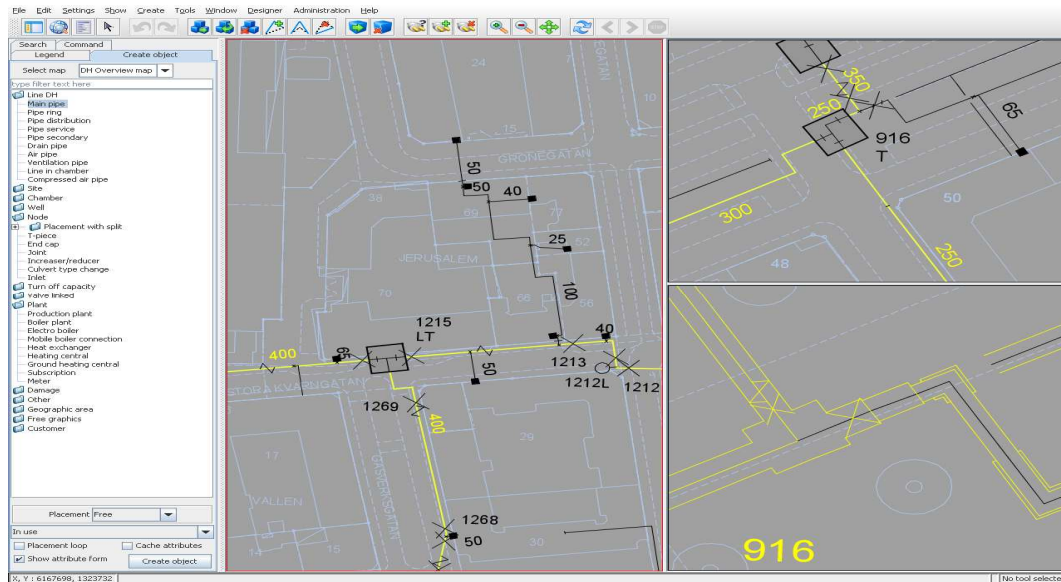


Facilplus Spatial/DH

*Web-based Network Information System
for District Heating and Cooling*



The Right Data in the Right Place

One of the fundamental aspects of Facilplus Spatial/DH is that the information is defined and fed into the system only once. Thereafter, the information is accessible, to desired discretion, throughout the entire organization. This facilitates increased daily productivity while reducing costs incurred from duplicated work. Readily accessible information is essential to solid customer relations. Here, Facilplus Spatial/DH becomes an important tool also for the external communication. The detailed network information contained in Facilplus Spatial/DH also makes it a key source of information for maintenance and investment decisions.

Benefits

An investment in Facilplus Spatial/DH quickly leads to positive financial and organizational results. Among these, are:

- Central database storage, with fewer sources for errors, better integration possibilities and more powerful analytical tools, resulting in more accurate planning and maintenance.
- Support to all parts of the network documentation process from planning and design to final documentation, without costly redrawing or doubling up of documentation.
- Total web-based solution for all user categories distributed in and outside an organization without expensive administration costs for client installations and versions.

- Intuitive and user-friendly interface requiring little or no training.
- Time-saving mobile solutions.

Always the Latest Information

Whether in the office or on the road, fast and easy access to network information is a must. Updating data, information searching or making traces that used to be handled from a proper office setup, can now be done remotely from any PC, stationary or mobile.

User's Roles Determines Access to System's Diverse Functions

Accessibility enables a number of different types of users to simultaneously utilize Facilplus Spatial/DH. The intuitive graphical user interface (GUI) can be easily adapted to suit each and every user's need. Anyone within the organization can be assigned a set of functions that are tailor-made to that person's tasks. This intelligent, simple-to-use solution guarantees an effective use of the system since it ultimately reduces development demands and increases the overall quality of network information.

Mobility

Facilplus Spatial/DH lends itself to effective mobile possibilities. Users who access the system via laptop and GSM-modem have full functionality due to an effective communication protocol. This protocol also enables those on the road to read and update information with just the help of a hand held device such as a Palm Pilot or Pocket PC.

Common Plattform

Facilplus Spatial/DH has the same powerful basic platform and user interface as the other applications in the Facilplus and DP/Spatial family. The platform is completely web-based, with central storage of all data in Oracle Spatial, which enables sharing and integration of data and applications in a totally new way.

Facilplus Spatial/DH in Brief

- Manages network components such as pipes, joints, culverts, valves, chambers, etc.
- Manages topology of piping levels.
- Documents according to FVF's recommendations, i.e. distributed between overviews and geographic maps.
- Manages background maps.
- Maintains object relationships to other objects, e.g., when an object is moved, it is reflected in all other connected components.
- Allows objects to be displayed in a variety of different graphic representations, i.e. a chamber can be represented as a symbol in an overview map and as a polygon in a geographic map.
- Easy to create bill of material.
- Has historic version control.
- Manages thematic maps so that they can be easily displayed based on pipe type, construction year, etc..
- Has powerful search and report functionality.
- Has ability to export to external CAD calculation and simulation programs.
- Has full tracking management and ability to simulate, for example the consequences of closed valves.
- Accessibility to other directories and data directly from the GIS system.
- Additional modules:
 - Planning and project management – Designer
 - Integrated network calculation – Analyzer
 - Outage management – Operator
 - Maintenance - Maintainer

Digpro is a consultancy company, mainly focused on application development in Geographic IT. The company's extensive knowledge of GIT, databases and web applications means that we can offer solutions at the cutting edge of today's technology.