

# DP/Spatial

## Base Platform for Network Documentation, Mapping and GIS

*Multi-Utility Network Information System and Mapping Platform. Web Clients and Oracle Database for Outstanding Flexibility and Security.*



### All Functionality on the Web

Digpro has developed DP/Spatial, a solution that integrates advanced web technology with Oracle Spatial databases for storing, analyzing and presenting geographical data. Based on this, several client applications have been developed for the public and private utilities sectors. One of the uniquely beneficial aspects of the solution is how simple it is to set up thin, user-friendly web clients for specific tasks without the headache of complex, expensive GIS middleware. One more distinct advantage is that the data is stored in open, standardized formats, enabling for smooth integration with other IT-systems.

### DP/Spatial Delivers:

- Uniform data storage in Oracle based on international OGC and ISO standards.
- Full web-enablement to spread the usage of data and applications.
- A cost-effective solution with less maintenance cost.
- A future-proof environment using standard tools, Oracle and Java.
- Integration to major GIS clients and business systems.

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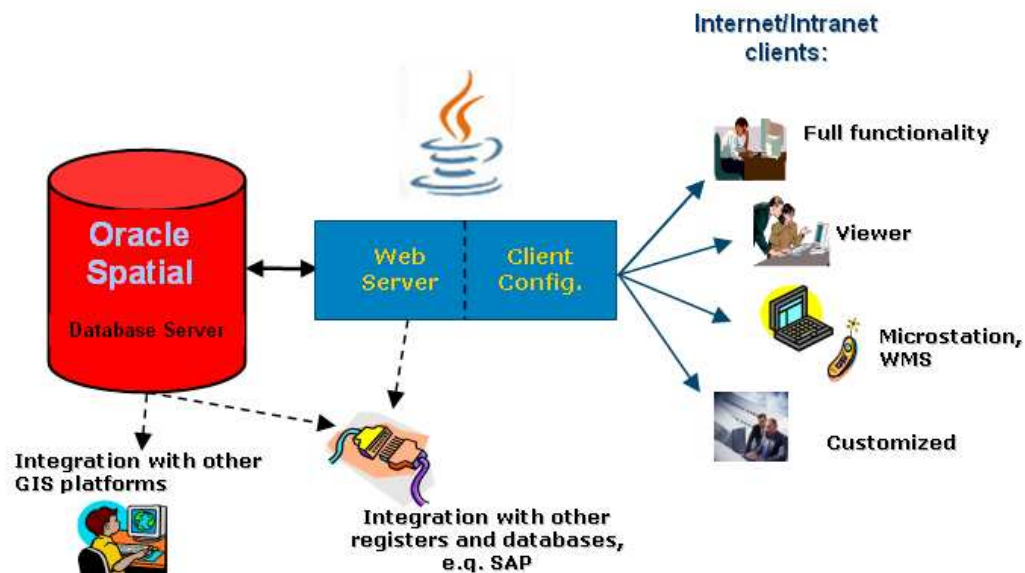
## Designed for System Integration

DP/Spatial is a set of standard components to enable fast and simple development of customized web-based GIS solutions, working directly with data stored in Oracle Spatial. The components facilitate both advanced GIS analysis, and extensive editing of data, stored in the same standardised Oracle spatial format.

All components in DP/Spatial are developed in Java. This gives a productive and modern platform for developing web-based applications where both client and server parts can run on any operating system, such as Windows XP/2000, Vista and Linux.

## User's Roles Determine Access to System's Diverse Functions

Accessibility enables a number of different types of users to simultaneously utilize DP/Spatial. 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.



## DP/Spatial in Brief

- Manages utility networks, mapping and GIS.
- Runs on Oracle Spatial EE database, web server such as Apache/Tomcat and Java 1.6 JRE on the client.
- Object model with advanced handling of topology and relations.
- Full tracing functionality and ability to simulate different states of objects, e.g. open or closed.
- Historic version control.
- Powerful search and report functionality.
- Export to external CAD programs.
- Accessibility to other directories and data.
- Modules for customer management, project design and maintenance.
- Compatible with other external systems such as operation, customer care and billing systems.
- In operation with major power companies, telecom operators and city administrations.

**Digpro AB** 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.