THE V8 GENERATION

create manage publish

Bentley Systems
13 December
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Agenda

- Overview
- Create
- Demonstration

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Overview

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Corporate Highlights

Long history and established track record

- 18-year history of revenue growth and profitability
- 2001 revenues of $202.6 million
- 1,200+ employees, 70 offices, 38 countries
- Large, entrenched, and diverse customer base with over 315,000 registered licenses of MicroStation

Bentley's Commitment

Solutions to GeoSpatial content

- Re-Use of different formats, databases without conversion and loss of intelligence
- Create, edit, design and maintain maps and models with efficient tools. Fast, versatile and productive
- Manage information, projects, access and digital rights
- Publish the right information to the right place at the right time

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GeoSpatial Product Positioning

Create:

- MicroStation V8
- MicroStation GeoGraphics

Manage:

- ProjectWise

View/Publish:

- Bentley View/GeoOutlook
- Bentley Publisher
- Digital InterPlot

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Create

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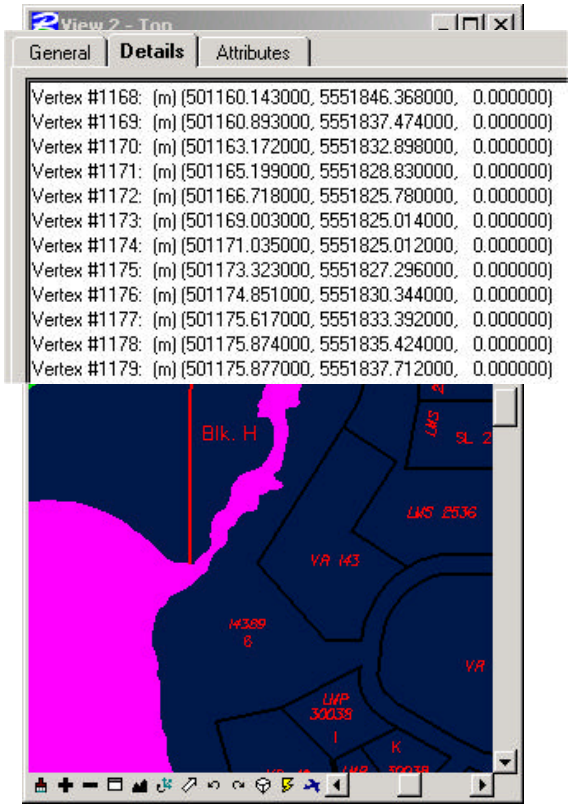
MicroStation GeoGraphics V8

- Best Geo-Engineering platform
- No limits on:
  - Number of levels
  - File size
  - Number of reference files
  - Size of the element
- Raster Manager
- Reads and writes DWG without conversion



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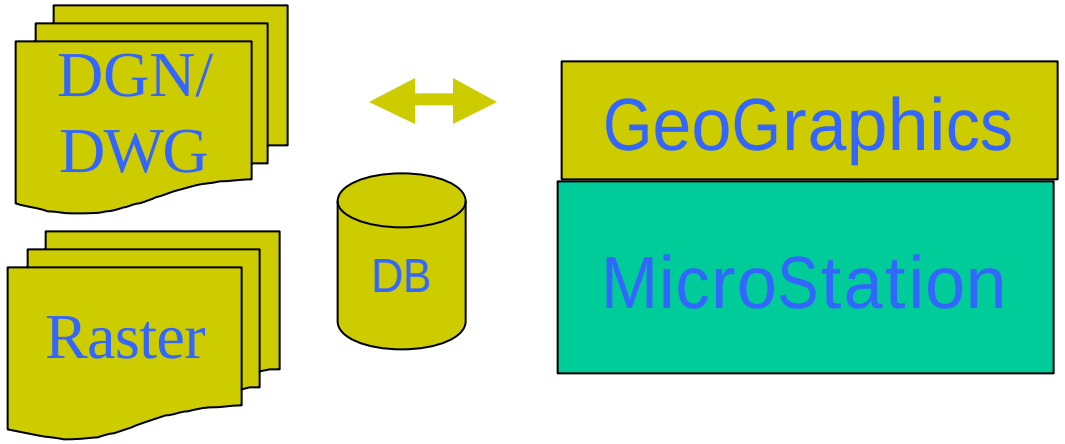
MicroStation GeoGraphics V8

- GIS platform on top of MicroStation
- MGE Model Supported
- Supports Cad Neutral Files + Rasterdata + database
- Classification on Category/Features
- Intelligent data
- Map management
- Import/Export
- 2D&3D support
- ...



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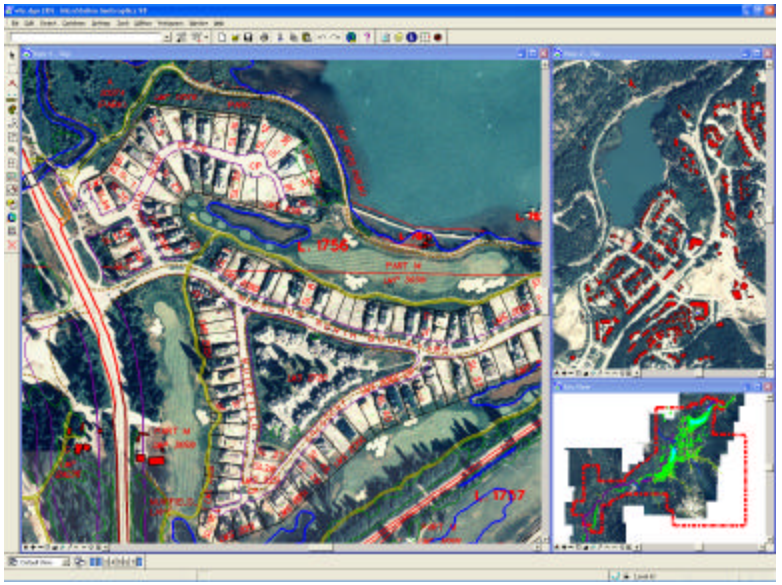
MicroStation GeoGraphics V8

GeoSpatial:

- Oracle 8 & 9i Support
  - » Locator for Standard Edition
  - » Spatial for Enterprise Edition
- GML



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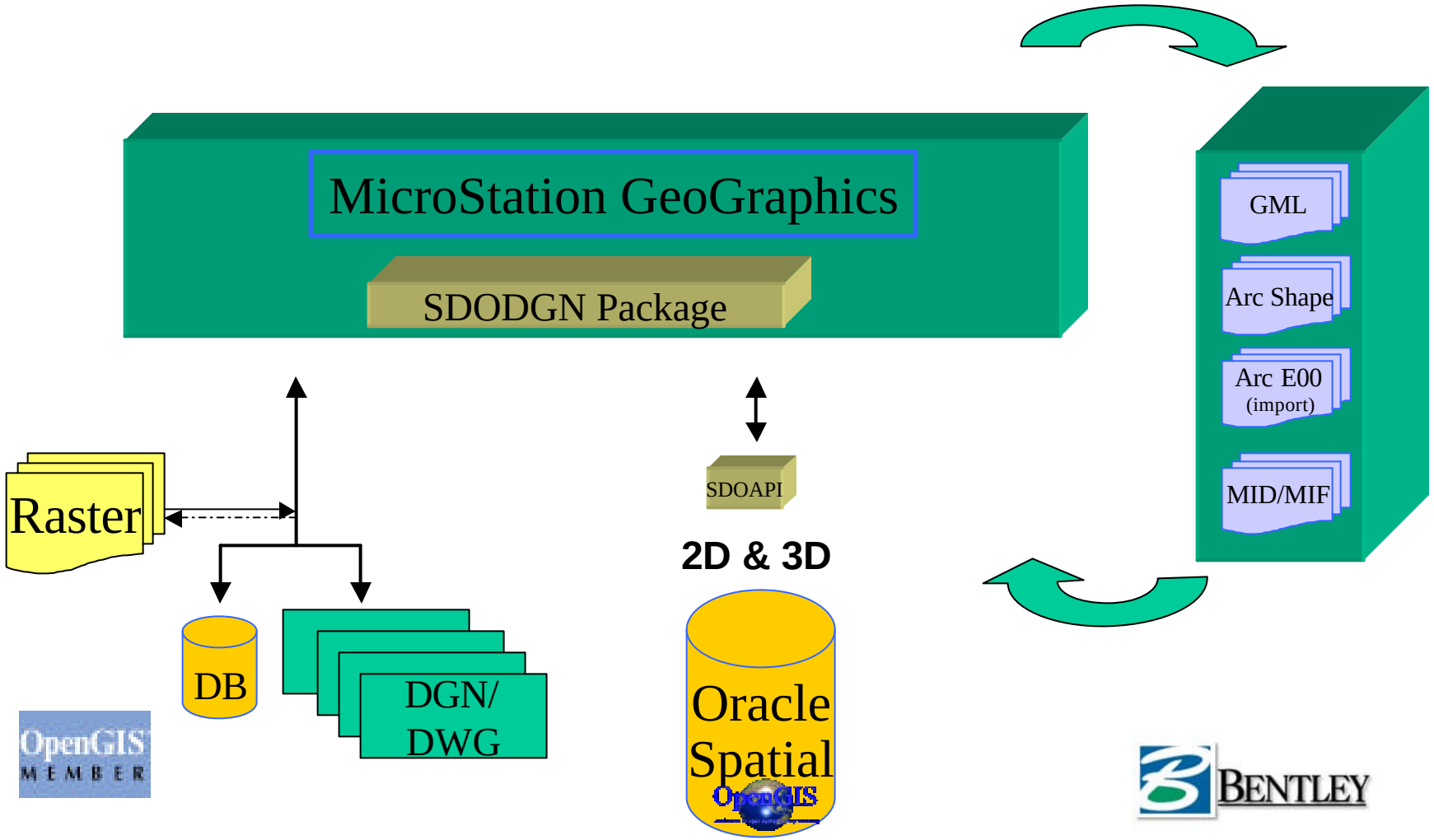
MicroStation GeoGraphics V8



Demonstration

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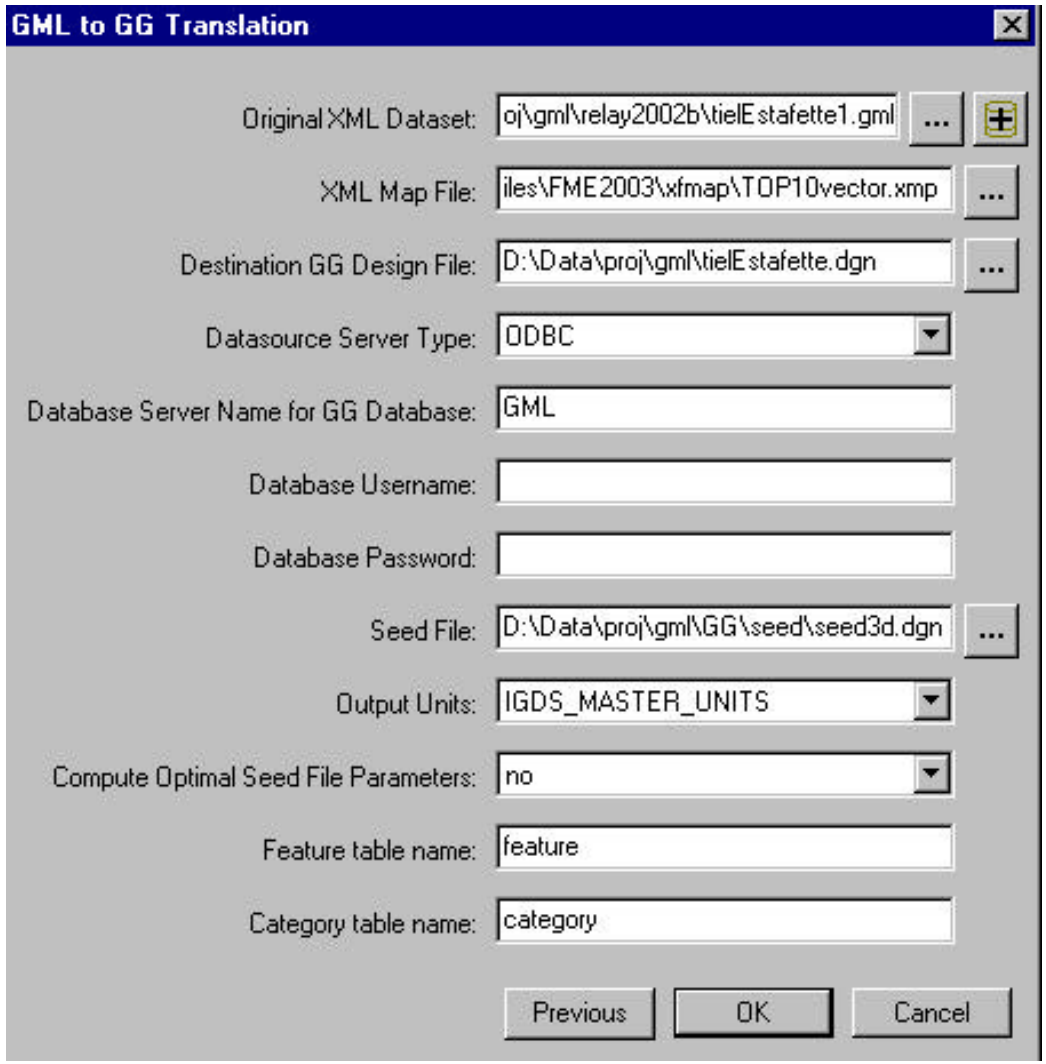
FME conversion dialog box GML translation



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FME conversion GML to GeoGraphics log file

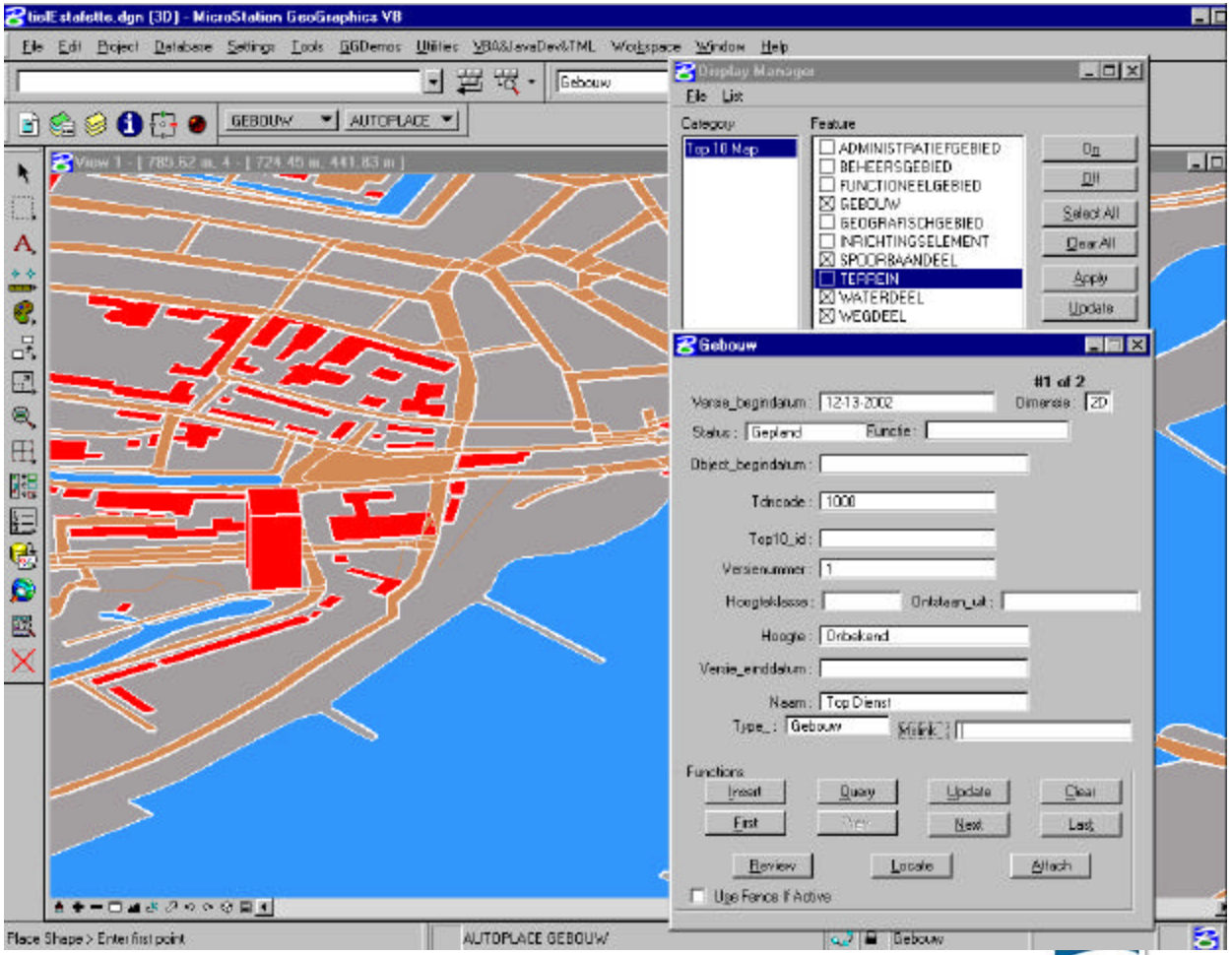
relay2002b\gmlToGG.log

```
-----------------------------------------------------------------------------
                          Features Written Summary
-------------------------------------------------------------------------------
ADMINISTRATIEFGEBIED (ADMINISTRATIEFGEBIED)                                  2
GEBOUW (GEBOUW)                                                            616
GEOGRAFISCHGEBIED (GEOGRAFISCHGEBIED)                                        4
INRICHTINGSELEMENT                                                          63
SPOORBAANDEEL (SPOORBAANDEEL)                                                2
TERREIN (TERREIN)                                                          427
WATERDEEL (WATERDEEL)                                                      144
WEGDEEL (WEGDEEL)                                                         1324
===============================================================================
Total Features Written                                                    2582
-------------------------------------------------------------------------------
Translation was SUCCESSFUL (2519 feature(s)/25083 coordinate(s) output)
FME Session Duration: 7276.4 seconds
Stopping Translation...

Translation Stopped.

Translation complete
```

Result in MicroStation GeoGraphics V8



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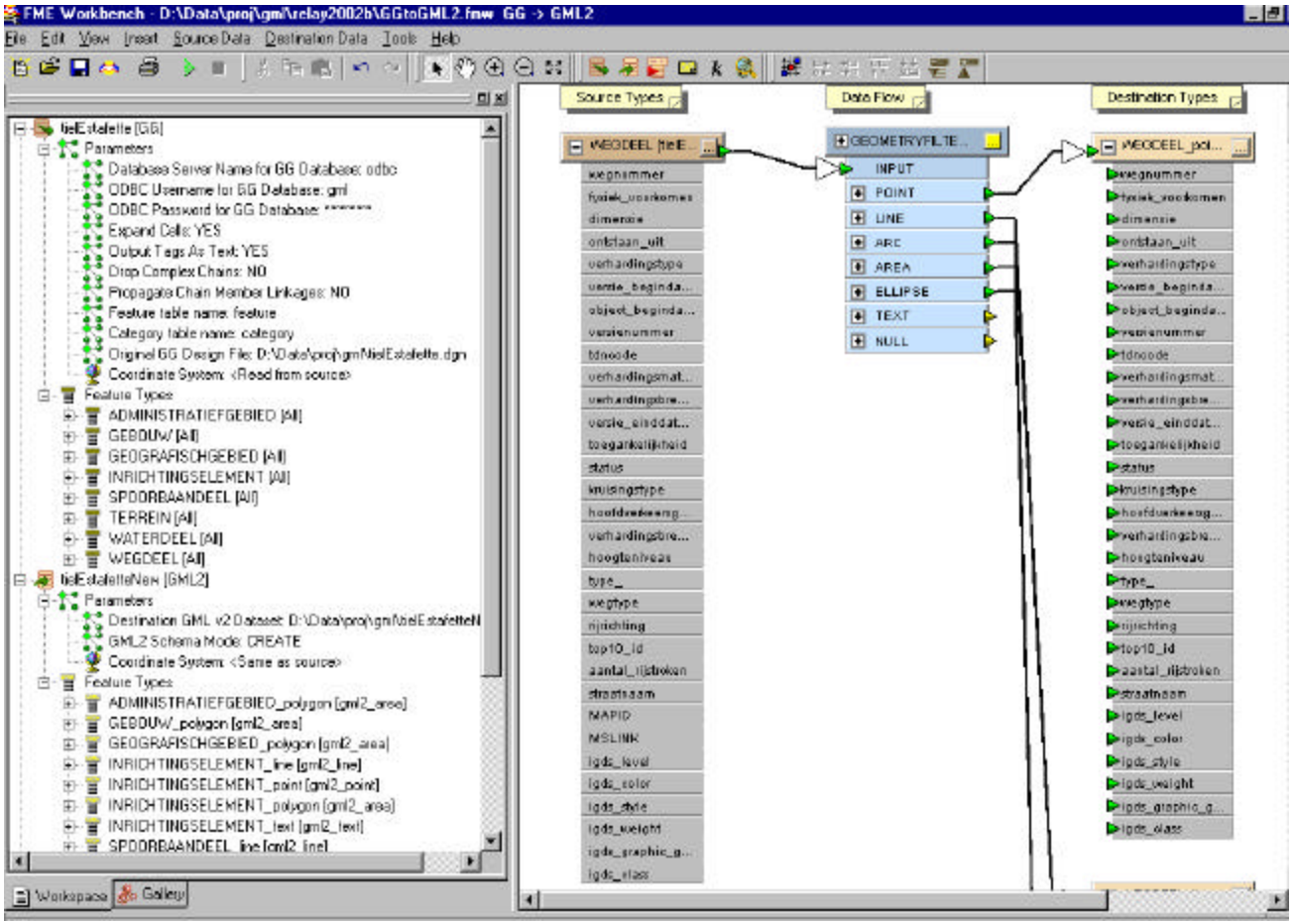
FME Workbench dialog box



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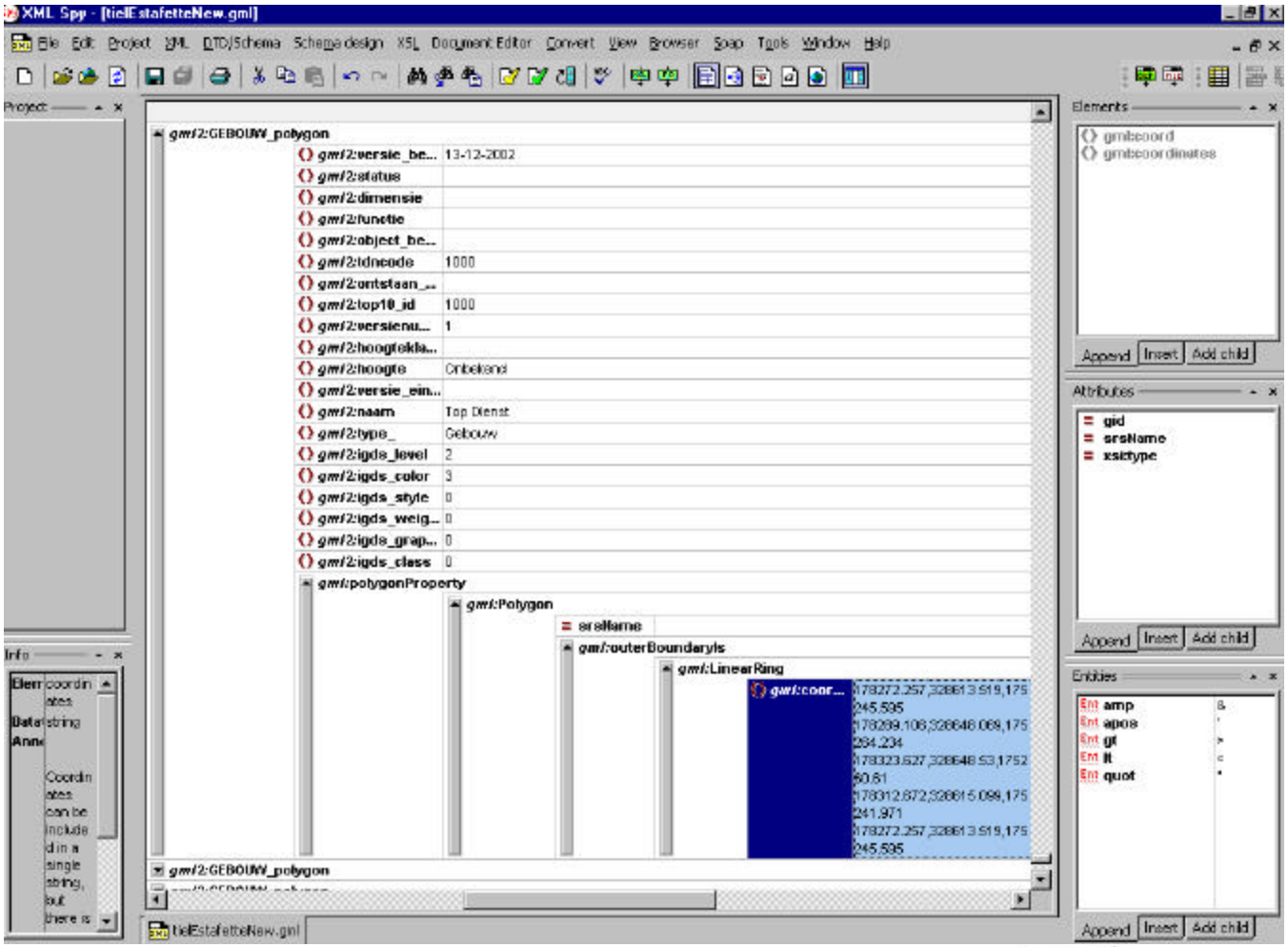
New GML validated and viewed with Spy XML



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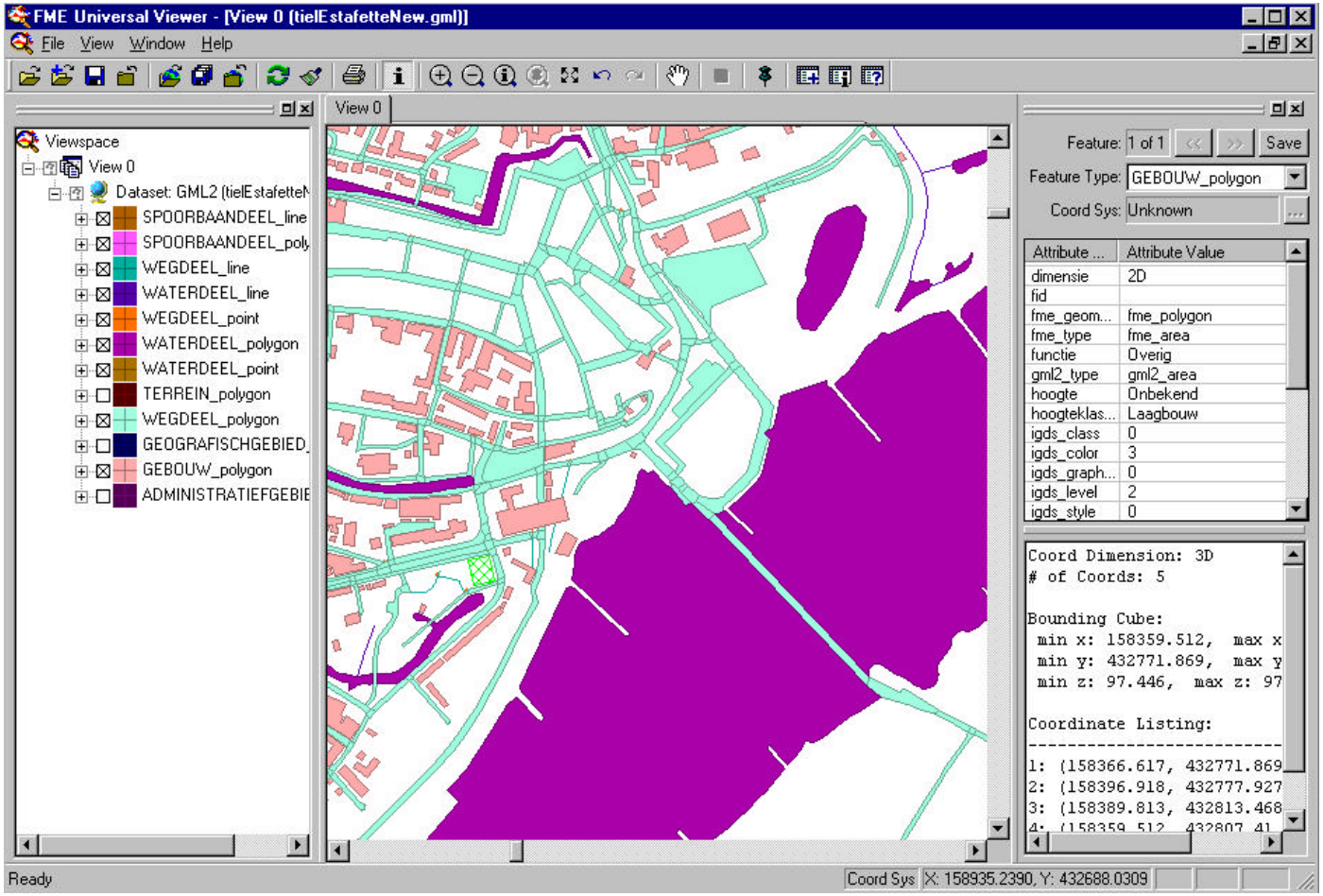
New GML file viewed with FME Viewer



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