

Better planning. Better management.

**AutoCAD<sup>®</sup>**

Map 3D



Autodesk<sup>®</sup>

# Access Granted

Find out why so many CAD software users are switching to AutoCAD Map 3D software—A better AutoCAD software for planning and managing infrastructure.

## Used Around the World

### Utilities and Telecommunications

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

### Transportation

- Korean Expressway Corporation
- Los Angeles International Airport
- Massachusetts Port Authority

### Natural Resources—Mining, Petroleum, Environmental Engineering and Management, Water Resources

- Petrobras Transporte S.A. – Transpetro
- KARICO
- Rushmoor Borough Council, England

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

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

### Improving Infrastructure

AutoCAD® Map 3D software can provide direct access to data needed for infrastructure planning, design, and management activities. AutoCAD Map 3D helps professionals working on transportation, land development, water, and power projects to more easily create, manage, and analyze design, GIS, and asset data.

### Built on AutoCAD Software

Because Map 3D software is built on AutoCAD® technology, organizations can take full advantage of the extensive CAD-trained workforce to create, edit, and maintain geospatial data. And by using familiar, precision CAD tools, team members can make the most of their AutoCAD expertise.

### More Informed Design

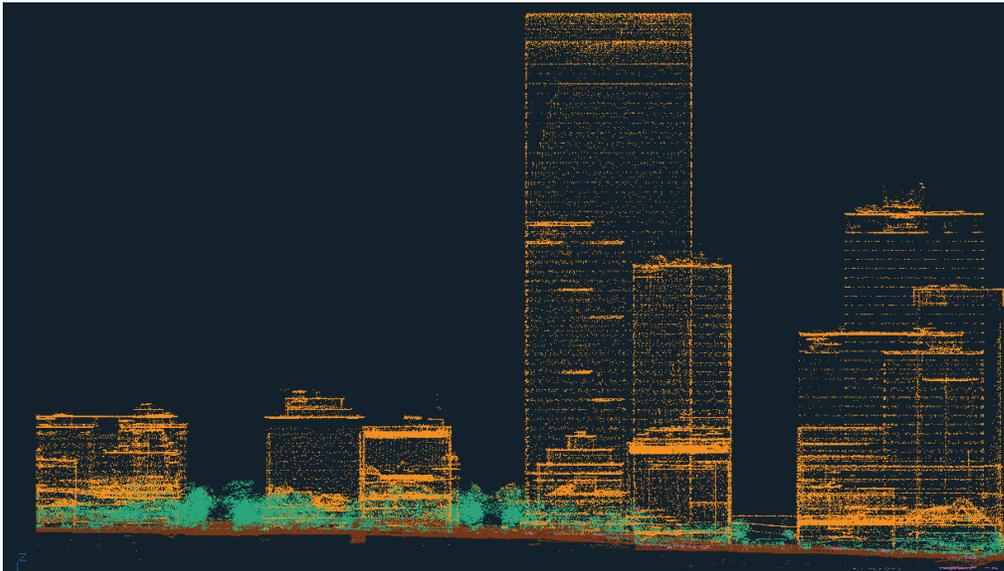
AutoCAD Map 3D helps organizations to create better designs. Map 3D can provide access to data needed for planning, design, and asset management activities, making it easier for team members to evaluate existing conditions and perform corridor, network, and site analysis.



Use Display Manager to stylize CAD and spatial data to produce quality maps. Then more quickly publish them as georeferenced DWF™ files, map books, or paper plots. Data used in image ©IGN 2007

# Effectively Utilize Spatial Data

With powerful, open-source FDO technology, AutoCAD Map 3D can provide access to data previously locked up in the GIS department and provides state-of-the-art tools to edit native geospatial data.



Use the Point Clouds feature to import and visualize large sets of point cloud data, such as 3D laser scanning/LiDAR data sets with millions of points.

## **Better Manage Data Access**

Open-source Feature Data Objects (FDO) technology can enable AutoCAD Map 3D software to directly access 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 more effectively access and share data, such as utility, road, cadastral, topographic, environmental, and image data. With direct access to spatial information in a familiar CAD environment, team members can be confident that the information they depend on is up-to-date, which supports more-informed planning and decision making.

## **More Accurate Designs and Data**

Minimize time wasted on imprecise drawings and data. Map 3D makes it easier to integrate field-collected data to more accurately update the system of record, to better reflect as-found locations in the field. Combined with powerful tools to help the cleanup of drafting and digitizing inaccuracies, Map 3D promotes data integrity throughout the design, build, and manage lifecycle.

## **Powerful Mapping and Visualization Tools**

Use Map 3D to visualize and evaluate vector, raster, and tabular data in a variety of formats. Better understand the real world by using point cloud functionality to view, style, and create 3D features and surfaces from LiDAR data; and more easily analyze or highlight information such as service areas, zoning districts, land usage, and pipe and cable installation dates with easy-to-use cartographic tools. The result is more professional designs, plans, maps, proposals, and reports.

## **More Accurate Map and Geospatial Data Sharing**

Maximize the value of drawings, maps, and geospatial data by publishing them to the web using Autodesk MapGuide® Enterprise software, or distributing them as more secure, DWF™ files that can be viewed and marked up with free\* Autodesk® Design Review software. And Map 3D makes it easier to exchange information with stakeholders in both CAD and GIS data formats.

Using AutoCAD Map 3D, we exploited our AutoCAD skills to tap quickly into ESRI maps, utility data, property data, and more without having to use ESRI software. AutoCAD Map 3D gave us the GIS tools we needed, but allowed us to use our AutoCAD expertise, reducing training time and expenses.

—Scott Stover  
Manager, Corridor Approvals and Records  
York Region, Ontario, Canada

#### **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 purchase. To purchase AutoCAD® Map 3D software, contact an Autodesk Premier Solutions Provider or Autodesk Authorized Reseller. Locate a reseller near you at [www.autodesk.com/reseller](http://www.autodesk.com/reseller).

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