

Autodesk®

LandXplorer™ Studio Professional
LandXplorer™ Server

Model your city.



Autodesk®

Better Design. Better Planning. Better Results.

Leverage existing investments in software and data by aggregating geospatial, civil engineering, computer-aided design (CAD), building information modeling (BIM), and utility network detail in a single city model. Use the Autodesk® LandXplorer™ software family to help improve decision making, lower costs, view and share changes, and avoid the expense of creating physical models and animations of your city.

Publish and share city models more easily

Autodesk® LandXplorer™ Xpress Viewer

Share your Digital City using Autodesk LandXplorer Xpress Viewer, and distribute your city model more rapidly to stakeholders across the web. With LandXplorer Xpress Viewer, users can navigate and explore the model and search points of interest. They can also measure straight-line distances and create snapshots, panoramic snapshots, or movies of the model. Autodesk LandXplorer Xpress Viewer is available as a free* download from www.autodesk.com/landxplorer.

Autodesk® LandXplorer™ CityGML Viewer

View CityGML data sets to more efficiently process and represent CityGML models for applications that require better real-time 3D rendering. Available as a free* download from www.citygml.org.

Autodesk® LandXplorer™ Publisher

Disseminate visualizations to key stakeholders more rapidly by publishing digital city models to KML format for use in Google Earth™ or Microsoft® Virtual Earth™ applications. Autodesk LandXplorer Publisher is available as a free* download from www.autodesk.com/landxplorer.

Imagine being able to experience more real-world city scenarios and share them with citizens and stakeholders before construction. Whether you need to create models of small- or large-scale city and infrastructure projects, the Autodesk® LandXplorer™ software family provides you with the visualization tools you need to make better design decisions throughout the urban design lifecycle.

View published city models on the web using the Autodesk LandXplorer Server Client.

The Autodesk LandXplorer software family helps you to:

- **More easily realize additional ROI on existing data and software** by leveraging your existing investments in Autodesk design software and data; Aggregate different levels of mapping (GIS), civil engineering (CAD), building (BIM), and utilities (network) detail in a single model.
- **Reduce the cost of the urban design process** by minimizing the need for costly physical models.
- **Help urban design stakeholders explore and interact with 3D city models** by creating a common environment for sharing information to foster collaboration.





View of the Brandenburg Gate in the Berlin 3D city model visualized in Google Earth.

Visualization of the Dresden Theatre Square showing highly detailed 3D building models and multiple terrain textures.



Autodesk LandXplorer Studio Professional

Autodesk LandXplorer Studio Professional software makes it easier to create, manage, and distribute digital city models, landscape models, and virtual 3D environments. Use Autodesk LandXplorer Studio Professional to help create and manage city models and to create presentation-quality video and imagery of the city to share with stakeholders.

Autodesk LandXplorer Server

Autodesk LandXplorer Server provides powerful, server-side hosting and rendering of large-scale, 3D city models and urban designs created with Autodesk LandXplorer Studio Professional. City data is processed and published to a server where it can then be more securely shared with internal and external audiences via the web, helping to provide project reviewers, stakeholders, and citizens with the ability to view and gather information about proposed city and urban plans.

Display, Explore, and Share City Models

Autodesk LandXplorer Server and Autodesk LandXplorer Studio Professional can help provide several advantages for city planning and urban change. By using these solutions to construct a city model, you can enhance the benefits from your existing investment in expensive data sets. You can minimize the need to duplicate data or the expense of building physical models to view and highlight changes. You'll be able to more effectively share ideas and scenarios with stakeholders by creating movies, high-resolution scene renderings, and panoramas of the city. And the ability to incorporate numerous sources of data helps make it easier to illustrate the impact that urban planning, tourism or economic development projects have on a city and its environment.



Aerial view of a digital city model of Berlin.



Incorporate data prepared in AutoCAD® Map 3D software into your city model to better illustrate residential or mixed-use buildings within 100 meters of a proposed development.

Thematically represent buildings with high occupancy levels within areas zoned as residential using data held within the city model.



Leverage your Autodesk investment with the Autodesk LandXplorer software family. These powerful urban design products help give you the power to create, manage, and distribute digital city models—promoting the sharing of information about urban change with project stakeholders. By combining CAD, BIM, geospatial, civil engineering, and infrastructure data into a digital city model built with Autodesk LandXplorer Studio Professional, you can more easily explore a digital city model to better visualize and simulate design projects before they are built.

Learn More

To learn more about the Autodesk® LandXplorer™ software family, visit www.autodesk.com/landexplorer.

Autodesk Services and Support

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