

# Top Reasons to Buy AutoCAD® Map 3D

AutoCAD® Map 3D software is a model-based infrastructure application that provides broad access to CAD and GIS data, helping GIS, planning, and engineering professionals access, evaluate, and share data to make informed decisions.

“Employees in many of our offices use the maps daily. In the past, they would have contacted us for the data and waited for a map or tried to complete tasks without detailed information. Now, with county data at their fingertips, they can use it to answer queries, schedule maintenance, or get project updates in much more quickly.”

—Shawn Olson  
GIS Coordinator  
Plymouth County, Iowa

“It’s easier for us to apply business rules based on power transmission standards to our data. The software can help spot and address errors intelligently. The software allows us to edit the data models to better match our preferences and regional requirements.”

—Zoran Brankovic  
GIS Manager  
Swissgrid

## 1 Better understand existing conditions and create a more complete base map.

Directly access and edit more information in a familiar AutoCAD® environment. With access to design, GIS, imagery, point cloud, and business information, you can make more informed decisions and more easily integrate data collected in the field via survey and GPS devices in order to accurately update drawings, maps, and databases.

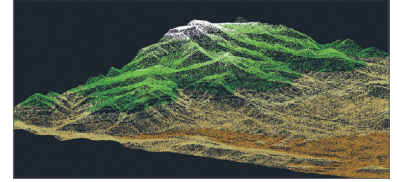
AutoCAD Map 3D includes a rich set of survey tools to enable you to more easily import, compute, manage, and utilize field measurements acquired from GPS and terrestrial sources. The survey functionality includes the ability to consume custom field codes that can be mapped to database attributes, making asset collection more efficient using any device. Other functionality includes:

- Leica® GSI, CPlan RO, ASCII point, and LandXML data import
- Survey database and schema
- Point groups
- Automatic creation of features

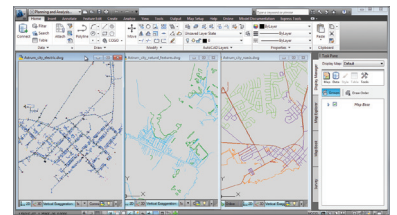
Overlay GIS and CAD data, and work more efficiently using standard AutoCAD® commands to directly edit GIS data. AutoCAD Map 3D’s interoperability with major design and GIS software means that users can read, write, and convert data between most standard formats, including SHP, DGN, and raster data.

## 2 Apply intelligent industry models and analysis for better insight.

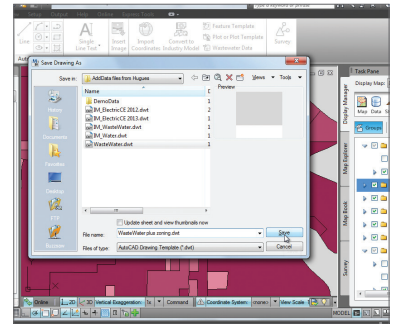
Improve the value of information with the ability to better-analyze data. With AutoCAD Map 3D, you can apply industry-specific standards and business process requirements, using configurable data models for electric, gas, water, and wastewater. Mapping and integrated spatial and network analysis make it easier to create stylized maps and preliminary designs that highlight specific features, such as service areas, zoning districts, land usage, pipe and cable installation dates, and diameter.



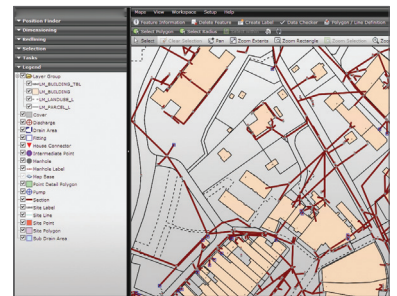
Easily import, compute, manage, and utilize field measurements acquired from GPS and terrestrial sources.



Manage CAD and GIS data in a single environment.



Convert data to an intelligent industry model.



Use connectivity information built into the industry models to identify connected facilities or analyze the impact of your actions on your infrastructure.

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"Now, our Autodesk solution integrates data directly from ArcSDE and gives us an inclusive view of the pipes—location, size, and surroundings—in less than 15 minutes. We complete this task 16 times faster, freeing staff for other tasks."

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

"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 more easily generate key reports for all of our departments."

—Deeter Smith  
GIS Administrator  
Okaloosa Gas District

AutoCAD® Map 3D 2013 software is included in the Autodesk® Infrastructure Design Suite, a comprehensive BIM for Infrastructure solution.

To learn more, visit  
[www.autodesk.com/infrastructuredesignsuite](http://www.autodesk.com/infrastructuredesignsuite)

For more information about AutoCAD Map 3D, go to [www.autodesk.com/map3d](http://www.autodesk.com/map3d)

To locate the reseller nearest you, visit  
[www.autodesk.com/reseller](http://www.autodesk.com/reseller)

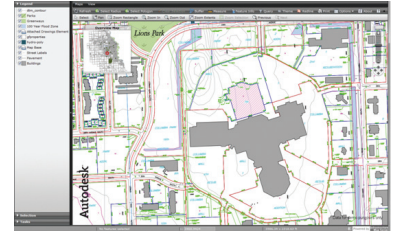
## 3 Effectively share more coordinated and consistent information across the lifecycle via paper, web, and external systems.

Your projects can gain faster stakeholder approval when you create and publish more informative and compelling maps and exhibits. You can publish maps for the web quickly and easily.

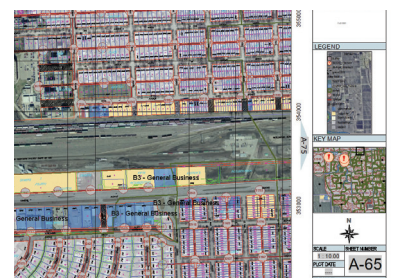
AutoCAD Map 3D works with Autodesk® Infrastructure Map Server software, a web-based mapping software that enables users to publish and communicate CAD, GIS, and asset information more quickly and cost-effectively to stakeholders via a web browser. Help operations and engineering make more informed decisions with access to web-based dashboards, reports, and maps.

Better visualize and communicate existing conditions data from AutoCAD Map 3D together with Autodesk® Infrastructure Modeler software, helping you speed approvals and project decisions. The 3D models you create can help stakeholders visualize the existing environment—and help you conceptualize potential design options.

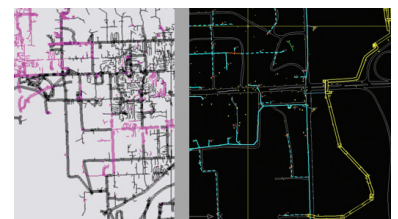
AutoCAD Map 3D also supports design to as-built data flow to GIS, and other applications. Because AutoCAD Map 3D can integrate with other operational systems such as customer care, ERP, outage, and work and asset management systems, users can configure Autodesk Infrastructure Map Server software to publish enterprise data such as spatial, asset, outage, and customer information to a web browser.



Quickly and easily publish data to a web browser.



Produce more accurate, up-to-date plots and tiled map books for your exhibits and field work, while providing field crews with necessary information for their projects.



AutoCAD Map 3D to an outage management system such as Milsoft®. Image courtesy of Kansas City Board of Public Utilities.

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