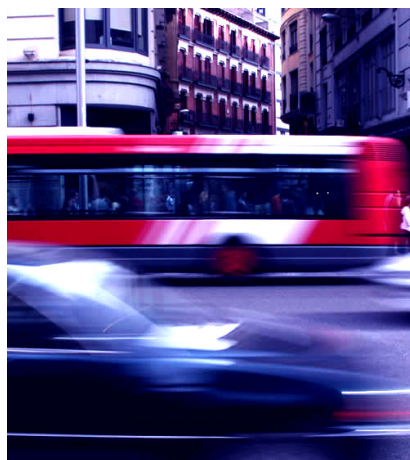


Spatial Workshop for Field Staff

Up-to-date information in the field

In today's competitive environment companies are under constant pressure to improve customer service while reducing costs. For field operations this means that you need up-to-date information at any time at any location; whether you maintain infrastructural assets, whether you do sales, handle emergency situations or just when you want to be more effective while you are travelling.



Spatial Workshop offers you direct access from any place and at any time to:

- *spatial and non-spatial data, documents, drawings and maps stored on your central server,*
- *on your own machine,*
- *or both at the same time.*

You can access all information in just a couple of clicks. Spatial Workshop is easy to use and hardly any training is required.

Spatial Workshop can be used when you are connected as well as disconnected to your telecom network. You can work with the data stored on your server when you are online or use your local data in case you work offline.

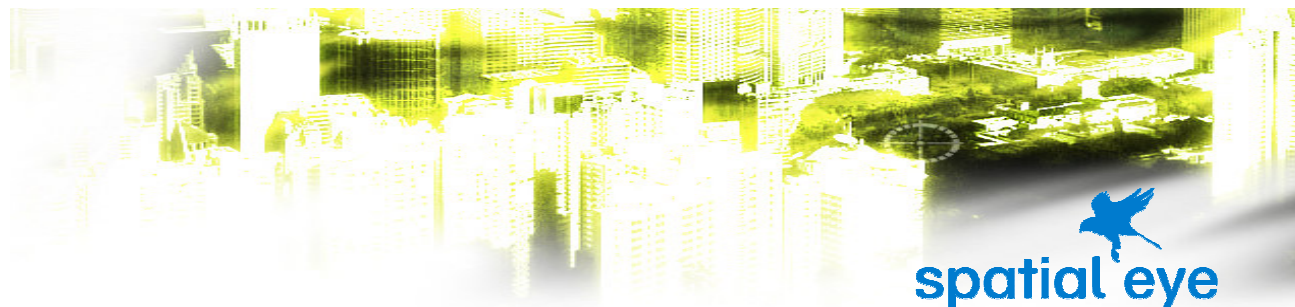
Asset management, emergency, sales, operations, maintenance ...

For asset management and maintenance you need up-to-date information about the status of your assets. This may be in the shape of maps, manuals, operational guidelines, technical drawings, etc. In emergency situations you need to get information from many different sources. Operations staff needs almost real-time information from different sources. Services staff needs technical and commercial data as well as location information from customers and prospects.

And these are exactly the needs that Spatial Workshop allows you to address through:

- Combining information from different data sources, like Oracle, ESRI, Smallworld,
- Distributing the information within the office and in the field,
- By allowing you to use information directly from different data sources, online or offline
- And replicating and synchronizing distributed data from the central server onto distributed devices in the field by using industry standard tools available within i.e. Oracle, Smallworld, ESRI, Microsoft, etc.

This makes Spatial Workshop a major step forward in reducing the costs of distributing data. The fact that Spatial Workshop is easy to install and can be maintained via the Internet helps reducing software and system maintenance costs even further.



Spatial Workshop in the field

Unique features

- Spatial Workshop accesses information in multiple sources directly, without the need for complex import and export procedures. Spatial Workshop uses the information in its native format,
- You can replicate data from a central server to mobile units with the standard functions available in the source systems,
- You can create spatial and non-spatial relations between objects from different sources,
- You can access documents, spreadsheet, maps, schematics, sketches, photo's with one click via smart tags on the map,
- Within Spatial Workshop you can easily integrate data from a central server with data on the local machines,
- Through configurable project files you can supply users or groups of users with dedicated functionality,
- You can authorize functionality and data access based on the standard Microsoft authorization facilities,
- Spatial Workshop allows you to use the same applications in the office and in the field for access to spatial and non-spatial data,
- Spatial Workshop uses the information in its native format. This means that no "data intelligence" is lost by using data in the field system.
- The access to data is direct and near to real-time when online,

A case study within telecoms

@Home, one of the largest Telecom companies, has an IT strategy based on industry standard products, like Oracle, Smallworld and Cramer.

Spatial Workshop is positioned in this strategy as the tool for field staff to access the data in these systems. Smallworld VMDS is synchronized with Oracle Spatial. Data from Oracle is replicated and distributed to the field staff.

- Spatial Workshop supports a hierarchical style system. This means you can easily configure presentation styles using styles from the source systems.

Smallworld users

- Spatial Workshop gives you direct access to the Smallworld Version Managed Data Store (VMDS),
- You have access to the data versions within VMDS,
- Via the Multi Maps mechanism in Spatial Workshop you can access information in multiple worlds,
- During project configuration you can copy styles from Oracle and/or Smallworld
- You can use Smallworld replications to distribute and synchronize your data

Oracle Spatial

- Spatial Workshop supports Oracle and Oracle Spatial in its native format,
- You can use Oracle replication to distribute and synchronize your data.

Operating System Support

- Microsoft Windows 2000 with SP4, XP with SP2, Vista
- Microsoft .NET Framework 2
- Windows MSI Installer 3.0 10.2/1.1

Spatial Workshop, Engineer version

Spatial Workshop is available in different configurations. This brochure describes the Engineer version of Spatial Workshop.

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