

Your WebGIS for Government use



Customer requirements

In public services (from municipality via city/county/state to federal) different specialized departments work with their own spatial data (environment, public transport, planning) plus general base data (parcels, infrastructure, orthos). A legal framework has to be fulfilled (e.g. privacy, data-security) and anything done or decided has to be properly documented. Management of a centralized data pool covering many topics and requirements, provide access to authorized users and present results, more and more often as public services – that sums up what this „market“ is about.

Using WebOffice you will screen and edit your data in a browser based GUI that is easy to use. At your fingertips a customizable suite of productivity tools will assist you in any task: Capture data in a central data repository, publish services or offer results as maps, plots, elaborate reports. It is only a few steps to define a project including a role-based user model, process-oriented tasks, a tight security-framework and individually configurable clients for your use in the office, on public websites or on a workers mobile device.

Features and Workflows



Create and maintain governmental plans

- Centrally manage city maps/plans, orthos, ...
- Create, edit, maintain, store special plans in a central repository (e.g. zoning, land register, traffic, water/wastewater, tree cadastre, ...)
- Make use of other public sources (e.g. WM(T)S, WFS, OSM®, BING)



Offer GIS-base-services and maps Integrate content from other users

- Use a map-based interface to view, query and analyze any data
- Search through all attributes of all layers with the configurable full-text-search
- Track areas of responsibility for authorities or relief units
- Localize and visualize critical infrastructure and resources, provide neighborhood functions
- Location queries and neighborhood analysis, e.g. for business and real estate



Provide Information portals to the public

- True multi-lingual plans/maps/POI's
- Special plans (allowing comments, it required)
- Integrate real-time data (e.g. available parking space, webcams, sensor data, ...)
- Create plans for special events (with vendors/exhibitors, booths, opening hours,...)



Implement user management to jointly maintain geodata

- Inter-departmental collaboration with a central data repository and active user management
- Implement an approval-process for Q/A and to confirm changes
- Offer planning scenarios for public discussions



Analyze spatial information

- Rate the implications of activities/incidents by trace or buffering
- Find all objects that meet certain criteria within a given perimeter
- Create statistics for demographic data after a spatial selection
- Visualize election results



Field work mobile solution

- View selected elements and properties (e.g. parcels, landuse, trouble-ticket)
- Data entry of attributes and editing of geometry via mobile touchscreen device
- Extended routing support
- Upload georeferenced photos for documentation and retrieve them via map display



Use extended print/plot features

- Plot series: Select an extent that will result in a series of pages with the same scale
- Index plot: Maintain scale for linear features across multiple pages



Create first-class reports

- Document completed tasks with predefined reports at the push of a button
- Adjust objekt-labels according to the current need by using multiline free labelling



Integrate third party systems

- Use existing APIs to link to other software packages (e.g. BI, external databases, technical software)