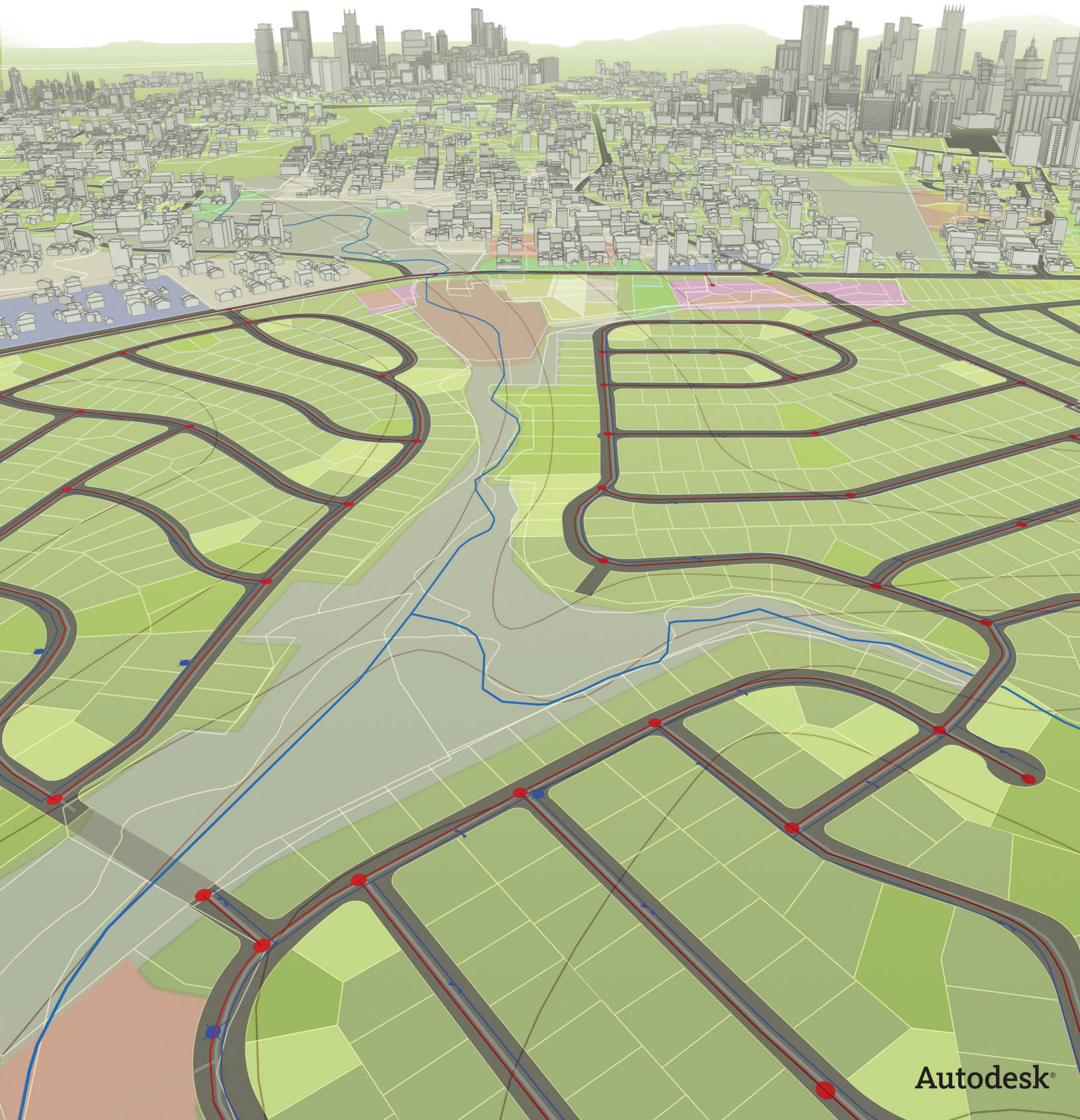# Autodesk
MapGuide® Enterprise

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 software helps team members make better decisions more quickly.

Select the Best Fit

- MapGuide Open Source software 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 **http://mapguide. osgeo.org**, where OSGeo hosts this important and award-winning project.

- Autodesk MapGuide Enterprise is the commercial 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 the Autodesk reputation for high quality software. Learn more at **www. autodesk.com/mapguideenterprise**.

A Powerful Application
Autodesk MapGuide® Enterprise web mapping software is a powerful application that helps deliver CAD, GIS, and asset information more quickly, easily, and cost-effectively. Autodesk MapGuide Enterprise helps organizations working in transportation, land development, telecom, water, and power industries to improve decision-making and operational efficiency by enabling customers, stakeholders, and mobile field force to more quickly access infrastructure information using a web browser. Based on MapGuide Open Source, an active open-source project, Autodesk MapGuide Enterprise helps harness the innovation of a broad community of developers, backed by commercial-grade quality assurance and support.

User-Friendly Applications and Interface
Organizations use Autodesk MapGuide Enterprise to create geospatially enabled business applications delivered over the intranet or internet and can use DWF™ format for offline and mobile portability. These applications can provide your team, stakeholders, and customers with a faster and easier way to view, query, and analyze crucial spatial information using a more straightforward, easy-to-learn interface.

Easier 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 more 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 DVD and clicking Install.
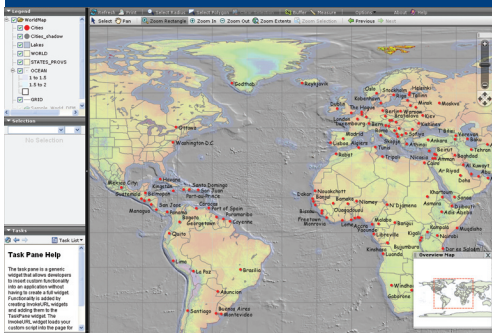
More Straightforward, Flexible Application Development
Developers can choose their development platform (.NET, PHP, Java) and enjoy a powerful API (application programming interface) consistent across all three platforms. The Feature Data Objects (FDO) data access API includes more than 150 classes exposing over 1,200 methods for publishing sophisticated GIS applications, helping developers minimize distracting data challenges.

Simpler Authoring and Web Design
Autodesk MapGuide® Studio software, the authoring tool available with Autodesk MapGuide Enterprise helps you manage the preparation of maps and data for your web applications. Create your applications with an intuitive interface, preview them as you build, upload data files, connect to databases, and stylize maps—all from the web.

More flexible web layout templates and application widgets help accelerate the development of web mapping applications created with Autodesk MapGuide Enterprise. Design and development tasks are separated, enabling web designers and application developers to build rich web mapping sites more quickly. Access to a growing number of widgets and web templates, enables designers to focus on site aesthetics without writing much code. And developers can 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 helping to reduce distribution costs. Enjoy a more efficient workflow, as well as improved communication among internal teams, mobile field force, and customers.

Work More Smoothly with Multiple Data Types

FDO data access technology is at the heart of Autodesk® infrastructure solutions. A feature of Autodesk MapGuide Enterprise software, AutoCAD® Civil 3D® software, AutoCAD® Map 3D software, Autodesk® LandXplorer® products, and Autodesk® Topobase™ software, FDO helps increase productivity by enabling developers to work on a variety of spatial and non-spatial databases and files without translation or data loss. Professionals can more 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.
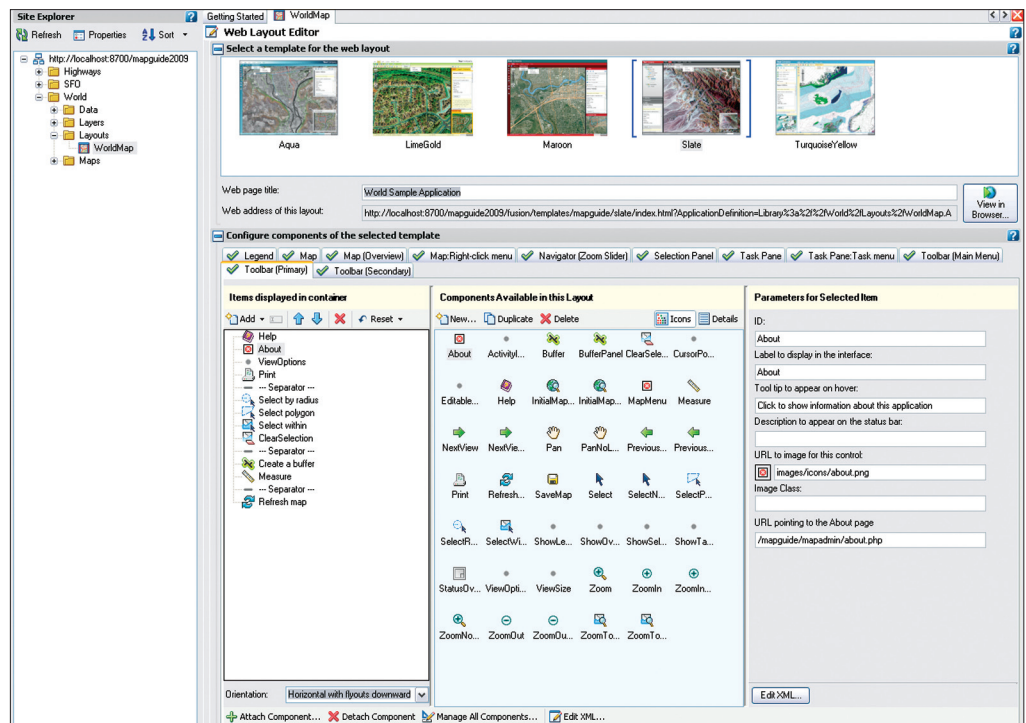
In partnership with the Open Source Geospatial Foundation™ (OSGeo™), Autodesk released FDO as an open source project to take advantage of developer support and the great variety of available data types. As they can with MapGuide Open Source, developers all over the world can tap into this powerful technology and make their own contributions. In addition to Autodesk's tested FDO data providers, this active community has built many data providers that are used by organizations worldwide.

Move Data from Desktop to Web

AutoCAD® Map 3D software—A better AutoCAD® software for planning and managing infrastructure, helps professionals working on transportation, land development, water, and power projects to more easily create, manage, and analyze design, GIS, and asset data. Combine Autodesk MapGuide Enterprise, with AutoCAD Map 3D to help share planning, mapping, and design information with a wider audience by publishing your content to the web.

Integrate, Analyze, Distribute

With Autodesk MapGuide Enterprise, organizations can more easily access data from Autodesk® software as well as from popular GIS sources such as Oracle® Spatial, Microsoft® SQL Server®, MySQL databases, ESRI® geodatabase, ArcSDE®, SHP, PostgreSQL/ PostGIS, SQLite, and popular raster formats.

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

The software also supports the Open Geospatial Consortium (OGC®) Web Mapping Services (WMS) and Web Feature Services (WFS) and provides easy access to Consumer Map Services from Google™, Yahoo!® and Bing™. And because Autodesk MapGuide Enterprise supports Internet Explorer®, Firefox®, Safari®, and Google Chrome™ web browsers, organizations can use it to deliver data and spatial functionality across a variety of operating systems and devices.

Autodesk MapGuide Enterprise offers a mapping component to enterprise systems, such as customer relationship management (CRM) and enterprise resource planning (ERP) applications.

The ability to integrate with business applications from vendors such as Oracle and SAP gives developers more flexibility. The systems can interact more smoothly, often without the need to generate and view a map. For example, the software can check location information automatically before committing data to the enterprise database, helping to better manage 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 an easy to use yet powerful infrastructure intelligence tool that helps deliver 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

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. To license 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
From instructor-led or self-paced classes to online training or education resources, Autodesk offers learning solutions to fit your needs. Get expert guidance at an Autodesk Authorized Training Center (ATC®) site, access learning tools online or at your local bookstore, and validate your experience with Autodesk certifications. Learn more at **www.autodesk.com/learning**.

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