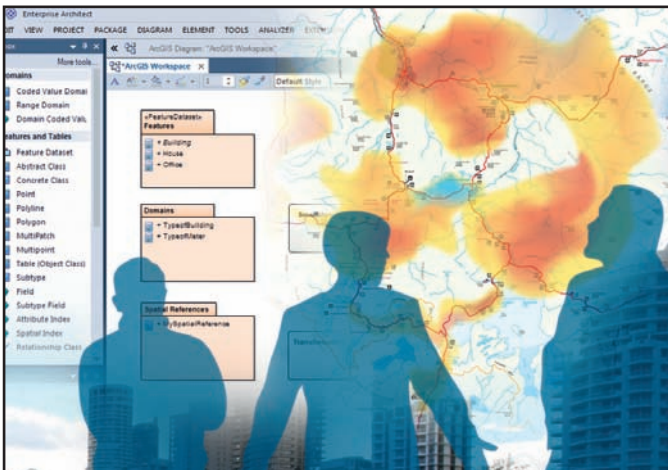# ArcGIS Geodatabase Design with UML

Geodatabase design using open standards

Enterprise Architect supports the design of geodatabases for the ArcGIS 10 platform developed by Esri Inc. ArcGIS is supported out-of-the-box for users of Enterprise Architect Professional edition and above!

Communicate Geospatial Designs

As a standards-based modeling environment, Enterprise Architect empowers geospatial domain experts:

- Visualize geodatabase designs using UML
- Communicate designs to all stakeholders
- Link geodatabase designs directly to enterprise models and requirements
- Trace from corporate strategy to realization by critical GIS components.

Corporate geospatial information management is no longer relegated to 'back-room' status!

Geodatabase design using open standards

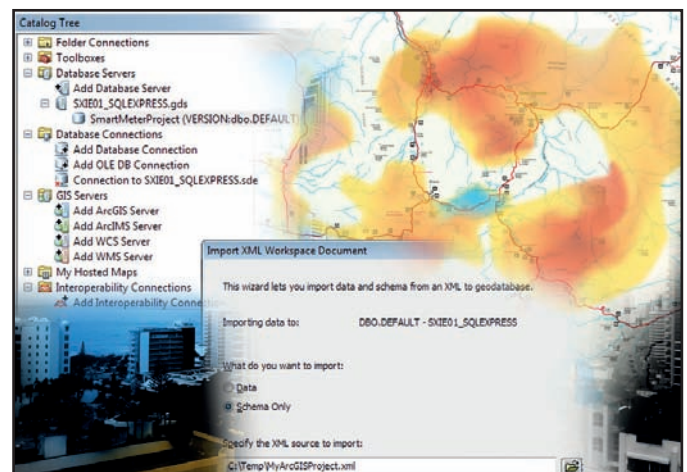## Model and Generate Geodatabase Schemas

Visual modeling of geospatial databases can help to improve productivity. Enterprise Architect now includes Sparx Systems' UML profile for ArcGIS. Simply drag and drop ArcGIS feature types onto a diagram and visually connect these elements, just as you would for a UML Class diagram.

Then leverage Enterprise Architect's built-in schema generator to create an ArcGIS workspace from your model. Document once and eliminate manual implementation!

Visualize Legacy Geodatabases

You can also work in reverse. If you have a legacy geospatial database that you need to visualize, simply import the XML workspace document that contains the ArcGIS schema, and Enterprise Architect will do the rest. You'll have a visual model of your geodatabase, based on industry-standard UML notation.

You can easily navigate reverse engineered geodatabase models using built-in tools, such as Enterprise Architect's Pan & Zoom view and the model search facility.

Visio Migration

A great number of companies have invested significant cost and effort towards documenting their process flows using Microsoft Visio. Sparx Systems' MDG Link for Visio provides a quick, easy migration path for your Visio diagrams into Enterprise Architect, to provide maximum access to existing data and better utilization across the whole enterprise.