Bentley® OpenCities™ Planner
Immersive communication of urban planning and infrastructure projects

Efficient communication is critical for the success of urban development and infrastructure projects. Accessing project information with capabilities to create and share illustrations via the web reduces lead time and the risk of misunderstanding between stakeholders. Engaging citizens and stakeholders to contribute in the planning process creates a positive interaction for shaping the future.

What is Bentley OpenCities Planner?

Bentley OpenCities Planner is a web-based 3D visualization solution using federated data for communication and collaboration. Simple-to-use sharing options enable smarter decision-making and improved collaborative planning and project performance. Easily create interactive scenes with CAD/BIM design files and project data. Leverage a large-scale digital twin to share and communicate with project teams or to engage citizens for crowdsourcing ideas.

Visualize and share your infrastructure projects

- Federate unlimited size spatial and project data in 3D for better project communication

- Quickly conceptualize ideas and visualize planning options for development projects

- Effectively communicate with stakeholders and collect feedback and knowledge to improve projects

- Share and communicate projects using mobile, tablet, web or showroom exhibits

Visualize Anything

- Create projects and visualizations with easy-to-use editing features.

- Visualize anything from large-scale development projects to detailed designs.

- A powerful 3D rendering engine supports massive 3D worlds.

Visualization of 2D, 3D, and GIS Data

Integrate Data

- Get smart with GIS data in 3D.

- Federate data from different files, services, or databases.

- Integrate and fuse with project terrain or mesh models.

- Add images, videos, documents, CAD, and BIM models.

Support data from multiple sources

Involve Stakeholders

- One-click publishing to the web for fast and easy sharing to stakeholders.

- Share in teams or publish web access for public access.

- Dialogue forms to interact and crowdsource for information.

- Share and stream on desktop, tablet, mobile, or VR devices.

Share Projects and Crowdsource Ideas

Phil Christensen, Bentley's senior vice president, reality modeling, said, "...when we combine Bentley ContextCapture's 3D surveying advancements with our connected data environment (CDE) technologies for geospatial-to-BIM integration, we make city-scale digital twins as a cloud service broadly accessible. Ultimately synchronizing reality and 'virtuality,' Bentley OpenCities Planner offers the perfect web solution to enable every city in going digital."