



# FME Solutions for Smallworld Users



Easily move data in and out of Smallworld GIS – where, how and when you need to.

## FME Desktop for Smallworld

FME Desktop for Smallworld is a spatial ETL toolset designed to help you easily move data in and out of a GE Smallworld GIS. Using an intuitive graphical user interface, you can read and write data from over 200 formats into your Smallworld 3.x or 4.x VMDS. You can also use FME's powerful data transformation capabilities to export Smallworld datastores into the precise formats and data models requested by CAD and other GIS users across your organization.

FME can help you easily perform a wide variety of data conversion tasks, including:

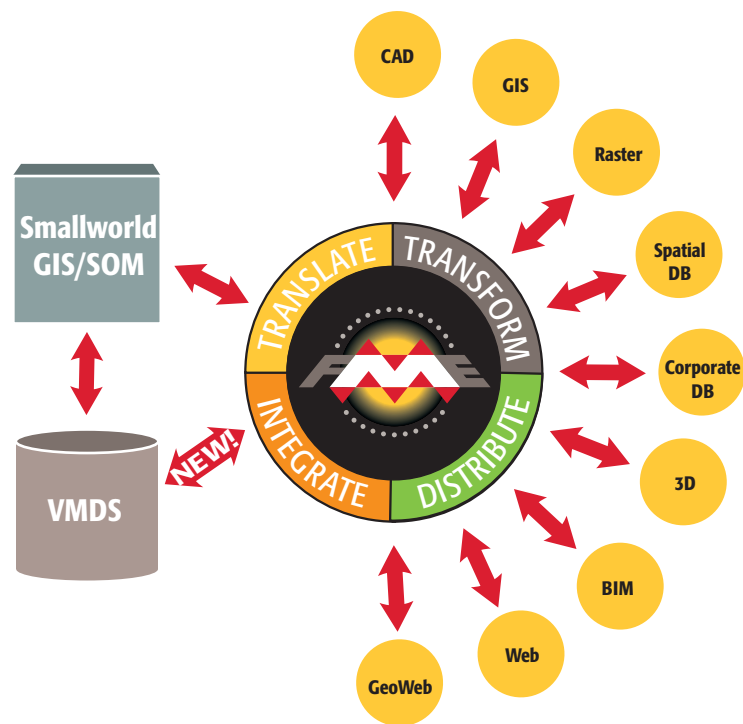
- Converting and loading data from 200+ formats into Smallworld
- Migrating data from legacy systems into Smallworld
- Visualizing and examining data
- Mapping feature attributes and types based on a schema mapping table
- Validating CAD/GIS data before importing into Smallworld

For Smallworld SOM users, FME Desktop also directly integrates with the SOM to extend its format reach, eliminating the need to translate the data beforehand. Simply choose the FME Desktop edition that best suits your format requirements, install it on the same machine as the SOM, and receive immediate access to as many as 200 formats, including DGN, DWG, Geodatabase, GeoMedia and Shape. By adding FME to your Smallworld SOM environment, you can perform spatial analysis tools on the most up-to-date data, while leaving the source data in its original location.

## FME Server for Smallworld

With FME Server, you can efficiently share Smallworld data with users – where, how and when they need it. FME Server integrates with Smallworld Internet Application Server (SIAS) to power a wide variety of data integration and distribution initiatives, for example:

- Uploading data to Smallworld via the web, while performing QA checks
- Publishing translations, with parameters, to the web for remote, self-service processing
- Streaming Smallworld data over the web in popular formats like KML, GeoRSS and more
- Enabling GeoJSON, WFS/WMS users to request and download Smallworld data in the format and projection of their choice



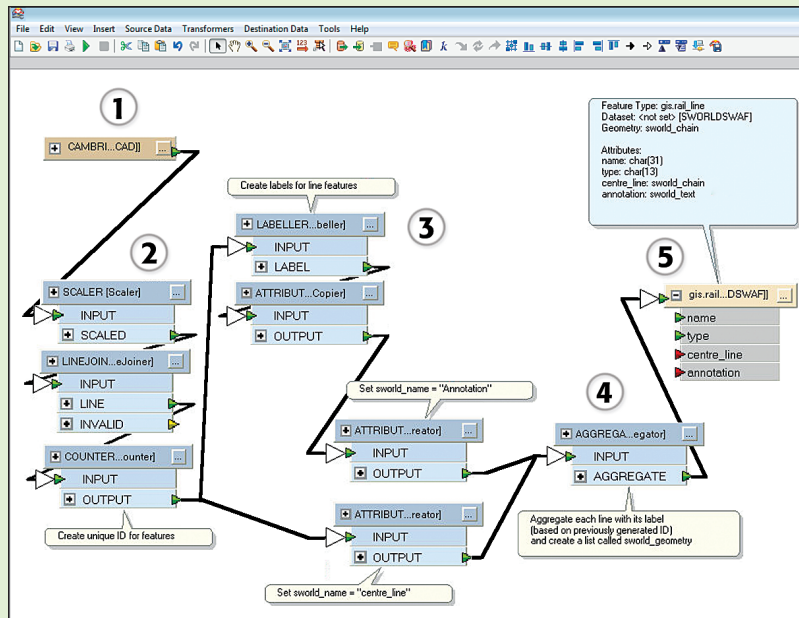
Use FME to easily read and write data from over 200 formats into your Smallworld GIS.

## Flexible Options Based on Your Requirements

FME provides two flexible options for integration with your Smallworld GIS: SpatialBiz plug-in or GE Smallworld plug-in. For more information on which is the right option for your requirements, please contact us at: [info@safe.com](mailto:info@safe.com).

## Translate, Transform and Load Data into Smallworld in 5 Easy Steps

Use FME's intuitive graphical interface to easily convert and restructure CAD, GIS and other data for loading into Smallworld.



This example illustrates how to create multiple geometry features based on a CAD dataset:

- ① Select the source data you want to read
- ② Clean up the source data as required
- ③ Create labels or annotation
- ④ Merge line and annotation geometries into a single feature
- ⑤ Write the geometries into the correct Smallworld object

### Sign Up for FME Smallworld Training

Available in both public and private onsite options, the FME Smallworld training course offers a hands-on opportunity to learn ways you can get the most out of using FME with your Smallworld system.

Topics include:

- Configuring FME for Smallworld
- Inspecting Smallworld data
- Exporting Smallworld data
- Importing data into Smallworld
- Best practices for configuring transformations and publishing parameters

To register, contact us at 604-501-9985 ext. 287 or email [training@safe.com](mailto:training@safe.com).

### Subscribe to the FME Evangelist

The FME Evangelist offers FME users insider news, cutting edge examples and the latest developments in FME functionality. Check out the special Smallworld issue that highlights resources to help you become an expert at using FME with your Smallworld system.

Access demos, examples, papers and more at: <http://evangelism.safe.com/smallworld>.

### Broad Format Support

FME supports a wide variety of formats including:

- Autodesk AutoCAD  
DWF, DWG/DXF and Map 3D Object Data
- Bentley MicroStation Design (DGN)
- ESRI Geodatabase (ArcSDE, File-based, MDB and XML)
- ESRI Shape
- Intergraph MGE, GeoMedia Access Warehouse and GeoMedia SQL Server Warehouse
- KML (Google Earth)
- Oracle
- PLSCAD
- XML

For a more detailed list of formats supported by FME, visit

[www.safe.com/formats](http://www.safe.com/formats).

### About Safe Software

Safe Software powers the flow of spatial data with its software platform FME, the recognized standard in spatial ETL (extract, transform and load).