



FME – The exchange platform for spatial data

con•terra



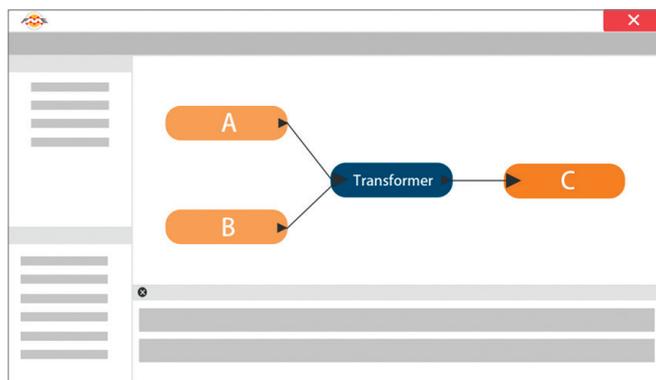
FME – The exchange platform for spatial data

Data processing with maximum flexibility

FME® is a very powerful and flexible tool for efficient processing and exchange of data – with a special focus on spatial data. The Spatial ETL approach forms the basis of FME technology (Extract, Transform, Load). FME enables the import (Extract) of over 350 different data formats from GIS and CAD systems, web services, databases, 3D formats and several non-spatial formats, such as CSV, Excel or XML. The source data is transferred to a neutral internal format and can thus be edited regardless of format (Transform). Once transformed, FME can write data to any target format or directly import it into the appropriate GIS, CAD or business system (Load). FME is available for desktop, server or cloud.

FME Desktop

FME Desktop can read virtually any data source. So-called FME transformers offer functionality to flexibly modify, enrich and quality-assure the imported datasets. Using an interactive graphical interface, process steps are defined in an easy and comfortable way – no coding is required. Once the desired outcome is achieved, data can be exported into any target data format, databases or web services.

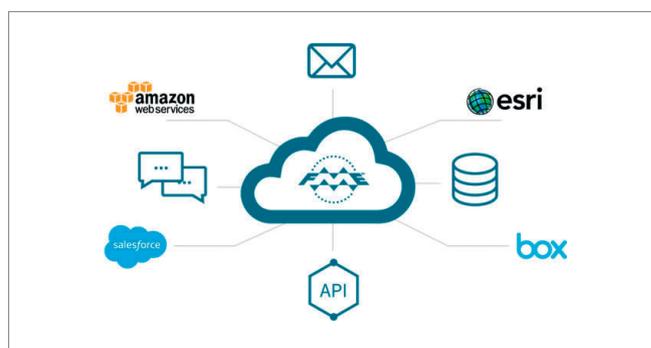


FME Desktop is a highly efficient and powerful data hub with the following features:

- Reads and writes over 350 data formats
- Over 475 pre-defined functions (FME Transformer)
- Flexible processing of geometry and data attributes
- Data transformation, migration, conversion
- Database updates and version changes
- Simple schema mapping of different data models
- Data harmonization from different sources
- Quality assurance of spatial and non-spatial data
- Coordinate transformation (e.g. GK ↔ UTM)

FME Server and FME Cloud

The processes configured with FME Desktop may be transferred to the FME Server or FME Cloud to make the extensive features of FME technology accessible via the browser. Published in this way, FME processes are made available to a larger group of users. The users neither require their own licenses, nor any technical know-how. Through standardised interfaces such as REST or OGC services, all components of Spatial Data Infrastructures can be served with the necessary data and formats by using FME Server or FME Cloud. The FME Notification Service can also receive, process and distribute information in real time.



Typical applications for FME Server or FME Cloud:

- Web-based data supply (Clip, Zip and Ship)
- Automation of repetitive processes
- Data transformation and data manipulation “on the fly”
- Provision of services, e.g. OGC services
- Data provision independent of the data model
- Streaming of spatial information in web apps
- Server-side processing of predefined FME processes
- Requirement-oriented scaling
- Real-time data processing and distribution
- Quality assurance and automatic data verification

con terra – European Service Center for FME

As a European Service Center for FME, con terra GmbH offers a wide range of services:

- Advice, assistance and consulting to FME
- Integration of FME technology into infrastructure
- Development of customised solutions
- Process optimisation with FME
- Integration of FME into existing applications
- Integration of new formats and functions (Transformer)
- Training with certified trainers
- Support services for customers and partners

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