

## ABOUT THE CUSTOMER

Geodata Denmark is a Danish software development and services company specializing in GIS solutions and consultancy services in connection with implementing and using GIS. Geodata develops both WebGIS and Desktop GIS applications. GIS Geodata Denmark Group is owned by 24 Danish municipalities and delivers its services to dozens of municipalities and cable owners.

## PROJECTS

- Bug-fixing, enhancement and maintenance services for 2 proprietary Geodata's applications – ETR and MapView
- Development of Active Directory Web Service to ensure better customer's experience with management of their NetGIS Internet based GIS
- Duration of cooperation: April 2007 – January 2009

### ETR

#### Functionality enhancement, maintenance and bug fixing

ETR is Geodata's proprietary application for registering electrical power boxes and transformer stations. The application enables electrical engineers to print out lists of consumers affected by breakdown in power supply. The system also provides GIS navigation and visualization of electric power boxes/transformer stations components.

It is a Visual Basic 6.0 application using MapObjects (product of ESRI) for including mapping functions in applications in variety of programming environments. Original data is stored in central database (Oracle) and synchronized with the local client MS Access database.

Digital Design's experts fixed bugs, developed new functionalities and provided maintenance services for ETR.

**Technologies used:** VB, WinForms, MapObjects, Oracle, MS Access

### MapView

#### Functionality enhancement, maintenance and bug fixing

MapView is a Windows application that allows to view various map layers and combine them in groups.

Digital Design's experts fixed bugs, developed new functionalities and provided maintenance services for MapView.

**Technologies used:** WinForms, MapObjects, VB, XML

### Development of Active Directory Web Service

Geodata Denmark asked Digital Design to develop an Active Directory .NET web service which would conform an interface for all Geodata Denmark' products, when communicating with Active Directory's interface.

The following interface was agreed by Digital Design and the customer:

- Get groups by user name
- Get users by group name

As a result of web service implementation NetGIS software communicates with AD controller through an AD web service.

**Technologies used:** ASP.NET 2.0

## ABOUT DIGITAL DESIGN

Digital Design is a Russia-based IT consultancy offering a full range of IT services to large and SMB companies from Russia and worldwide. Since its inception in 1992 Digital Design has become one of the largest IT providers in Russia with €16 mln. revenue and a strong team of 350 high level technical experts whose competence is confirmed by numerous certificates and a portfolio of more than 1000 successful projects.

The quality of Digital Design's services is backed by acknowledged industry certificates (ISO 9001, CMMI Level 3, EFQM). Digital Design is a partner of world's leading vendors: Microsoft, IBM, HP, Oracle, Citrix, VMWare, Symantec.

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