

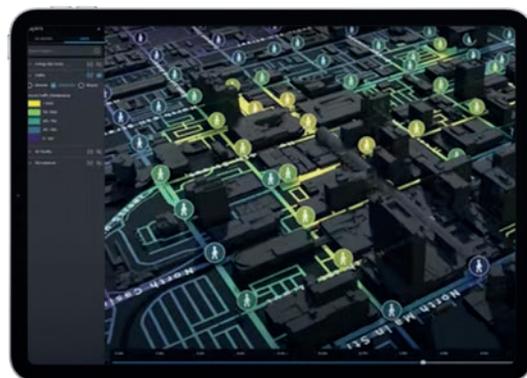


Clean Cities – Clean Future, City Pilot Program

What? Cityzenith's SmartWorldOS is the urban Digital Twin platform of choice for data driven cities seeking to accelerate their energy transition and climate resilience goals while transforming their buildings and infrastructure into a long-term sources of revenue for the City.

Government and commercial users navigate, query, and analyze massive amounts of data in a virtual 3-D urban model, optimizing all aspects of city project planning, construction, operations, and emissions reduction. According to Forbes, 500 major world cities will rely on Digital Twins for daily operations by 2026.

We're different. Very different.



Experience

We know what it takes to succeed. Our founders have over 50 years of experience in the 3-D Digital Twin/GEO-BIM industry, and we have successfully executed more than a dozen major city scale Digital Twin projects to date.

Model

In our model, cities don't pay – Government agencies, universities, and local researchers are free SmartWorldOS3 users. We invest – up \$250,000 in your project.

Cityzenith earns revenues from low-cost software subscription fees charged to local building owners seeking to reduce or eliminate energy consumption and carbon emission. Government agencies earn millions of \$\$\$ per year from revenue sharing or direct subscription fees for certification.



An Open Approach

Our modular, freemium, pay-as-you-use approach ensures a large contributing user community. Local government agencies, researchers, and universities can build their own civic applications for their own use.

Technology Excellence

From the founders of Google Earth to top engineers at Lockheed Martin, Cityzenith continues to attract some of the best engineering talent in the world.

Goals

When rolled out city-wide, SWOS3 will:

1. Empower cities to achieve all of their SDG and climate action goals for the built environment
2. Save local owners and tenants millions of dollars in energy costs
3. Generate \$20 million for the City from software subscriptions

What you get

City/Region-Wide 3D Interactive Map

- Data Assessment + Enrichment Plan
- Target finder – Utilize our energy/carbon analytic tools to model data-driven, macro-level scenarios to help set decarbonization targets
- Archetypical Building Type modeling – Working with all available data, our system will ‘fill the gaps’ in your structural data for simulation purposes
- Policy Evaluation – Perform what-if scenario analyses of various energy/carbon related policies/ investments, to see the gross impact on your city/ region in addition to granular impacts at the individual building level
- Identify low hanging fruit carbon mitigation opportunities across the city/region based on available telemetry data
- Track progress over time – And make progress available to the public, if desired
- Collaboration – Utilize SWOS as a single-source-of-truth for collaboration with stakeholders within your city/region, from compliance submissions to progress updates
- Exceptions detection on Energy consumption and Carbon generation: Depends on Availability of Meter data, Occupancy data, Heating/Cooling Configuration data
- User-defined Region (e.g. Zip code) Focused Insights: Segmenting City into region-centric micro-cities and their Comparative benchmarking and exceptions depending on availability of data on the assets in the Region
- Exploration of Electrification, Micro-Grid, + Energy Storage pathways

