

## OMV

Exploration & Production GmbH

### The Solution is based on:

- ArcGIS Server Standard
- ArcIMS
- Web Office
- PlaceLynx
- EMC Documentum



## GIS eDMS Integration

### The Company

With group sales of EUR 25.54 billion in 2008 and 41,282 employees, the OMV Aktiengesellschaft is one of the biggest listed industrial companies in Austria and the leading energy group in the European growth belt. Learn more about our roots and values as well as facts and figures. OMV's Refining & Marketing business is number one in the Danube Basin, a growth market of 13 counties with a total population of over 200 million. With a daily production rate of approximately 316,000 boe. OMV is the biggest natural oil and gas producer in Central Europe. With its goal of increasing daily production organically to 350,000 – 360,000 boe by 2010, OMV continues to further strengthen its international core regions.

### The Requirements

The GIS and the eDMS system were 2 separated IT systems used by OMV E&P. Requests for specific documents of spatial objects were only manageable with the time-consuming use of a huge amount of human resources.

With a connection of these 2 systems the access of specific documents can be done directly from the WebGIS environment. So the necessary documents for specific decision-making processes becomes much faster.

Also specific request on the eDMS using a spatial correlation should be possible. This is why the connection must be bi-directional and the solution must be integrated smoothly in the existing IT systems of GIS and eDMS to keep the workflows in both systems as they are in place.





# GIS eDMS Integration



## The Solution

The existing solutions for the eDMS (Documentum) and WebGIS (WebOffice) are available to OMV E&P employees worldwide. Additionally there exist a Master Repository (EPIS) for all wells of OMV. This system has grown over years and the data from this system are transferred in an automatic process to the central geodatabase. If a new well is entered in the EPIS database the directory structure within the eDMS is defined automatically using database triggers. The documents belonging to this new well will be stored in these directories.

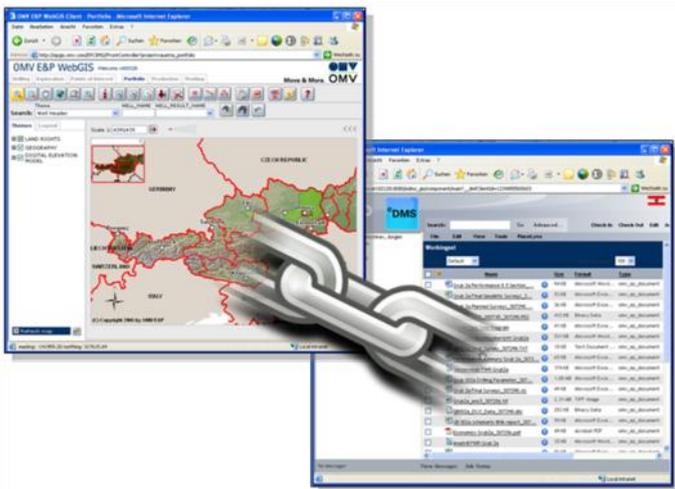
The components of the system are running distributed. The WebGIS and the PlaceLynx modules are hosted in Vienna – the eDMS is running in the local branch offices.

As connector between the GIS and the eDMS technology the PlaceLynx module from GTI is used. This connector allows connecting both systems in an easy way. With this connector workflows like:

“Are there well logs of existing drillings within a distance of 100m around a seismic line available?”

can be managed easily from both user groups (GIS, eDMS) without help from the other group needed.

Another important point was that in both systems (GIS, eDMS) there were no changes (no new workflows, no change in the data structure).



## Facts & figures of the Customer

- about 760 E & P employees in Austria
- Invest and Exploration expenditure 2007 about EUR 270 Mio.
- Daily production rate of Oil and Gas about 350.000 boe
- Covering 10% of the Oil and 13% of the need of Gas in Austria

## Facts & figures of the Solution

- Global access on GIS and eDMS Data from both systems
- Global user rights management
- Integrated Solution—no changes in the existing workflows
- Optimizing and enhancing of the possibilities of both systems
- Multi lingual

### Point of Contact

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