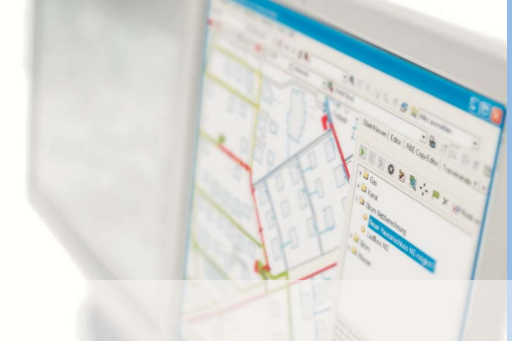


Mettenmeier Utility Solutions
Tools and additional functionality for Smallworld GIS

Quality Inspector

Efficient Data Quality Assurance in the GIS

OVERVIEW

Benefits

- Optimum quality assurance for data capture and update
- Integrated, comfortable test implementation
- Clear result presentation in Smallworld Explorer
- Efficient processing by users
- Quality control at the press of a button

System requirements
Smallworld GIS, Version 4

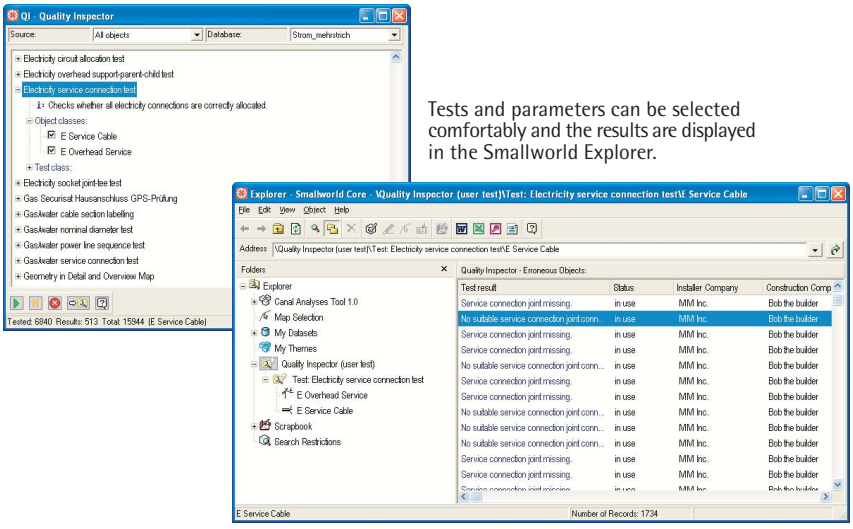
Data quality assurance is one of the most important tasks of the GIS staff. To enable your GIS data to be checked easily for integrity, plausibility and consistency, Mettenmeier GmbH provides Quality Inspector, which allows for a quick and simple check and object query within the GIS databases. The standard package includes the following checks:

- Topology check
- Discrepancies between measured and calculated dimensions
- Identification of pipe/cable/conduit sections without annotation above a length
- Test of service connections for the completeness of their components
- Check on the order of pipe sections or cable sections
- Check, whether the geometry is defined for all objects in the detail map and in the overview map
- Identification of point objects which coincide geometrically

Depending on the test, the user may add parameters. After choosing a test, the user selects the area, e.g the whole database, using a trail or chossing the current view.

Then desired quality check is carried out by Quality Inspector. All inconsistent data is automatically transferred to the Smallworld Explorer which contains an additional column with the errors. The established functions of Smallworld Explorer then allow navigation, searches, sorting and filtering to gradually eliminate the errors.

Quality Inspector has been designed as a framework so that new individual quality checks may be added. The add-on "task management" allows regular task-driven data checks.



Tests and parameters can be selected comfortably and the results are displayed in the Smallworld Explorer.

Authorized Partner
GE Energy

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 funcionality and mature solutions delivered by Mettenmeier.

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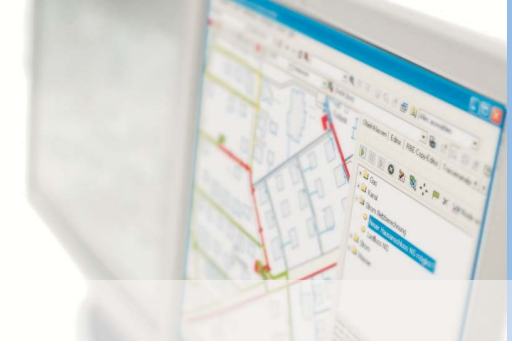


Mettenmeier Utility Solutions
Tools and additional functionality for Smallworld GIS

Quality Inspector Task Controller

Automated Data Quality Assurance

OVERVIEW

Benefits

- Automated data quality assurance
- User-defined automatic test implementation
- Test grouping to form useful tasks
- Automatic allocation of errors to the responsible staff member
- Planned and comfortable quality control in batch process

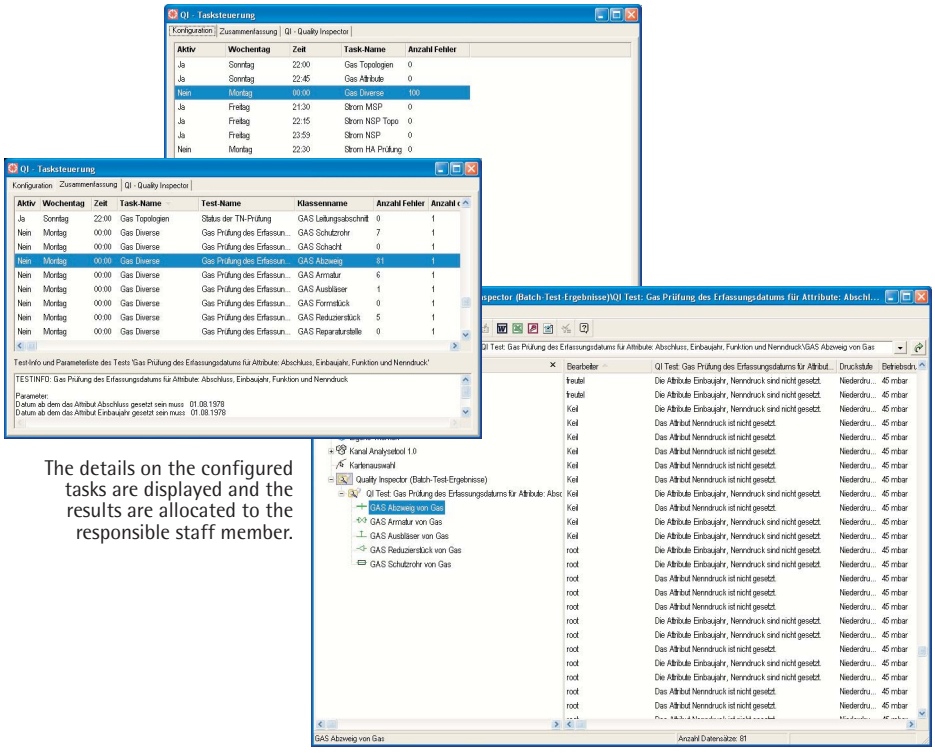
System requirements
Smallworld GIS, Version 4

Quality Inspector enables the user to carry out data quality assurance. Running regular automatic quality control tests, however, is even more efficient and leads to continuous monitoring of data quality.

With Quality Inspector Task Controller the administrator can configure each test and combine different tests in a task for automatic batch processing. The tasks can be scheduled at a certain day and time so that the automatic quality tests can be carried out at night or on week-ends.

Subsequently, the users can instantly start correcting data errors. The Task Controller starts the system and turns it off automatically so that scheduled backup tasks do not collide with quality checks.

Moreover, the Task Controller the automatic allocation of errors to a defined staff member. The person who has captured or updated an object is identified and assigned with the task of error correction. In this way, every staff member sees only those errors in the Explorer that he or she is responsible for.



The details on the configured tasks are displayed and the results are allocated to the responsible staff member.

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