



GEO CONSULT INTERNATIONAL GMBH & CO. KG

GCI

GCI - DR. SCHINDLER

GIS Development



Water Network Toolbox



The **Water Network Toolbox (WNT)** is a software solution that allows water suppliers to efficiently document and control their networks. **WNT Desktop** offers a range of tools for the management of all essential objects within a water distribution network while **WNT Mobile** provides functionality for important tasks performed in the field.

Scope of functionality:

- **Documentation** of objects related information such as flow state of armatures and numerous predefined map views
- **Editing** of geometries and attributes such as armatures, pipelines, utility stations, etc.
- **Management** of damages and inspections, water meters and documents for reporting
- **Analyses** using the network tracer and the damage assessment

The **WNT** was developed with assistance by Sachsen Wasser GmbH.

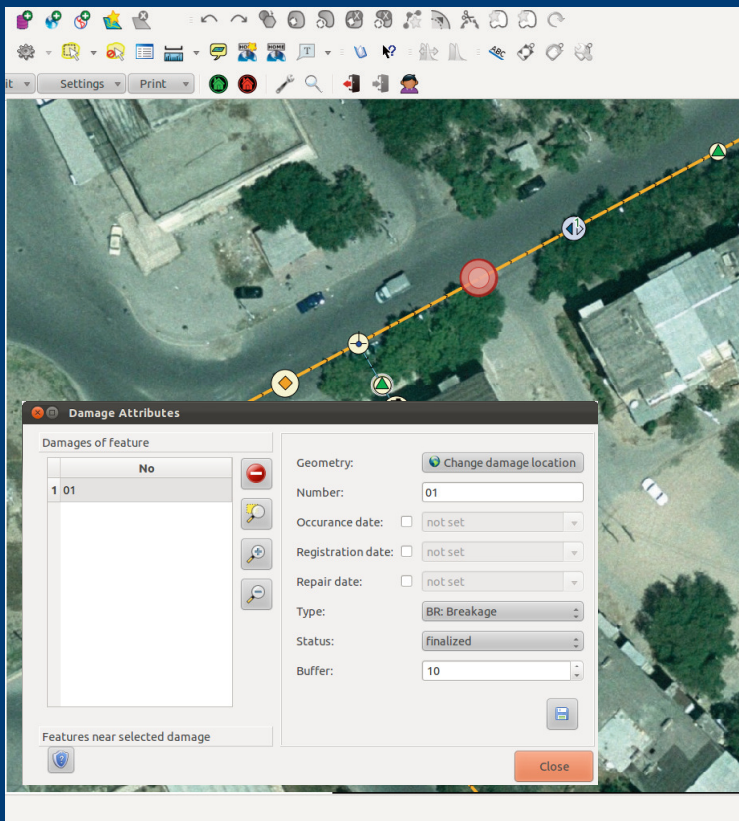
The development was cofinanced by the European Union and the Free State of Saxony





Water Network Toolbox highlights

WNT Desktop: Register a new damage via context menu of the map



WNT Mobile: Selecting a water meter for a new reading



With the development of the Water Network Toolbox, Geo Consult International focuses on a cost efficient solution and a reduction of licensing and procurement costs using **free and open source software**.

Applied technologies include:

• Quantum GIS



• PostgreSQL



• PostGIS



• PgRouting



The Water Network Toolbox runs on Windows and Linux operating systems.