

Autodesk
MapGuide®
Enterprise 2008

The fastest way to the web.



Simplicity. Speed. Freedom.

Web mapping professionals demand faster innovation, flexible development tools, and lower costs. Autodesk MapGuide® Enterprise software delivers these benefits and more. From developing and publishing web-based GIS applications to sharing geospatial and engineering data, Autodesk MapGuide Enterprise helps people make better decisions faster.

Select the Best Fit

- MapGuide Open Source delivers a low-cost tool to start quickly developing and deploying web-mapping applications. You benefit from rapid release cycles and the innovation and collaboration of hundreds of software developers. MapGuide Open Source is available at mapguide.osgeo.org where the Open Source Geospatial Foundation™ (OSGeo™) hosts this important and award-winning project.
- Autodesk MapGuide Enterprise is the commercial version of the open source software. Autodesk subjects the software to commercial-grade quality assurance testing and includes formal, dedicated support. Autodesk MapGuide Enterprise benefits from open source innovation and adds the security and strength of Autodesk's reputation for stable, high-quality software.

Extend Your Reach

Autodesk MapGuide Enterprise offers the most flexible platform for publishing geospatial information quickly, easily, and cost effectively over the web. Maximize the value of your spatial information while reducing the cost of circulating it to customers and colleagues alike. Based on MapGuide Open Source, an active open source project, Autodesk MapGuide Enterprise builds on the rapid innovation of a large community of developers and offers the formal quality assurance that only Autodesk can deliver.

Easy to Use

Developers use Autodesk MapGuide Enterprise to easily publish geospatial data and applications internally, over the web, or with DWF™ viewing technology for offline and mobile portability. These applications give your team and your customers a faster and easier way to view and query crucial spatial information.

Easy for end users: Autodesk MapGuide Enterprise delivers attractive, interactive maps that give users an intuitive and helpful way to understand and analyze spatial information. The software supports Internet Explorer®, Firefox®, and Safari™ web browsers and offers fast performance and a straightforward, easy-to-learn interface.

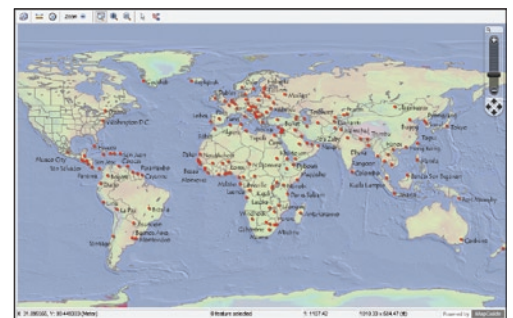
Easy installation and deployment: IT administrators appreciate the bundled Apache web server, PHP, and Java® components that are included with Autodesk MapGuide Enterprise. The system automatically configures the web and application servers regardless of programming environment (.NET, PHP, Java) or web server (IIS or Apache). The Linux® edition of Autodesk MapGuide Enterprise includes a precompiled RPM package manager to get up and running quickly. The single integrated installer for both the Microsoft® Windows® and Linux versions makes the setup and deployment of Autodesk MapGuide Enterprise as easy as inserting a CD and clicking Install.

Easy authoring: Autodesk MapGuide® Studio software, the authoring tool built for Autodesk MapGuide Enterprise and MapGuide Open Source, helps you manage every aspect of preparing maps and geospatial data for your web application. Create your application with an intuitive interface, preview it as you build, upload data files, connect to databases, and stylize maps all from across the web.

Easy, flexible application development: Choose your development platform (.NET, PHP, Java) and enjoy a powerful API (application programming interface) consistent across all three. The API includes more than 150 classes exposing over 1,200 methods for sophisticated geographical information system (GIS) applications and, with the Feature Data Objects API, helps developers avoid distracting data challenges.

What's New

- Now faster than ever with improved scalability and stability
- Improved cartographic output, including user-defined symbology
- Ability to publish data natively and directly to the Google Earth™ application
- Tighter integration with AutoCAD® Map 3D and AutoCAD® Raster Design software



Autodesk MapGuide Enterprise AJAX viewer showing a world map with capital cities created using raster digital elevation map (DEP) and vector data from SDF and Oracle.

Information Anytime, Anywhere

Autodesk MapGuide Enterprise delivers valuable spatial data and analysis over the web, while reducing distribution costs. Enjoy a more efficient workflow, as well as improved communication among internal teams, mobile field force, and customers.

Work Seamlessly with Multiple Data Types

FDO Data Access Technology is at the heart of Autodesk Geospatial Solutions. A feature of Autodesk MapGuide Enterprise, AutoCAD Map 3D, AutoCAD Raster Design, and Autodesk® Topobase™ software products, FDO Data Access Technology increases productivity by helping you work on a variety of spatial and nonspatial databases and files without translation or data loss. Professionals can easily access, manage, edit, and share data stored in their GIS easily and make all new map and design work ready for web publishing as soon as it's created.

To take advantage of developer support and the great variety of data types, Autodesk in partnership with OSGeo, released FDO as an open source project. As with MapGuide Open Source, developers all over the world can now tap into a powerful new technology and make their own contribution. In addition to Autodesk's tested and certified FDO data providers, this active community has built many data providers in use within organizations worldwide.

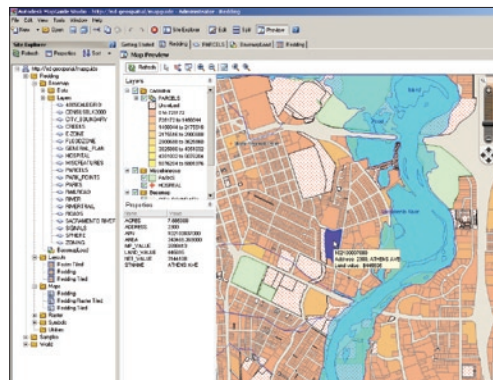
Easily Move Engineering GIS Data from Desktop to Web

AutoCAD Map 3D is a leading engineering GIS platform, built to integrate GIS and CAD technology and help users create, edit, and manage geospatial data. AutoCAD Raster Design is a proven tool for raster data editing, manipulation, and analysis. When combined with Autodesk MapGuide Enterprise, these products deliver a powerful solution to move your organization smoothly from initial design and mapping to web deployment. Because of the shared FDO Data Access Technology, you can publish any work completed in Map 3D and Raster Design directly with Autodesk MapGuide Enterprise.

Integrate. Analyze. Distribute.

With Autodesk MapGuide Enterprise, organizations can easily publish data from AutoCAD®, AutoCAD Map 3D, AutoCAD Raster Design, AutoCAD® Civil 3D®, and Autodesk Topobase software as well as from popular GIS sources such as Oracle® Spatial, Microsoft® SQL Server™, and MySQL databases; ESRI® Geodatabase, ArcSDE®, SHP, and popular raster formats.

The software also supports the Open Geospatial Consortium (OGC) Web Mapping Services (WMS) and Web Feature Services (WFS). And because Autodesk MapGuide Enterprise supports multiple web browsers, organizations can use it to distribute data and spatial functionality to a large number of applications and people.



Autodesk MapGuide Studio is a single multipurpose tool for processing and loading data, stylizing layers and maps, and defining web layout.

Autodesk MapGuide Enterprise is also an application server that offers a mapping component to enterprise systems, such as customer relationship management (CRM) and enterprise resource planning (ERP) applications. Direct integration with business applications from vendors such as Oracle and SAP gives developers more flexibility. The systems interact seamlessly, often without the need to generate and view a map. For example, Autodesk MapGuide Enterprise validates location information automatically before committing data to the enterprise database, streamlining your organization's workflow and reducing operational costs. With its ability to integrate data from a variety of sources and business systems, Autodesk MapGuide Enterprise acts as a simple yet powerful infrastructure intelligence tool that delivers improved decision support to users across the organization.

We wanted a solution that would allow us to use the data in AutoCAD Map 3D and would be compatible with ESRI data. Autodesk MapGuide Enterprise was the ideal solution, since it responded to both criteria, and offered the possibility of sharing information over our intranet at an affordable price. In three hours, the map was online and accessible to everyone. With one server license and an unlimited number of users, the deployment was easy and implemented at minimal cost.

—Jean-Marie Prévost
Manager of Technical Research
City of Moissy-Cramayel, France

Using a blended model of open source and proprietary technologies, we were able to create a system that met all our development and operations needs. Autodesk MapGuide Studio's authoring capabilities easily integrate with the Microsoft platform, and since city IT workers already use Microsoft applications, the learning curve was minimal.

—Greg Braswell
IT and GIS Manager
San Francisco Department of Public Works
Bureau of Engineering, USA

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