

# Topography Professional

## Documentation of Topographies

### OVERVIEW

#### Benefits

- Records any kind of topographic object in the GIS
- Independent from the of geo reference data
- Centralised database for multi-utility use
- Catalogue-supported type definition with individual design

#### System requirements

Smallworld GIS, Version 4

For the documentation of utility assets in the GIS, basic geographical data need to be updated regularly. The Topography Professional tool has been developed to carry out the widest possible variety of topographic data updates independently of the data model and the stored data itself. Map enhancements to meet customers' own requirements can thus be achieved easily without developing a separate data model for this purpose.

Topographic objects (e.g. buildings, kerbs, sewer manhole covers, etc.) represent measurement reference points and are normally managed as basic geographical data at the site map level. Topography professional has been used successfully in numerous projects and meets all requirements for the efficient completion and update of topographic objects:

- The catalogues used can be customised to meet the user's requirements.
- All topographic objects can be annotated in the site map graphics.
- The representation of the topographic objects can be specified both separately theme by theme and for several themes in common (themes catalogue).
- The styles of the topographic objects can be defined.
- The object information is indicated and the objects can also be attributed by non-graphic text.

The use of catalogues allows a standardisation of the attributes. In addition, the separation of the objects by attribute enables a variety of basic geographical data (ALK, user's own base map, etc.) to be added.

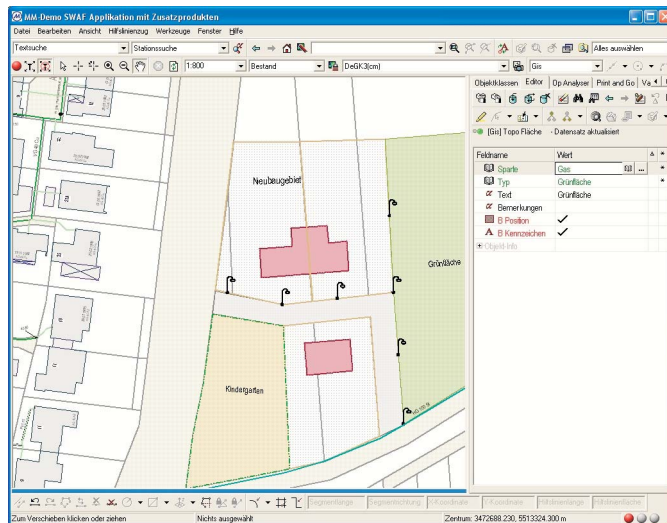


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#### Smallworld Solutions by Mettenmeier

As an Authorized Partner of GE Energy, Mettenmeier has been developing Smallworld GIS applications for over 15 years. Every day, thousands of GIS users profit from enhanced functionality and mature solutions delivered by Mettenmeier.

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Topographic objects as buildings etc can quickly and completely be added to the basic geographical data