

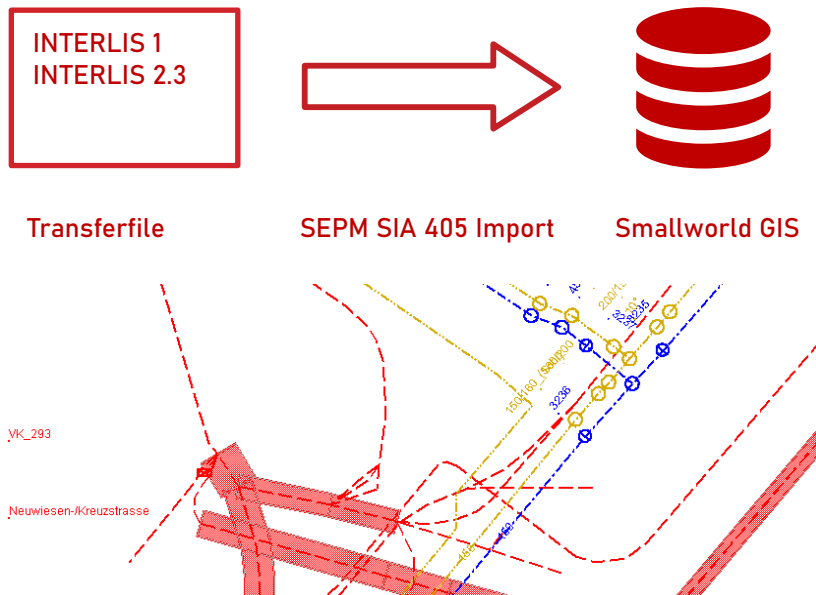
# SEPM SIA 405 Interface

Import / Export – Made Simple



## Import from SIA 405 to Smallworld

The SEPM SIA 405 import interface enables the seamless import of INTERLIS 1 and INTERLIS 2.3 data, that are available in the SIA 405 data model, to Smallworld.



Example: SIA 405 data imported into Smallworld (electricity, water, gas)

## Specifications

### Supported SIA models

- > SIA 1998 LK INTERLIS 1 / 2.3
- > SIA 2004 LK INTERLIS 1
- > SIA 2004 WI INTERLIS 1
- > SIA 2008 Abwasser INTERLIS 2.3
- > SIA 2012 LKMAP INTERLIS 2.3
- > SIA 2015 INTERLIS 2.3

### Import Formats

- > INTERLIS 1
- > INTERLIS 2.3

## The advantages of the SEPM SIA 405 import interface

- > **Import of SIA405 data:**  
Import of SIA405 data into the SEPM X-Database SIA 405.
- > **Export of SIA405 data:**  
Export from the SEPM X-Database SIA 405 to INTERLIS.
- > **X-Translator History Object:**  
An X-Translator History Object is created for each import. When the history is deleted, the associated imported objects are also deleted.
- > **Accurate symbols:**  
The data is presented exactly in accordance with the specifications of the 2015/2016 leaflets.
- > **Import into other formats:**  
An import into any licensed SEPM X-Translator target format is possible.

# SEPM SIA 405 Interface

Import / Export – Made Simple



## Export from Smallworld to SIA 405

The SEPM SIA 405 export interface enables the seamless export of data from the Smallworld application to the SIA 405 data models in the formats INTERLIS 1, INTERLIS 2.3 and DXF.

When possible, the latest data models are supported by the Swiss Association of Engineers and Architects (SIA) as well as the latest versions of the corresponding specialist application.



## The advantages of the SEPM SIA 405 export interface

- > **Support for Application Data Models:**  
Preconfigured mappings of the application data models on the SIA models (see list on the right) are available.
- > **Pre-configured data export:**  
The SEPM "Simple GUI" user interface allows for smooth, efficient data export in just a few clicks.
- > **Customisations:**  
Adjustments can be made according to customer requirements, such as exporting additional object classes or attributes, or even excluding certain data is all possible without any problems.
- > **Proven data formats:**  
The data export is based on the SEPM X-Translator INTERLIS 1 / INTERLIS 2.3 and DWG/DXF formats.
- > **Configuration of batch export:**  
The configuration for a batch export to generate operators per community is integrated. .
- > **Export to LV03 or LV95:**  
With the X-Translator Add-On an export to LV03 or LV95 with the Swisstopo Fineltra algorithm is also possible..

## Specifications

### Supported SIA models

- > SIA 1998 LK (INTERLIS 1 & 2.3)  
NRM Gas  
NRM Water  
NRM Heating  
NIS Strom
- > SIA 2004 LK (INTERLIS 1)  
NRM Gas  
NRM Water  
NRM Heating
- > SIA 2004 WI (INTERLIS 1)  
NRM Gas  
NRM Water
- > SIA 2004 LK (DXF)  
NIS Strom
- > SIA LKMap (INTERLIS 2.3)  
2012 LV03 & 2015 LV95  
NRM Gas  
NRM Water  
NRM Wastewater  
NRM Heating  
NIS Strom  
Physical Network Inventory PNI
- > SIA Abwasser 2008 LK (INTERLIS 2.3)  
NRM Wastewater

### Export Formats

- > INTERLIS 1
- > INTERLIS 2.3
- > DXF

### Applications

- > Data delivery to various stakeholders (authorities, engineering offices)
- > Import into Web-GIS (e. g. Municipality/Community-GIS)
- > Import into the SEPM X-Data-base SIA 405