



“Our system maintains a high degree of attribute integrity within Oracle without having to use an expensive third-party GIS integration tool ... The system also helps us to publish data for a large number of users without forcing them to connect to it through proprietary middleware or a spatial engine.”

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

#### Benefits of the Autodesk and Oracle Solution

- Enables easy data flow to increase collaboration and improve decision making
- Centralizes CAD and GIS data to reduce data and process redundancy
- Manages geospatial data with standard IT tools to lower overhead and reduce the learning curve for staff
- Delivers open and non-proprietary technology to enable flexibility

## Integrate, Streamline, and Save

Autodesk and Oracle provide ways for organizations to easily create, manage, and share geospatial data.

Autodesk has a close and longstanding strategic alliance with Oracle. Autodesk and Oracle technology works together to facilitate information flow between departments and increase collaboration. With an Autodesk and Oracle solution, an organization can store CAD and GIS data in a single central database, minimizing process redundancies and allowing for easy data access and sharing. It also enables geospatial data management through standard IT tools—lowering overhead and reducing the learning curve for staff.

#### The Open Data Advantage: Lower Costs and Improved Data Flow

Some GIS technology uses proprietary data that requires expensive middleware to unlock. This makes it difficult to share and integrate GIS data with other business systems, such as enterprise resource planning systems. Additionally, data cannot easily be used outside the GIS department to improve operations.

Because information stored in an Oracle spatially-enabled database can be accessed by any application using open standards, organizations that implement

Autodesk and Oracle geospatial solutions can easily integrate spatial data with other business systems. This helps to extend the value of data and improve decision-making processes.

#### Save Time with Integrated Data

Organizations using an Autodesk and Oracle solution can manage spatial and attribute information in a centralized database with common storage, indexing, query optimization, security, and user management. This reduces data and process redundancy, eliminates the need to synchronize disparate sets of data, and helps ensure data accuracy. With Autodesk software, organizations can manage their single source of data through an easy-to-use CAD-based interface. The result: streamlined system management, lower costs, and fewer IT headaches.

#### Designed to Work Together

Autodesk solutions help organizations use geospatial data in Oracle databases quickly, efficiently, and cost-effectively. And with embedded Feature Data Objects (FDO) Data Access, they eliminate the need for conversion between different databases and formats, and help to ensure data accuracy.



- **AutoCAD® Map 3D** is the leading engineering GIS platform for creating and managing geospatial data. AutoCAD Map 3D bridges CAD and GIS by providing direct access to data, regardless of how it is stored, and by enabling the use of AutoCAD tools for maintaining geospatial information.
- **Autodesk MapGuide® Enterprise** is a server-based platform for easily delivering spatial data and applications over the Web. Autodesk MapGuide Enterprise helps organizations get the full value from existing data—and reduces the cost of disseminating spatial information to customers, internal teams, the public, and other enterprise applications.

- **Autodesk® Topobase™** is an infrastructure design and management solution that extends the power of the AutoCAD Map 3D and Autodesk MapGuide platforms. Topobase integrates design and asset information in a spatial information database, so that departments across an organization can see the big picture and collaborate more efficiently.

### Manage Database Centrally Using Standard IT Tools

With their open architecture, Autodesk and Oracle solutions enable the management of Oracle databases using Oracle tools rather than proprietary GIS middleware. In Oracle, spatial tables are managed in the same way as other data tables—so database administrators can manage Oracle Spatial with familiar tools. As a result, organizations can manipulate GIS data with greater flexibility, reduce

management overhead, and train IT staff faster. And because organizations can use geospatial data without having to understand the differences between underlying data stores, more people can effectively use the information—and data can be easily consolidated within an Oracle database.

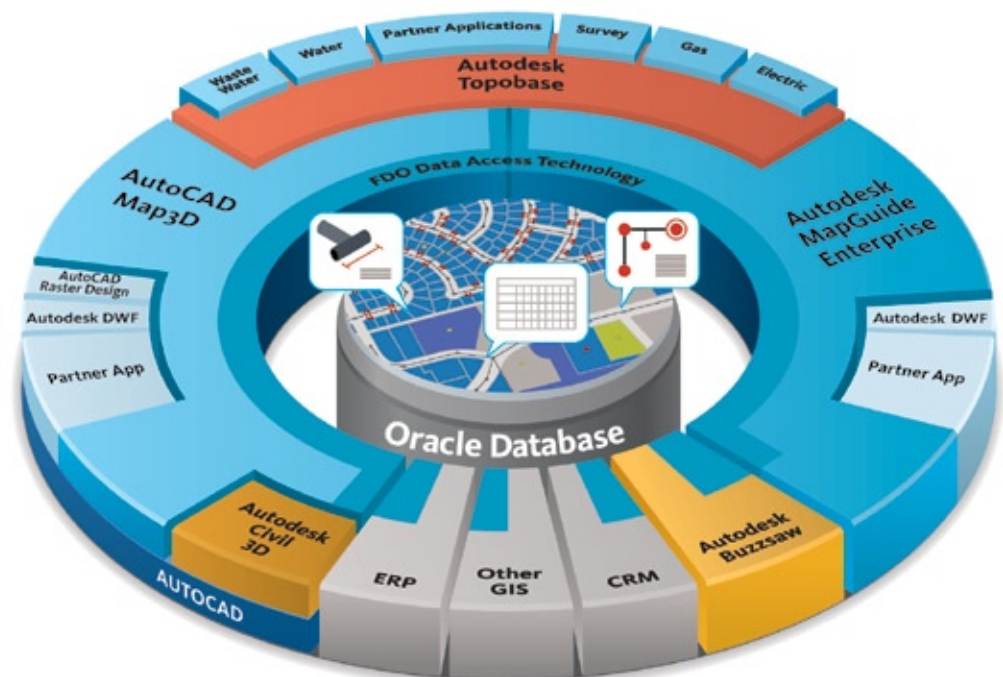
### The Autodesk and Oracle Partnership

Autodesk is a Certified Partner of the Oracle PartnerNetwork and a Key Reseller of Oracle technologies. Together, Autodesk and Oracle develop and deploy scalable geospatial solutions for utilities and government organizations—large and small.

Visit [www.autodesk.com/oracle](http://www.autodesk.com/oracle) to learn how your organization can benefit from the partnership between Autodesk and Oracle.

“Our complementary technological strengths and shared commitment to helping customers make the most of their data makes this a particularly strategic partnership for Oracle.”

John Gray  
Group Vice President of Partner Alliances  
Oracle



Geospatial solutions from Autodesk and Oracle enable integrated, streamlined, and cost-effective data editing, management, and storage.

