SPACE-ORIENTED DATA

Publicly appointed surveyor

- Acquisition
- Administration
- Transformation
- Updating
- Processing
- Provision

GEOGRAPHIC INFORMATION SYSTEMS

PUBLICLY APPOINTED SURVEYORS

Consulting

Site survey

- Site plan
- Determination of boundaries
- Subdivision/segmentation survey
- Building encumbrance
- Building survey

Engineering survey

- Setting out
- Route planning
- Plans showing the current state of a property
- Cadastre of supply network
- Measuring up of residential and industrial areas

Valuation

- Valuation reports on the market value
- Urban renewal
- Taxes and balance sheets
- Lending and financing

Land regulation

- Land allocation
- Land consolidation
- Town and country planning
- Specific town planning regulations

Geoinformation

- Data acquisition
- Administration and analysis
- Data provision

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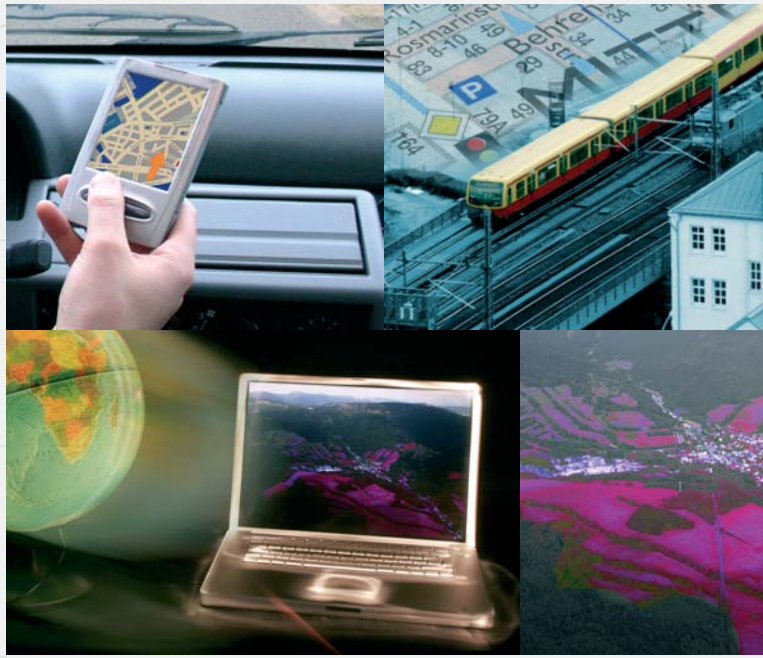
BDVI

German Association of Publicly Appointed Surveyors

MODERN GEOSPATIAL DATA MANAGEMENT

Publicly appointed surveyors in the geoinformation sector



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BRANCHES OF TRADE

APPLICATIONS

SOLUTIONS

YOUR KNOWLEDGE

Approximately 80 % of all decisions taken in the economic, administration and research sector are related to space. For this reason the provision of geospatial data, especially of digital data, is essential.

Many sectors and fields are not imaginable without geoinformation and the processing in geographic information systems (GIS).

They are used in sectors such as the following:

- Public authorities, municipal institutions, and owner-operated municipal enterprises
- Real estate management
- Town, region, and country planning
- Public utilities, waste management companies, and telecommunications
- Financial and insurance sector
- Internal security, civil protection, and national defence
- Traffic control and telematics
- Environment protection and nature conservation
- Agriculture and forestry
- Tourism

Geographic information systems are designed for the optimisation of working processes, for developing new business areas and for preparing investment decisions.

YOUR REQUEST

- You need a plan showing the current state of your property including a survey of the corresponding assets.
- Damage of traffic areas or buildings is to be measured for maintenance planning.
- You request a three-dimensional town model for town planning or for estimating ambient noise.
- For your marketing you need information about traffic and pedestrian flows, parking spaces and about the reachability by public transport.
- You are planning optimal locations for base stations to reach a maximum of mobile phone users at limited expense.
- You need to know the exact location of emergency access roads, hydrants, and gas supply lines as well as the number of persons to be evacuated.
- You require information about areas which are in danger of flooding and about appropriate sites for control measures.
- Green space and habitat registers and tree cadastre are to be used in the context of issues of environment protection and nature conservation.
- You wish to inform about hiking trails and cycle tracks, their level of difficulty, interesting destinations and halting places.

WE OFFER

- Professional consulting regarding the selection and acquisition of geospatial reference data as a basis for geographic information systems
- Transformation of geospatial data from different graticules and formats to the required reference system and adjustment of the data to concrete requirements and scales
- Acquisition of other space-oriented data and factual information
- Consolidation of complete data in a GIS
- Modelling and updating of data
- Comprehensive analyses of geospatial data by means of geospatial operators and mathematic functions
- Visualisation of processed data and of the results of your request in a three-dimensional model, thematic map, diagram, table or as a presentation in a web-based geospatial portal
- Conceptions for customised geographic information systems including cost and operation planning
- Strategies for guaranteeing data compatibility and for using modern geospatial data infrastructures
- Further training opportunities in the field of geospatial data and geographic information systems