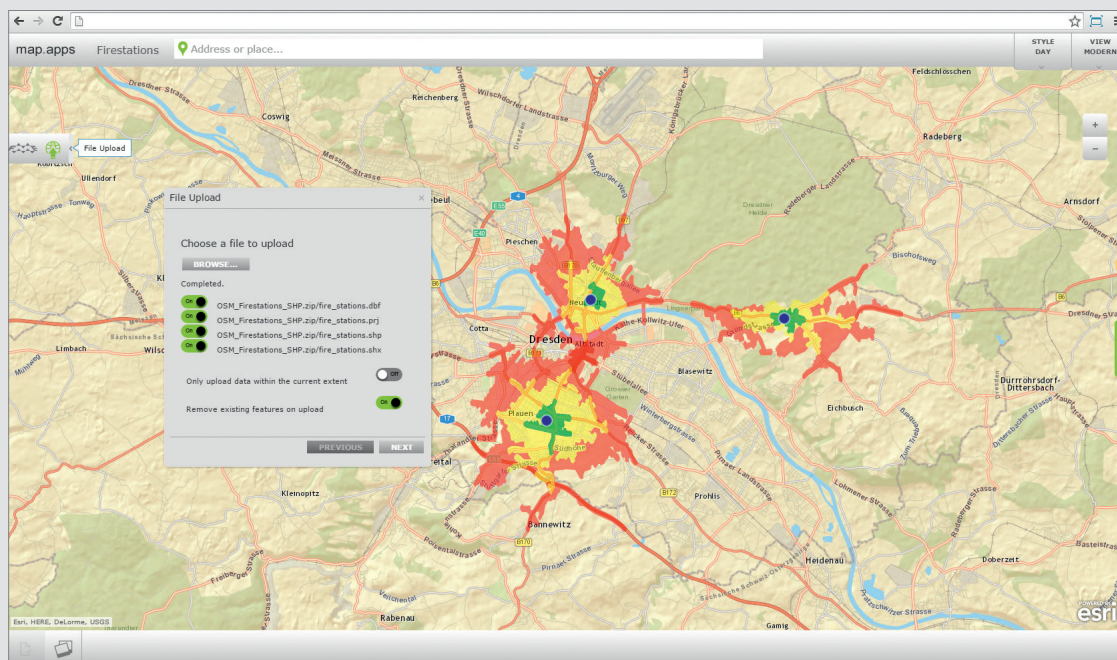map.apps ETL

con·terra

Data integration –
easy, efficient and flexible

## Use of Spatial ETL technology in intuitive apps

Applications based on map.apps are shaped in their design primarily by individual user specifications and technical requirements. Often it is necessary to integrate additional information from different data sources. To arrange this as quickly and efficiently as possible, and to simplify the generation of individual mapping applications with technical data, con terra has developed map.apps ETL.

map.apps ETL

map.apps ETL makes it possible to easily integrate Spatial ETL processes (Extract, Transform, Load), based on FME® Server, directly in map.apps. No programming work of any kind is necessary to complete this integration. The technologies are combined using a simple configuration. This keeps the actual technology for converting the data in the background for both the application administrator and for the user.

With FME as a Spatial ETL tool, you can expand map.apps with more than 350 different data sources and any number of services that can be directly read, integrated or generated from map.apps.
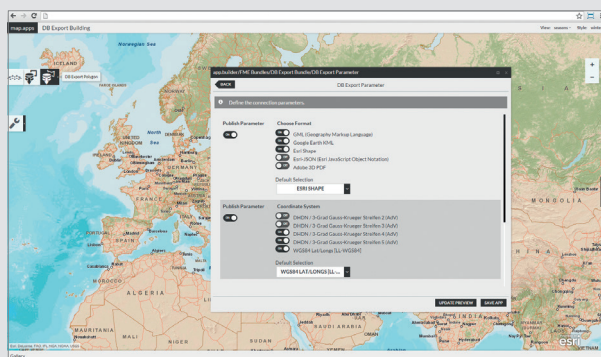
The following **workflows** are pre-configured on basis of map.apps ETL:

File Upload
Format and schema-independent reading and display of local data inventories

File Download
Provide geo-data for local use in the desired format and structure

DB Import
Import large quantities of data into a database or file-system

DB Export
Supply large quantities of data as an export in any given format

Web Connect
Live retrieval and transfer of information from services in a web-application

Real Time
Live streaming of real-time information and sensor data into a web-application

| Feature Profile |

- Pre-configured workflows
  – FME Workspace templates for every workflow
  – map.apps bundle for every workflow
  – map.apps app-template for ETL processes
- Integration of complex ETL processes
  – Use of "FME published parameters" in map.apps
  – Definition of Web-GUI directly from the FME Workbench
- Integration of FME processes without any developer work necessary
  – Configuration of FME workflows within the map.apps online configuration

Online configuration allows the administrator of a map.apps application to select an FME process on an openly available FME Server. The parameters defined in the process can either be populated just with the standard values, or defined by the end-user of the app and so made variable. For example, a buffer width, the coordinate system selection or attribute filter can be adopted in map.apps and defined by the user. With this approach, nothing more stands in the way of integration of simple 1:1 exports from an existing data store all the way to complex ETL processes.

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