



Professional Management
of Geospatial Data Projects

Data Services for Power, Gas,
Water and Wastewater Utilities

Advanced Performance for GIS Data Projects

- Tender Preparation
- Management of Complex Projects
- Handling of Offshore Production Services
- Data Quality Improvement
- Migration and Integration of Data Sources
- Geodata and Application Service Provision

Professional Management of Geospatial Data Projects

GIS data projects impose major challenges for utility companies: Technically complex tenders, complex project management, handling of offshore map production, processing and quality management of large data volumes and the integration or update of different data sources into well-structured, future-oriented and open data models.

Entrust your geospatial data projects into the safe hands of Mettenmeier, your Global partner! We can provide our services to you on-site.

Mettenmeier is one of the leading firms in the geospatial industry today. Our services and solutions are based on the data models and systems of leading system vendors like GE Smallworld, ESRI, Integraph or Oracle.

We offer professional services and tools to guarantee the success of your geospatial data projects. You can rely on our qualified, experienced and highly productive team, whenever you need it. We offer full on-site service.

Tenders with Added Value

Our experienced consultants will accompany you throughout the complete tendering process, including overseas opportunities. As-is analyses and feasibility studies help you to define the scope of the project and to optimise the project goals from technical and economic viewpoints. We support you with the development of requirement criteria, system requirements, tender documentation and preparation of the contract documents and we assist with processing via a tender portal.



Professional Project Management

We combine methodological competence with technical expertise to ensure the success of your project, regardless of the scope or complexity. We develop detailed phase concepts and work packages to ensure the best results in the production phase. We break down the barriers in working with overseas service providers. We use software and productivity tools to improve data throughput and we support you with testing and acceptance of the new data. Our professional project management and our large pool of additional resources in our productive network of partners helps you to accelerate or guarantee your deadlines.



Quality Improvement

The quality of your services and your decisions depends strongly on the quality, structure and completeness of your GIS data. Trained eyes monitor the complete range of GIS data for the entire network region. We use software tools for extremely efficient checking of the correctness of the topological links and the integrity of the data. Faulty objects can be localised and corrected. The result is a virtually error-free database, which is essential for business processes and asset management.



Data Services for Power, Gas, Water and Wastewater Utilities

Consistent Data Maintenance

We help you in implementing a homogenous database, e.g. by integrating multiple utilities or voltage levels into one plan, integrating objects from the detailed map and overview map or migrating GIS data from other systems. You profit from a consistent data basis for the complete network infrastructure at a logical and a physical level. This reduces your expenses for continuing data update and with that also reduces the possibility of errors. We make use of all major GIS systems and standard databases.



Geodata and Application Service Providing

Our geodata service gives you the opportunity of outsourcing specific tasks of network documentation or even complete functional areas or processes to allow you to concentrate on your core activities and reduce the burden on the IT budget. We offer the option of adapting processes to your requirements, from providing employees to complete spin-off of data maintenance.



Network Adjustment

The import of new, improved cadastral or topographical data may require geometrical adjustment of the digital distribution inventory, because changes in the state of the cadastral information referring to the digital distribution inventory has been lost. The distribution inventory must be geometricaly adjusted to restore the integrity and readability of the inventory plans. We offer software tools that will run these geometrical corrections in a controlled fashion. These processes are monitored and supported by technicians with many years of experience in surveying and cartography.



Data Presentation

We provide proven solutions for using your geodata for your mobile applications or for integration into your business processes. Data can be made available over a GIS Internet client or at your site. We can also optionally provide a web-service-based information system based on an ASP solution that outputs up-to-date plans in the WMS format over the Internet.



Why Mettenmeier?

- **Expertise:** With 30 years of experience and more than 130,000 km of digitally captured supply networks, we guarantee your success. As one of Europe's leading GIS specialists, we leverage geospatial technology and data services to improve your business.
- **Technical Know-how:** We are capable of operating all leading GIS platforms and we benefit from our own software development and support department.
- **Global Business Culture:** In recent years we have come to focus more and more on international projects and partners. We look forward to applying the resulting technical and sociocultural expertise to the advantage of your projects.
- **Resources:** We can resource entire projects or single units and we offer a pool of additional resources from our specialist team or from our successful global partner network.
- **Quality:** Our services comply with the standard ISO 9001:2000 and live up to the Made-in-Germany philosophy.



Qualified Consultants, Profound GIS Know-how, Extensive Project Management Experience

Professional Services for Geospatial Data Projects

METTENMEIER GEOSPATIAL SERVICES AND SOLUTIONS

Consulting Services

- **Tenders**
Our experienced consultants support you with the preparation of system requirements and other tender documentation and they work with you throughout the complete tender process.
- **Project Management**
We ensure that the entire project is successful. We communicate with you clearly and transparently in every phase of the project. You require only little in-house technical knowledge.
- **Processes**
By simultaneously preparing data, producing map data, updating and putting map data into operation, you will be able to achieve productive results very quickly.
- **Overseas Partners**
We break down the barriers in working with overseas service providers. You receive access to a large pool of additional resources in our productive network of partners.
- **Know-how Transfer**
We coach you and ensure transfer of know-how, since during the course of the projects the technical expertise of your employees will improve.

Data Services

- **Quality Improvement**
We analyse your data inventory with comprehensive visual inspections and software inspections of the topological links and the integrity of the data. Faulty objects can be localised and corrected automatically.
- **Integration of Data Sources**
We establish a consistent and topologically clean GIS database for the infrastructure of the complete supply network at the logical and the physical level.
- **Network Adjustment**
Mettenmeier applies automated processes and matches the distribution inventory to the geometrically updated base map.
- **Geodata Services Provision**
Mettenmeier offers different service levels. We can provide complete operation of the GIS system with data and software as a service. Data conversion, update, maintenance and backup by Mettenmeier ensures that your data are always up to date. You can access data and functions over the Internet and concentrate on your core business (ASP - Application Service Provision).

Geospatial Technology

- **GIS Development**
Mettenmeier has been developing GIS data models for power, gas, water and wastewater networks for more than 20 years. We make use of proven GIS systems. We also use open geospatial technology such as Oracle Spatial.
- **Productivity Tools**
We use software procedures and productivity tools for acceleration of data capture and for quality assurance. The estimated savings are 30% to 50%.
- **Interfaces and Integration**
We assist you to integrate GIS data into the IT infrastructure and we offer standard interfaces to SAP, network control systems and network calculation programs.
- **Asset Management**
We offer a wide range of solutions to support you in the productive use of your GIS data in your business processes and in strategic network management:
 - Decision Support Tools
 - Operation Management Systems
 - Mobile Solutions