



# Autodesk Geospatial 2009

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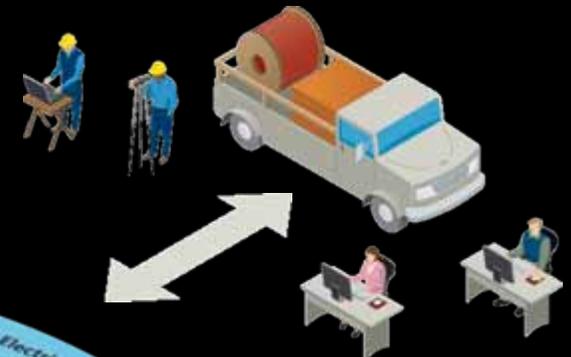
# The World's Leading 2D and 3D Software Company

- Autodesk is a Fortune 1000 company
- 100% of the Fortune 100 use our products
- 7 million registered users around the world
- Unsurpassed partner network
- More than 2,500 third-party developers

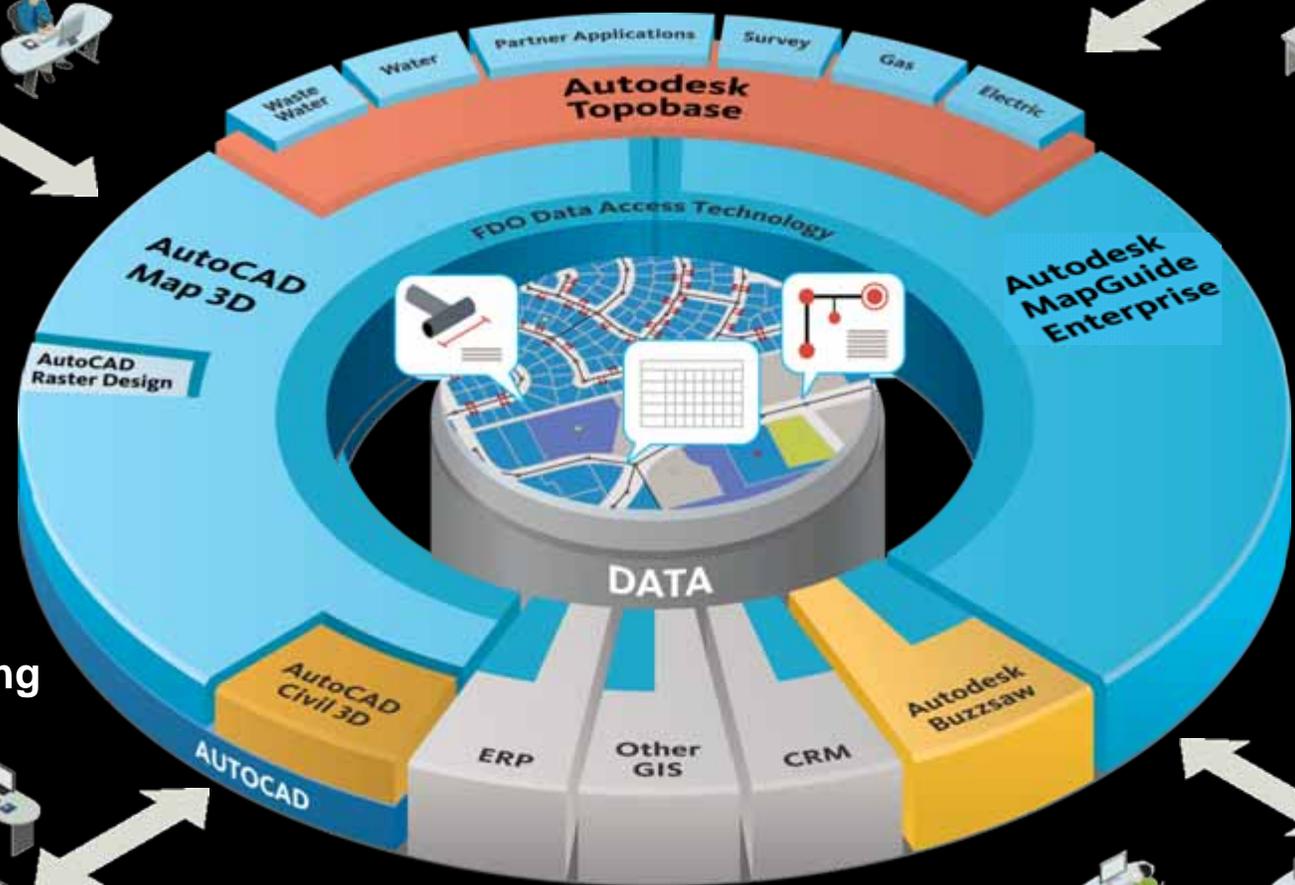
# Autodesk Geospatial

## Solution Modules for Infrastructure Management

Planning  
GIS



Operations



Engineering  
CAD



Public  
web clients



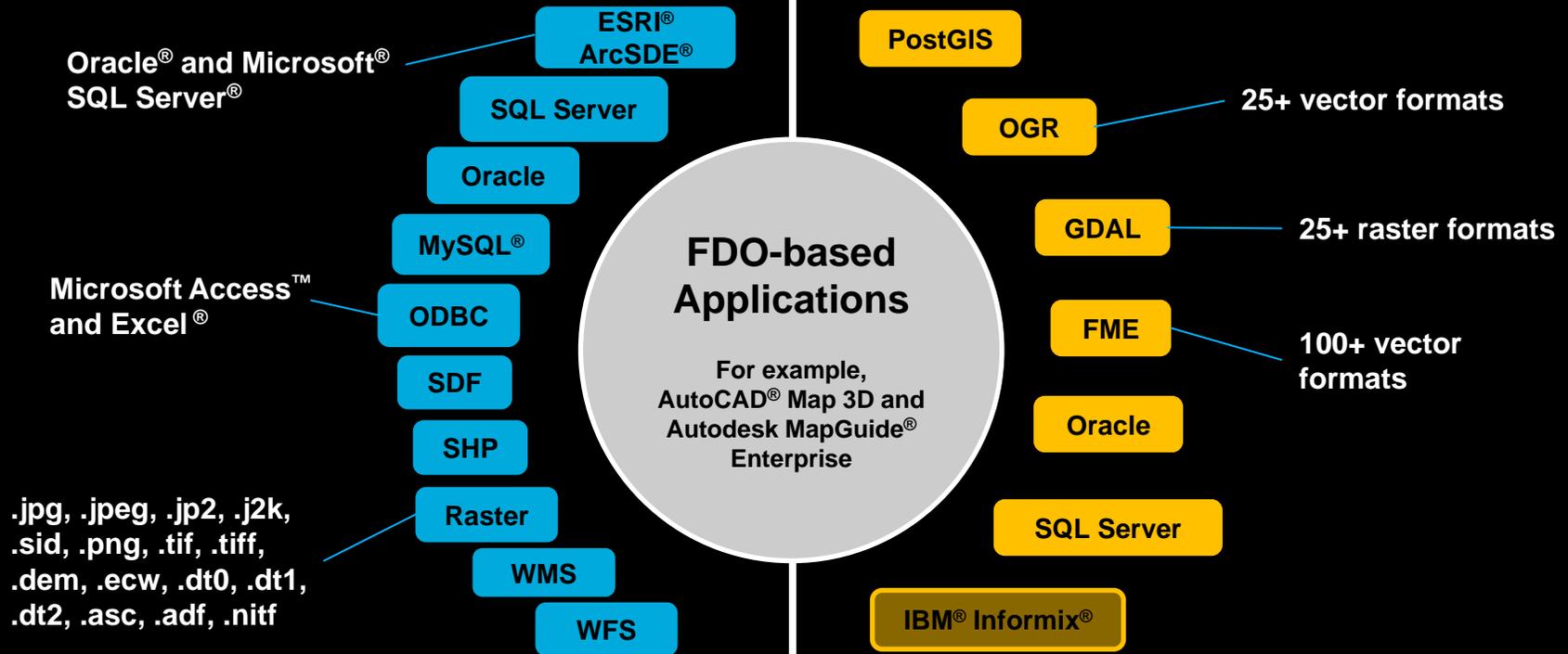
Business  
applications

Autodesk

# FDO Provider Overview

## Autodesk® Certified Providers

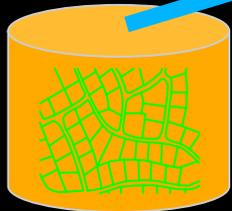
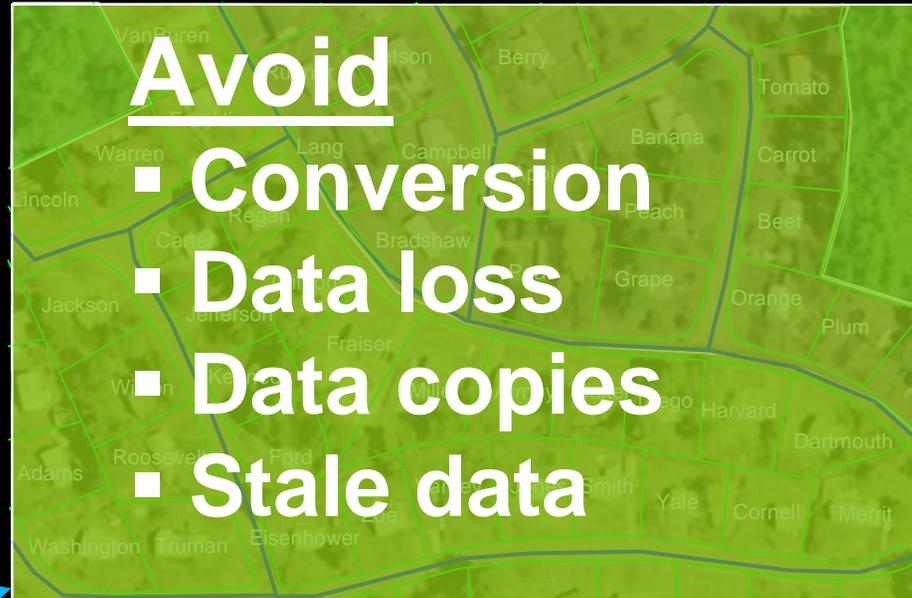
## Third-Party or Open Source Providers



**Natively access data from multiple spatial sources without copying or file conversion**

# FDO Geospatial Data Access

Natively access  
data from multiple  
spatial sources



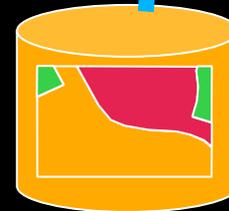
Parcel data from  
Oracle® databases



Utility data from  
an SDF file



Property data  
from Microsoft®  
SQL Server™



Zoning data  
ESRI® ArcSDE®



Aerial photos

# AutoCAD Map 3D Overview

- **Direct access** to CAD, GIS, and raster data formats
- **AutoCAD® tools** for precision editing of GIS data
- **GIS tools** for map creation, stylization, and analysis
- Powerful, flexible, and open **data management** tools
- Direct **web publishing** via Autodesk MapGuide® Enterprise and the DWF™ file specification

# Split and Merge Rules

## Precision CAD Editing

The screenshot displays the AutoCAD Map 3D 2009 interface. The main window shows a map of a residential area with a parcel highlighted in blue. A data table is overlaid on the map, showing the following data:

Autogenerated_SD	ADDRESS	STNAME	APN	ACRES	AREA	LAND_VALUE
32636	-999999	Not_Assigned	Easement	0.135	5891.408	0
32637	-999999	Not_Assigned	Easement	0.031	1369.554	0
32638	-999999	Not_Assigned	Easement	0.028	1199.819	0
32639	955	ROYAL OAKS DR	103750001000	21.222	924439.841	0
32640	955	ROYAL OAKS DR	103750001000	21.222	924439.841	0

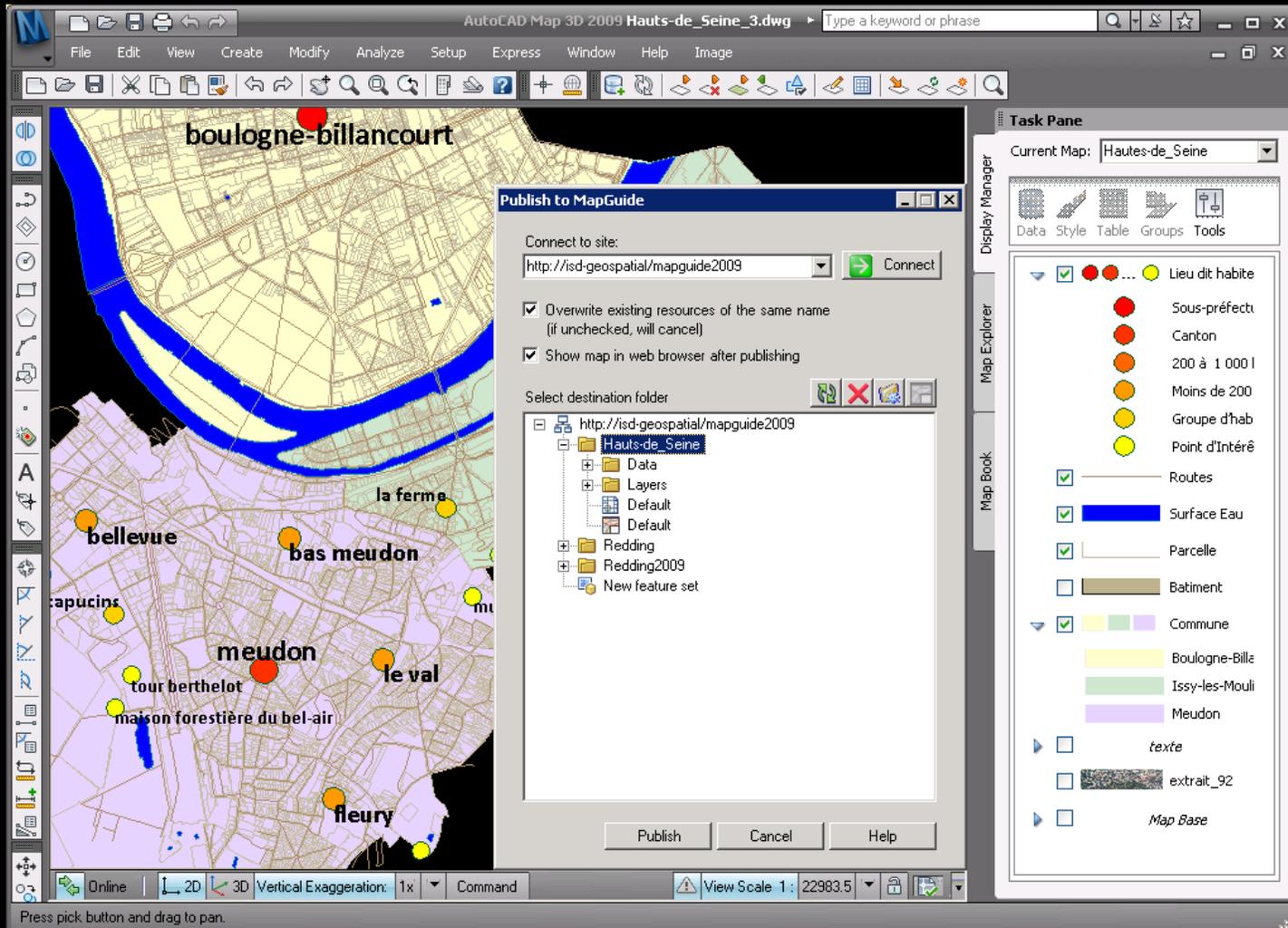
The 'Split and Merge Rules' dialog box is open, showing the following settings:

- Feature properties: AREA (selected)
- Property attributes: Identifier (False), Data type (Double), Auto generated (False), Read-only (False), Nullable (True)
- Split rule: based On: Proportional, Area2D(Geometry)
- Merge rule: Sum

The dialog box also includes a 'Learn more' link and 'OK', 'Cancel', and 'Help' buttons.

# One-Step Publishing from AutoCAD Map 3D

## Easily Share Desktop Data with End Users Over the Web



# What's New in AutoCAD Map 3D 2009

## More Powerful Functionality

- **ISO metadata**—ISO 19115 and 19139
- **Publishing:**
  - Web layouts automatically generated when publishing to Autodesk MapGuide® Enterprise
  - Consistent labeling between AutoCAD® Map 3D and Autodesk MapGuide Enterprise
- **Application programming interfaces(APIs):**
  - Production-ready Geospatial Platform API
  - Five new samples
- **Deployment options**—Citrix® ready application, enabling deployment via a Citrix application delivery environment

# What's New in AutoCAD Map 3D 2009

## More Powerful Functionality

- **AutoCAD® 2009 software**—contains all the features and functionality of AutoCAD 2009
- **User interface**—Expression Builder, tooltips, and Data Connect
- **Data creation and editing**
  - More AutoCAD commands for FDO-accessed data stores
  - New Split and Merge functions
- **Data management**—constraint-based attribute creation for FDO-accessed data stores
- **Data exchange**—enhanced DWG vectors to and from FDO data stores
- **Map creation and stylization**—improved labeling: segment stitching and text along a curve for FDO-accessed data stores

# The Value of AutoCAD Map 3D

## CAD and GIS Together

- Leverage CAD-trained workforce to manage geospatial data.
- Create better designs.
- Improve information sharing between engineering and other departments.

[www.autodesk.com/map3d](http://www.autodesk.com/map3d)

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