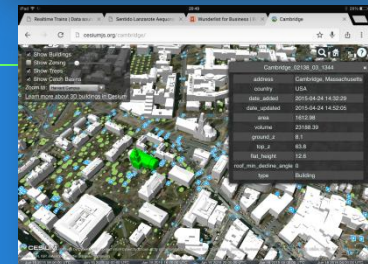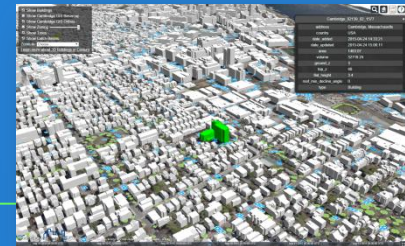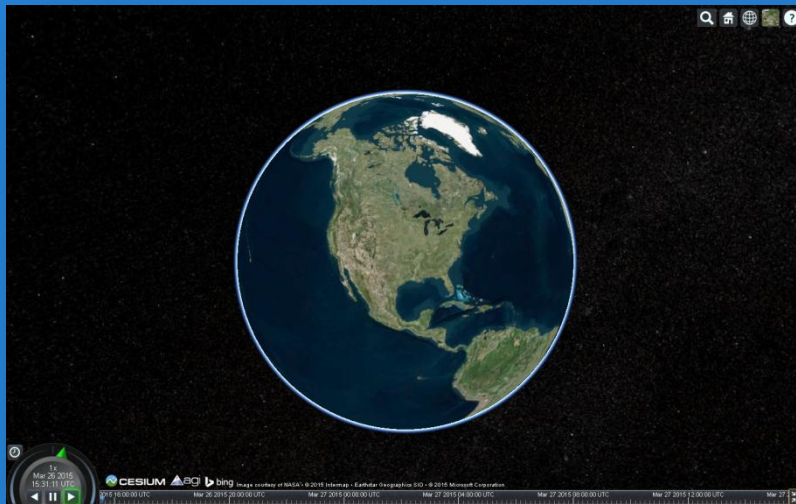
We've been creating 3D City Models for over 7 years with our ever-evolving proprietary software

We have seen the evolution of 3D GIS move from a its beginning on desktops to a new era of 100% web-based hyper-efficiency. **The age of Streaming 3D Maps!**

# What is a Streaming 3D Map?

- Streaming 3D Maps are **100% web-based solutions** that allow for maximum effect in communications and cognitive awareness

- We recently teamed with Analytical Graphics, Inc. (AGI) to provide 3D streaming buildings via their web-based, cost-free 3D globe platform, **Cesium**



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# Affordability

## Can you afford to deploy Streaming Maps?

Yes! Streaming 3D maps are 100% web-based and do not require additional software licensing or training unless you want to design your own 3D Streaming Maps – and you can!

# Interoperability

Can you add all of your GIS and related data?

Yes! Leverage your proprietary data as well as other online resources

# What We Have Learned from Cities

1. Cities invest heavily in GIS assets. They must be usable in new 3D environments

2. 3D Maps must work on both the desktop and browser

3. Any new data created (3D Models) must be interoperable

4. The economics must be compelling and overly advantageous in order to compete effectively with other resource options



⬆ *Santa Monica, CA* ⬇



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# Streaming Benefits for Cities

1. High Return on Investment with very low risk exposure

2. 100% Browser Based means no need to purchase software

3. Turnkey Assembly of 3D content from established tools

4. Superior 3D Technologies available in an Open Architecture

Invest in 3D Smart Buildings → Select Visualization Platform → Collect Existing GIS Layers → Optimize Data for the Cloud → Publish Your Map

# High ROI – Low Risk

► Open architecture = no vendor lock-in

► Little to no training costs, no need to purchase additional software

► Single enterprise license for all city departments

► Launch your pilot for under $5,000

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# 100% Browser Based

► All mapping contained in your internet browser

► Easily share, distribute, collaborate

► Servers can point to pre-existing city data

► Access from all your mobile devices



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# Turnkey Assembly

► No complicated download required

► Let us set your map up for you

► Low stress, low maintenance

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# Superior 3D Technology

▶ CyberCity 3D buildings bring 6 inch accuracy

▶ Lead by world-renowned 3D graphics engineers

▶ Innovative " 3D tiling" data structure

▶ Own the models yourself for analysis on other platforms when needed



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# 3D Data Management



✓ Maximum cognitive uptake
✓ 100% Control
✓ Stream on all devices

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# Try it for Yourself!



Click Any to View
(Best Viewed on Chrome)



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