

Discover why.

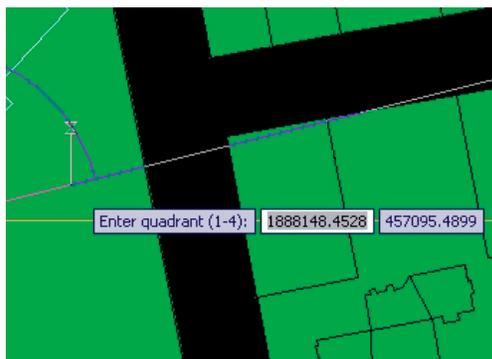
**AutoCAD<sup>®</sup>**

Map 3D

Autodesk<sup>®</sup>

# Direct Access

Find out why so many AutoCAD software users are switching to AutoCAD Map 3D software. Map 3D provides access to data previously locked up in the GIS department and provides the best tools available to edit native geospatial data.



## Bridging the Gap

AutoCAD® Map 3D software is a leading engineering platform for creating and managing spatial data. Bridging the gap between CAD and GIS, AutoCAD Map 3D makes it possible for engineering and GIS professionals to work with the same data and enables design processes to integrate geospatial functions in a single environment for more efficient workflows.

## 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 manage geospatial data. And by using familiar CAD tools, team members can make the most of their AutoCAD expertise.

## More Informed Design

AutoCAD Map 3D enables organizations to create better designs. Map 3D software's integrated geospatial tools provide mapping and analysis functions for easy visualization and evaluation of design and asset management projects.

## Used Around the World

### Utilities—Electric and Gas, Water and Wastewater

- Vermont Electric Power Company
- Tokyo Electric Power Services Co., Ltd
- United Utilities

### Telecommunications

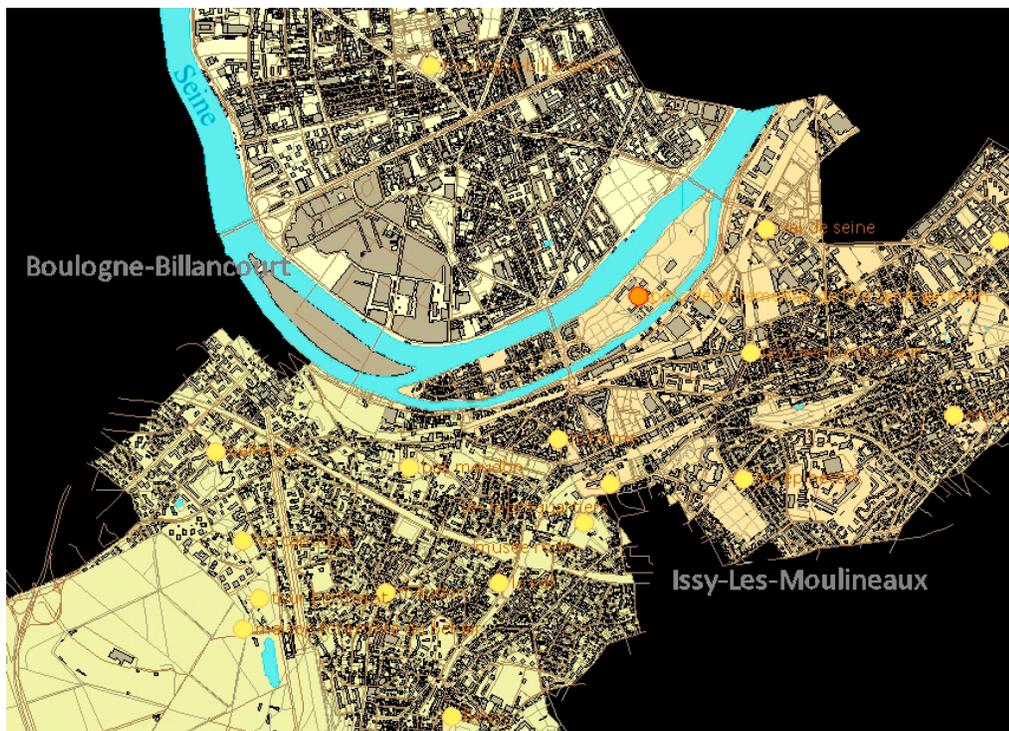
- Comcast Cable
- Bayan Telecommunications
- Telekom Srbija

### 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

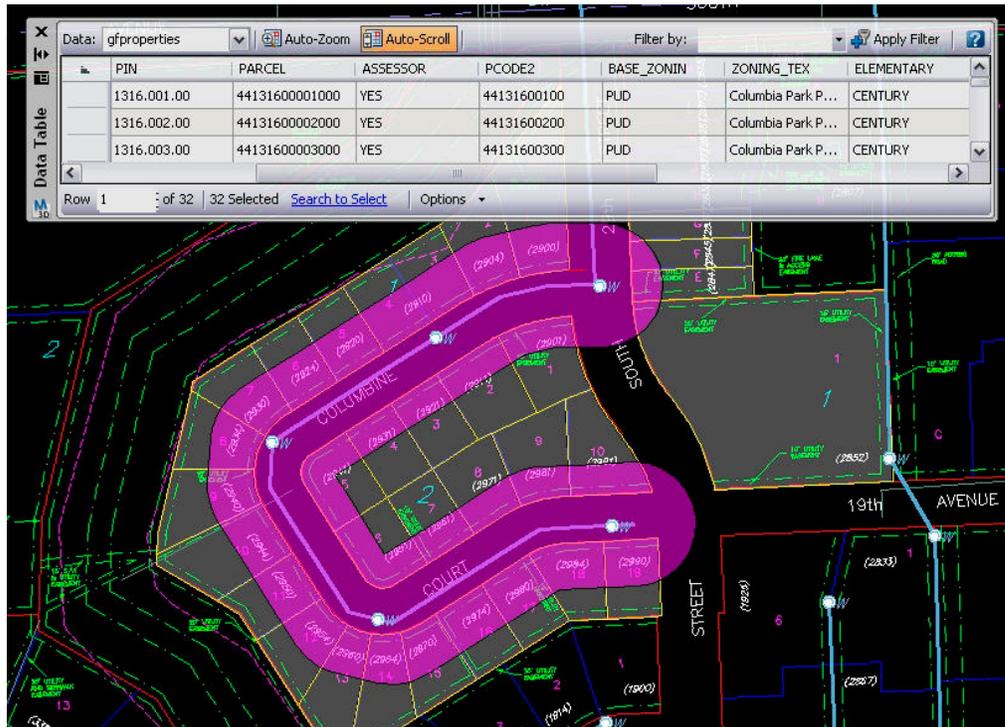
- San Francisco Department of Public Works Bureau of Engineering
- Rehabilitation and Reconstruction Board, Indonesia
- City of Fribourg, Switzerland



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

# Seamlessly Work With Spatial Data

With powerful, affordable, and open geospatial solutions at every stage of data creation, maintenance, and distribution—AutoCAD Map 3D, Autodesk MapGuide Enterprise, and Autodesk Topobase software—organizations can seamlessly share spatial and nonspatial information with minimal effort.



The analytical buffer tool can be used to easily identify property owners who will be impacted by scheduled work on the water line.

## Streamlined Data Access

Open-source Feature Data Objects (FDO) technology enables AutoCAD Map 3D software to directly and natively access spatial data stored in files and relational 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 road, cadastral, topographic, environmental, and image data. With native access to spatial information in a familiar CAD environment, team members can be confident that the information they depend on is up-to-date, supporting more-informed decision making.

## More Accurate Designs and Data

Reduce time wasted on imprecise drawings and data. Map 3D makes it easy to integrate field collected data in varying formats to accurately update drawings, maps, and databases to reflect the as-found locations in the field. Combined with powerful tools to automate the cleanup of drafting and digitizing inaccuracies, Map 3D helps to maintain data integrity throughout the design, build, operate, and maintenance lifecycle.

## Powerful Mapping and Visualization Tools

Use Map 3D to visualize and evaluate vector, raster, and tabular data in a variety of formats. Use draping functionality to combine topography data with aerial photographs for stunning and revealing 3D renderings, and easily analyze or highlight information such as service areas, zoning districts, land usage, and pipe and cable installation dates and diameters with easy-to-use cartographic tools. The result is more professional designs, plans, maps, proposals, and reports.

## Sharing Accurate Map and Geospatial Data

Maximize the value of drawings, maps, and geospatial data. Easily publish drawings to the web using Autodesk MapGuide® Enterprise software, or distribute them as secure, individual georeferenced DWF™ files, or multisheet DWF map books that can be viewed and marked up with free\* Autodesk® Design Review software. And Map 3D makes it easy to export georeferenced design data to other formats for use by back-end GIS and mapping systems.

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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\*Free products are subject to the terms and conditions of the end-user license agreement that accompanies download of the software.

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