

AUTODESK  
MAP® 3D 2007

## Do you create maps in AutoCAD?

Autodesk Map® 3D software has all the strengths of AutoCAD® software, yet is especially designed to create, manage, and print CAD maps more efficiently. Do you need to use data from other departments or organizations in a variety of formats and coordinate systems? Is your productivity hampered because only one person at a time can work on a map DWG file? Do you divide up your mapping project to avoid slow editing? Or do you manage a complicated set of infrastructure features but find that having your data is spread across multiple DWG files is cumbersome?

Read further to find out how Autodesk Map 3D can solve your specific set of challenges, helping make your job easier and your department more productive.

<b>Business Challenge Using Basic AutoCAD</b>	<b>Solution Expanded Functionality in Autodesk Map 3D 2007</b>
Map drawings are inaccurate or poorly digitized.	Power tools let you clean up CAD maps quickly and easily, minimizing duplication and wrong information.
Only one person at a time can work with a map drawing, limiting productivity.	Accelerate projects by allowing multiple users to simultaneously work across multiple drawing files, immediately registering updates and changes.
Editing large maps in AutoCAD is slow, while slicing them into tiles creates editing inefficiencies.	Autodesk Map 3D lets you work with your entire map in a single editing session without compromising performance.
You need to combine mapping data from multiple sources to prepare Sarbanes Oxley or GASBY reports.	Build classifications that allow you to create reports which can adhere to any standard.
You need to access existing maps, data, and GIS content and integrate them into your current projects.	Map 3D can fully leverage existing data in its native format. Read and write data in a variety of industry-standard formats such as DGN, ESRI® SHP, MID/MIF, etc., and integrate them into your work.
Your company's GIS department has a large backlog in creating-and-editing map data but you can't afford additional headcount or GIS software purchases.	Leverage your existing CAD trained workforce using the familiar Autodesk Map 3D platform. Reduce backlogs by combining the state-of-the-art CAD tools with the ability to directly edit geospatial data in its native format.

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<p>You do not have the required geospatial format import and conversion tools, or they're cumbersome and difficult to use.</p>	<p>Simply drag and drop various data into your projects in their native formats, such as ESRI SHP files, without translation.</p>
<p>You need to work with map data in different projections and coordinate systems.</p>	<p>Autodesk Map 3D supports over 3000 coordinate systems to accurately place your designs and maps.</p>
<p>You need a fast and easy way to create maps and presentations to communicate your ideas effectively.</p>	<p>Easily combine and query multiple data sources and style them to tell your story. For example, use specific linetypes, colors, and symbols to highlight objects such as roads and utilities, or analyze your data using a thematic map to display features such as parcels in various colors based on land values.</p>
<p>You want to share completed maps and data with users throughout your organization.</p>	<p>Publish maps and designs directly to the web using MapBooks, Autodesk MapGuide® software, and DWF™ technology.</p>
<p>Your AutoCAD DWG files don't allow integration of data, complicating analysis and planning decisions because of incomplete information.</p>	<p>Autodesk Map works like AutoCAD but goes beyond graphics to create intelligent drawings that link database information so you can make more informed decisions.</p>

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