Autodesk
MapGuide® Enterprise

The fastest way to the web.

Simplicity, Speed, Freedom

Web mapping professionals demand faster innovation, more flexible development tools, and lower costs. From developing and designing web-based geographical information system (GIS) applications to accessing geospatial and engineering data, Autodesk MapGuide Enterprise helps team members make better decisions faster.

Select the Best Fit

- MapGuide Open Source delivers a low-cost tool to help you quickly develop and deploy 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 proprietary version of MapGuide Open Source. 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.

Autodesk MapGuide® Software

Autodesk MapGuide Enterprise helps to 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 formal quality assurance as well.

Easy to Use

Developers use Autodesk MapGuide Enterprise to publish geospatial data and applications internally, over the web, or with DWF™ format 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, Web 2.0–style interactive maps that give users an intuitive and helpful way to understand and analyze spatial information. The software supports Internet Explorer®, Firefox®, Safari™, and Google™ Chrome 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 (Internet Information Services or Apache).

Flexible Layout Template design showing a map with capital cities, created using raster digital elevation map and vector data from SDF and Oracle.

The Linux® edition of Autodesk MapGuide Enterprise includes a precompiled RPM package manager to help you get up and running quickly. The single integrated installer for both the Windows® and Linux versions makes the setup and deployment of Autodesk MapGuide Enterprise as easy as inserting a CD and clicking Install.

Easy, Flexible Application Development

Choose your development platform (.NET, PHP, Java) and enjoy a powerful API (application programming interface) consistent across all three platforms. The Feature Data Objects (FDO) API includes more than 150 classes exposing over 1,200 methods for publishing sophisticated GIS applications, helping developers avoid distracting data challenges.

Simple Authoring and Web Design

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 the web.

Flexible Web Layout Templates and application widgets accelerate the development of web mapping applications created with Autodesk MapGuide Enterprise. Since design and development tasks are separated, both nonspatial web designers and application developers can quickly build rich web mapping sites. With access to a growing number of widgets and web templates, designers can focus on site aesthetics without writing much code. And developers can freely focus on building powerful interactive AJAX (asynchronous JavaScript® and XML) applications.

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, and Autodesk® Topobase™ software products, FDO Data Access Technology increases productivity by helping developers work on a variety of spatial and non-spatial databases and files without translation or data loss. Professionals can easily access, manage, edit, and share data stored in their GIS and make new map and design work ready for web publishing as soon as it is created.
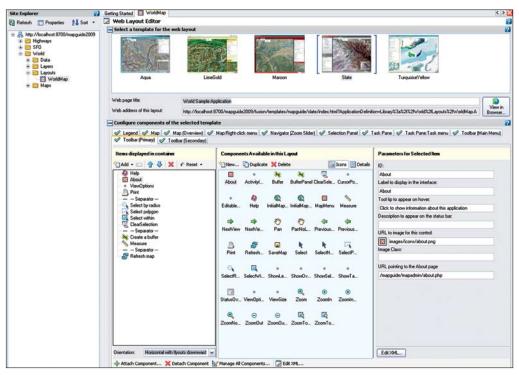
In partnership with OSGeo, Autodesk released FDO as an open source project to take advantage of developer support and the great variety of data types. As they can with MapGuide Open Source, developers all over the world can tap into this powerful technology and make their own contributions. In addition to Autodesk's tested and certified FDO data providers, this active community has built many data providers that are used by organizations worldwide.

Easily Move Data from Desktop to Web

AutoCAD Map 3D is a leading engineering GIS platform, built to integrate GIS and computer-aided design 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. You can also publish any work completed in AutoCAD Map 3D and AutoCAD Raster Design directly with Autodesk MapGuide Enterprise.

Integrate, Analyze, Distribute

With Autodesk MapGuide Enterprise, organizations can easily access 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,

Speed the design and development of your mapping sites with the new Flexible Layout Templates and drag-and-drop application widgets available with Autodesk MapGuide Studio.

Microsoft® SQL Server®, 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 Enterprise offers a mapping component to enterprise systems, such as customer relationship management and enterprise resource planning 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, the software validates location information automatically before committing data to the enterprise database, helping to streamline your organization's workflow and reduce 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

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Access specialists worldwide who can provide product expertise, a deep understanding of your industry, and value that extends beyond your software purchase. To purchase Autodesk MapGuide® Enterprise software, contact an Autodesk Premier Solutions Provider or Autodesk Authorized Reseller. Locate a reseller near you at **www.autodesk.com/reseller**.

Autodesk Learning and Education
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