

# GC Planauskunft

Legally watertight in accordance with  
DVGW GW 118 & VDE S 118





# GIS Consult

**Your partner for sophisticated GIS, web and database projects**

Since 1996, GIS Consult has supported their customers with powerful and market-tested tools for GIS and databases. We focus our products and solutions on public administration, road solutions and property information systems as well as on industry and energy and utility companies.

We combine long-standing industry experience with high expertise and technology competence. Numerous successfully completed projects bring our customers a high level of investment security and are the base for a long-term and trusting partnership.





# GC Planauskunft

## Legally watertight and web based

*Construction companies are obliged to obtain data from the grid operator when carrying out construction work in the supply area. They must be informed about laid cables and equipment in order to avoid personal injury or damage to property.*

## The challenge

The information provided by network operators sometimes requires large capacities and often entails underestimated costs. In addition, the guidelines **DVGW GW 118, VDE-AR-N 4203 VDE S 118**, as well as

the **security management based on TSM** must be observed. Otherwise, the network operator could face claims for damages.





## The solution

**GC Planauskunft** supports customers and network operators. Based on GIS technologies, you can directly find out the concern – and in case of no concern an automatic

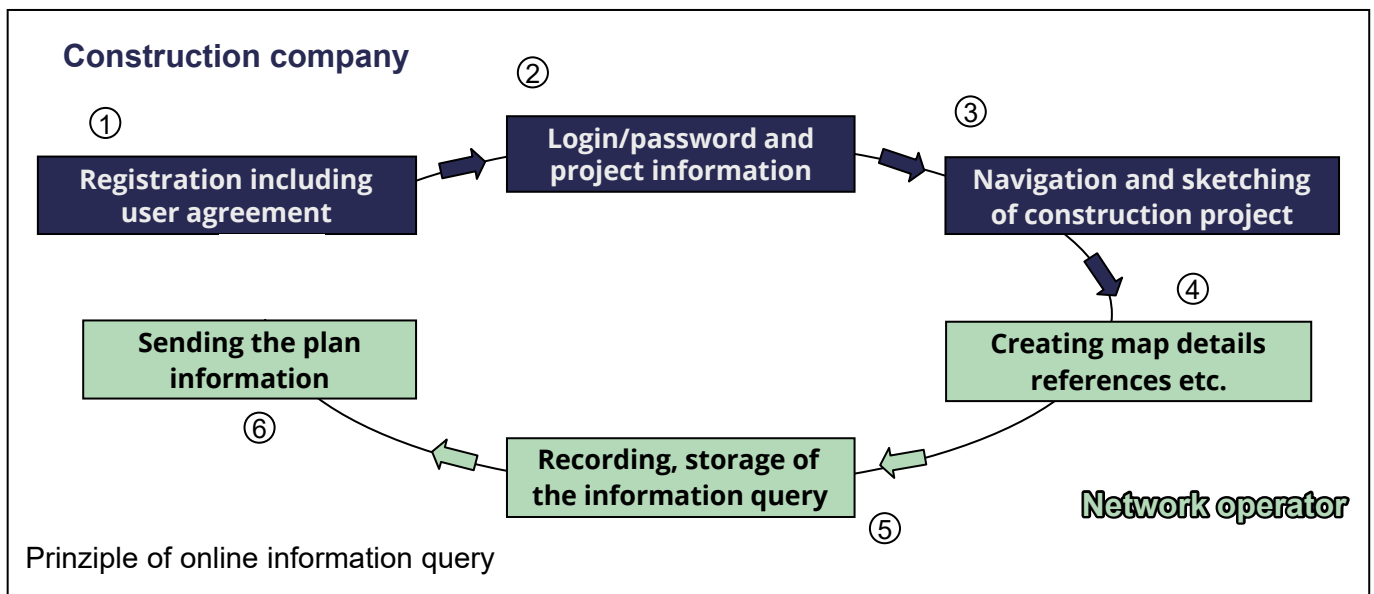
reply is sent. This reduces complex administrative processes drastically!



**GC Planauskunft** contains exemplary the following **base functions**:

1. The registered user logs in on the homepage of the network operator and fills in project-specific information (information area and reason for query e.g.).
2. The system navigates automatically to the location of the plan information – the user can edit a default view or is able to sketch the area for the construction project via redlining function.
3. Now the network operator has all the necessary data to work out a statement. He can evaluate the stock situation, and he knows regulations and procedures.





**An additional plus point:** all the necessary data, plans and notes on the plan information are archived and sent to the applicant or made available for download. This means that the required sections are available with just a few mouse clicks!



## Legal certainty and data security

**GC Planauskunft** works legally watertight in accordance with the guidelines **DVGW GW 118**, **VDE S 118** and **VDE-AR-N 4203**. To protect users, the online plan information is only available to registered users with a password and for a limited period of time. All data is archived and historized in a database and as a PDF file or stored in a document management system.

In addition, all queries are subject to provisions that must be accepted by the user. Network operators protect themselves against possible claims for damages by providing appropriate information.



## Technology

**GC Planauskunft** is based on the **GC OSIRIS** server or on an open-source PostgreSQL database with GeoServer. We have been using this technology successfully for many years, for federal and state government customers and numerous municipalities and public utilities. Only the software installation on a server is required for use. Applicable standards are of course taken into account.

Our solutions are intuitive to use and can be customized by the administrator for employees and customers. In addition, the **GC OSIRIS** technology only needs low demands on system resources, although it fulfills all the technical requirements of online plan information.





## Integration

**GC Planauskunft** can be seamlessly integrated into the existing company IT system. Data can be both displayed and edited by employees of the network operator with the appropriate authorizations. In addition, **GC Planauskunft** can be extended by various

solutions, by integrating web planning information portals e.g. document management systems (DMS) can also be integrated.



## Some advantages:

- Intuitive user interface and individual customization options
- New customer registration incl. user agreement
- High security through password use and time restrictions
- Easy Navigation
- Automatic archiving and historization of all processes and data
- Creation of print order forms with all important data
- Legally watertight online plan information
- Automated information if the grid operator is not affected
- Workflows for statements e.g.
- Consideration of special plan contents, followed by a workflow
- Easy to use and few work
- Maximum up to date of the output data
- Highly cost efficiency
- Own user management
- Long-term customer loyalty through user contracts and expansion of the service offering
- Various automatic statistics, such as number of plan information per year, number by company
- ...