

Esri® CityEngine®



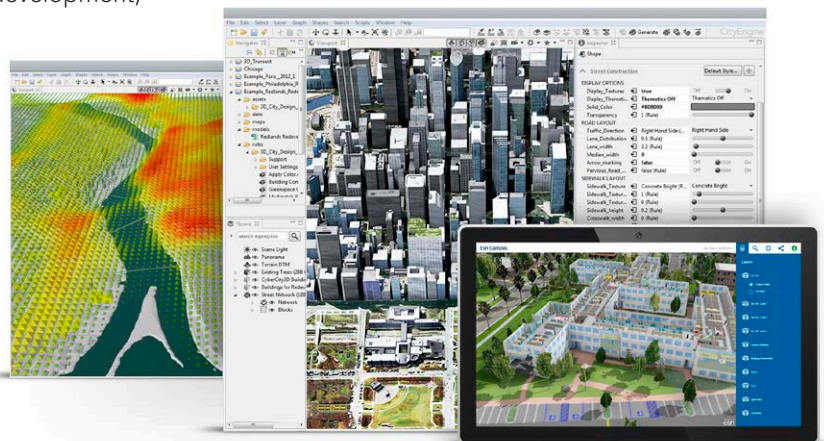




Our World Is in 3D

Create stunning city models in less time with Esri® City Engine® software—the tool of choice for smart 3D city modeling in urban planning, architecture, simulations, game development, and film production.

- Design a Smarter City
- Build Flexible Scenarios Faster
- Create Realistic Context
- Share Your Urban Environment on the Web



esri.com/cityengine



Download your free, 30-day trial now.
esri.com/CityEngineTrial



Step 1

Geodatabase/2D
Information



Step 2

3D Streets, Blocks,
and Parcels (import
or creation)



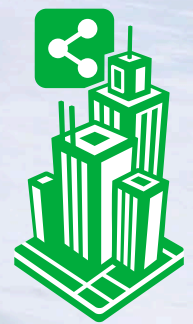
Step 3

3D Extrusion, Roof
Generation, and
Street Furniture



Step 4

Texturing and
Facade Creation
(details)



Step 5

Finished 3D
City Shared on
the Web and
Updated in the
Geodatabase

Top Benefits

Because Our World Is 3D

See your data in its true perspective, make better informed decisions, and communicate your ideas effectively.

- **Improve Understanding**—3D is easy for everyone to understand.
- **Communicate Better**—3D makes it easier to articulate ideas.
- **Solve 3D Problems**—Some spatial problems can only be solved in 3D.



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3D Zoning Regulations



Features

Easy-to-Use Editing Tools

Get easy-to-use editing tools for quick sketching and texturing of 3D building models.

Integrated with ArcGIS

CityEngine fully supports the Esri file geodatabase (including textured multipatches) and the shapefile format. Users can import/export any geospatial vector data.

Instant Report Generation

To compare planning proposals and analyze designs, customized rule-based reports can be generated to automatically calculate quantities such as density or grow floor area.

Share Smart 3D City Scenes

CityEngine scenes can be published directly on the web for sharing 3D models, analysis results, or design proposals with decision makers or the public.

Industry-Standard 3D Formats

CityEngine supports KML, COLLADA, Autodesk® FBX®, Wavefront OBJ, DXF, or RenderMan® RIB for 3D data exchange. FBX and COLLADA support advanced material handling, asset instancing, and multiple UV sets.

Training Materials

Architects, urban planners, GIS professionals, game developers, and computer graphic artists can avail themselves of several videos and tutorials that show the basics and key concepts of CityEngine. Sample projects of ancient, contemporary, and future cities at different levels of detail are also available.

Available for All Platforms

CityEngine is available for Windows® (64 bit), Mac® OS X (64 bit), and Linux® (64 bit).

Data Model Templates for Cities

Esri provides harmonized information models of 3D GIS datasets that bring local government operations to life for city staff and citizens. With CityEngine, these datasets—including uniquely customizable zoning regulations—can be visualized, edited, and shared in 3D.





Understanding our world.

Esri inspires and enables people to positively impact their future through a deeper, geographic understanding of the changing world around them.

Governments, industry leaders, academics, and nongovernmental organizations trust us to connect them with the analytic knowledge they need to make the critical decisions that shape the planet. For more than 40 years, Esri has cultivated collaborative relationships with partners who share our commitment to solving earth's most pressing challenges with geographic expertise and rational resolve. Today, we believe that geography is at the heart of a more resilient and sustainable future. Creating responsible products and solutions drives our passion for improving quality of life everywhere.



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