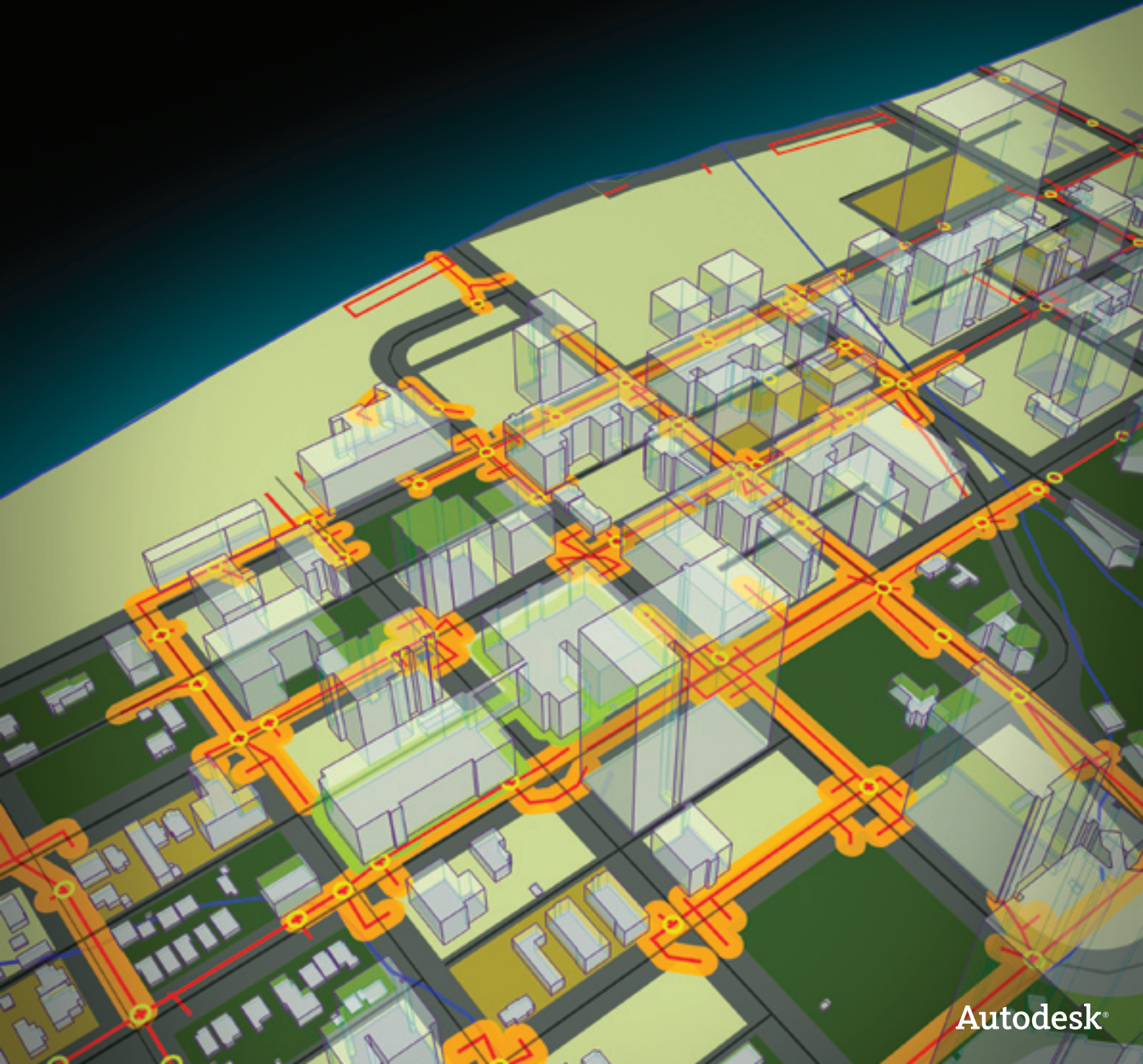


# AutoCAD Map 3D

Smarter planning. Better management.



# Plan Smarter

Get access to the CAD, GIS and as-built information you need to better plan and manage your next project with help from AutoCAD® Map 3D software.

## Used Around the World

### Utilities and Telecommunications

- Los Angeles Department of Water and Power (USA)
- Tokyo Electric Power Services Co., Ltd (Japan)
- Comcast Cable (USA)

### Transportation

- Korean Expressway Corporation (South Korea)
- Los Angeles International Airport (USA)
- Massachusetts Port Authority (USA)
- Petrobras Transporte S.A.– Transpetro (Brazil)
- KARICO (South Korea)
- Rushmoor Borough Council (United Kingdom)

### Government – Public Works, Land Planning and Management

- San Francisco Department of Public Works Bureau of Engineering (USA)
- Rehabilitation and Reconstruction Board (Indonesia)
- City of Fribourg (Switzerland)

AutoCAD® Map 3D software is a model-based infrastructure planning and management application that provides broad access to CAD and GIS data, helping users to make more informed design and management decisions. With help from intelligent industry data models and tools, infrastructure professionals can apply regional and discipline-specific standards to improve data quality, support productivity and manage infrastructure assets more effectively, all in a single, familiar AutoCAD-based environment.

### Access and Edit More Information Directly

AutoCAD Map 3D can help all team members to access design, GIS, imagery, point cloud and business information more easily from a broad range of sources, including Esri®, Bentley®, Oracle®, GE® Smallworld and other software providers. Users can access all of this information natively, which helps to minimise the inherent risks of data conversion, and use the standard AutoCAD® commands to edit GIS data directly without the need for additional software.

### Create More Informed Designs

AutoCAD Map 3D helps organisations to deliver better designs. AutoCAD Map 3D can provide access to data needed for planning, design and asset management activities, helping to make it easier for team members to evaluate existing conditions and perform corridor, network and site analysis.

### Use Familiar AutoCAD Software

As AutoCAD Map 3D is built on AutoCAD technology, organisations can take full advantage of their extensive CAD-trained workforce to create, edit and maintain geospatial data. Using familiar, precision CAD tools helps team members to make the most of their AutoCAD expertise.

### Integrate and Analyse Asset Information for Better Insight

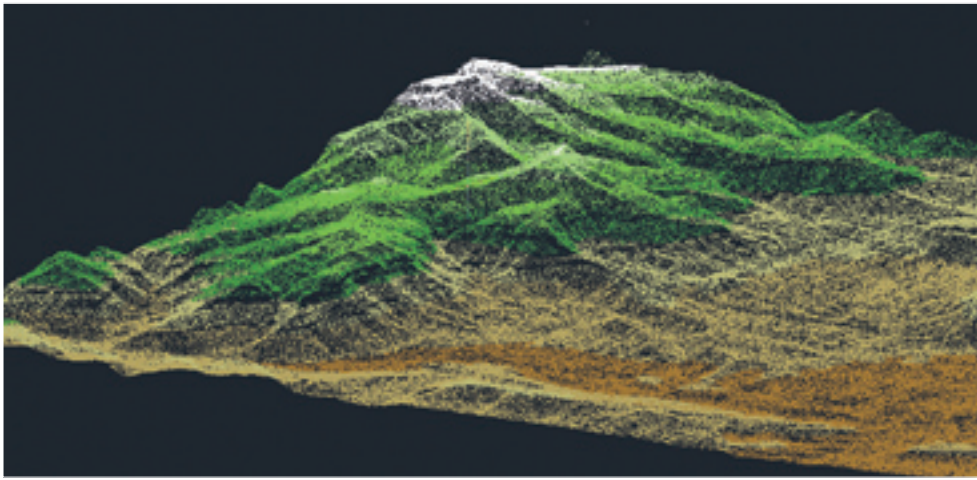
Using AutoCAD Map 3D, designers and managers can overlay layers of GIS and CAD data to create more complete base maps of existing conditions and gain a more accurate view of proposed designs in a real-world context. Autodesk® Storm and Sanitary Analysis 2012, software that is included with Map 3D, allows users to perform hydrology and hydraulic analysis for planning of urban drainage systems, storm sewers and sanitary sewers. In addition, users can conduct spatial analysis to better understand project impact and help to inform critical design and management decisions earlier in the process. A comprehensive library of co-ordinate systems helps to geo-reference data.



Access to up-to-date information enables better analysis. Here a natural hazard analysis considers the potential overflow areas affected by the sewers, managed using the industry models that lie within the flood zone.

# Manage Better

Use intelligent industry models to help apply standards and business process requirements to your infrastructure data.



Gather information about existing conditions using a variety of data formats, including LiDAR, to make more informed planning and design decisions about your infrastructure projects.

## Apply Intelligent Industry Models

AutoCAD Map 3D organises disparate asset information using comprehensive desktop or enterprise\* data models for industries such as gas, water, wastewater and energy. Map 3D also includes the tools required to help create custom industry models for almost any industry or standard. These industry models can improve the quality and ultimate value of information by helping team members to apply industry-specific standards and business process requirements to data as it is added to a model.

## Get Better Access to As-Built Data

Open-source Feature Data Objects (FDO) technology can enable AutoCAD Map 3D software to access directly the spatial data stored in files and databases, as well as connect to web-based services. As a result, engineering and other departments, including GIS, can access and share the data used to model the current infrastructure, such as utility, road, cadastral, topographic, environmental and image data, more effectively. With direct access to spatial information in a familiar CAD environment, team members can be more confident that the information they depend on is up to date, which supports better informed planning and decision making.

## Create More Accurate Designs and Data

Minimise time wasted on imprecise drawings and data. AutoCAD Map 3D helps to make it easier to integrate field-collected data and to update the system of record more accurately in order to reflect as-found locations in the field better. Combined with powerful tools to help the clean-up of drafting and digitising inaccuracies, AutoCAD Map 3D promotes data integrity throughout the design, build and manage lifecycle.

## Communicate More Effectively

AutoCAD Map 3D offers enhanced stylisation, labelling and annotation tools to help users to create and publish more informative and compelling maps, exhibits and designs for faster stakeholder approval. Users can also give project stakeholders more convenient and cost-effective access to planning and management data via the web using Autodesk® Infrastructure Map Server software.†

\* Enterprise database support available with AutoCAD® Map 3D Enterprise software.

† Requires Autodesk Infrastructure Map Server software.

Autodesk's solution allowed us to improve the accuracy and availability of our planning, design and as-built asset information, share more accurate geospatial and customer information with the field and generate key reports for all of our departments more easily.

—Deeter Smith  
GIS Administrator  
Okaloosa Gas District

#### **Learn More or Purchase**

Access specialists worldwide who can provide product expertise, a deep understanding of your industry and value that extends beyond your software. To license AutoCAD Map 3D software, contact an Autodesk Value Added Reseller. To locate the reseller nearest you, visit [www.autodesk.co.uk/reseller](http://www.autodesk.co.uk/reseller).

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