

Carmenta Server

The easy way to provide server-based GIS solutions

Carmenta Server makes it easy to build sophisticated mapping applications for the web and mobile devices. Combine any type of background maps with dynamic data such as facility locations, vehicle positions or traffic information. To ensure maximum interoperability, Carmenta Server is a fully compliant OGC WMS server.

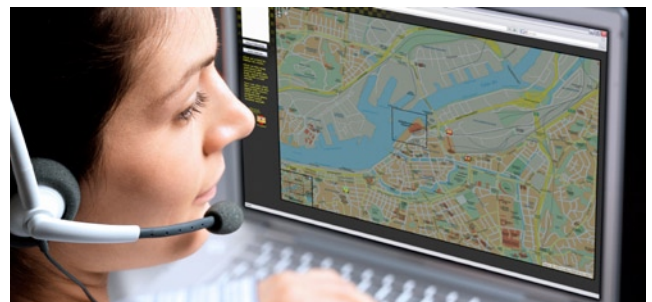
Carmenta Server is based on Carmenta Engine, Carmenta's well-established geospatial platform which has been used in demanding operational GIS applications for a number of years.

The flexibility of Carmenta Server enables it to be used for a variety of different purposes:

- Create highly interactive web-based maps and integrate them into your web site.
- Build feature-rich web-based geospatial applications such as fleet management systems.
- Provide maps and geospatial calculations in SOA (Service Oriented Architecture) based systems.
- Provide maps for mobile devices using platforms such as Java 2, Micro Edition (J2ME), and the Microsoft .NET Compact Framework.
- Provide maps for your existing GIS systems via the OGC WMS interface.

Benefits

- Makes it easy to provide customized look and feel on maps, overlays and user interfaces.
- Designed for very high transaction volumes. Provides extremely fast map generation and integrated caching out-of-the-box.
- Supports over 70 different geographical data formats and geospatial databases natively, and can easily be extended to access custom data sources.
- Provides a complete set of geospatial functionalities in one integrated package, including optional modules for routing and geocoding.
- Includes a configurable AJAX-based web client which is designed to be embedded into your own web pages.
- Automatically provides both Web Service and OGC WMS interfaces for all maps.



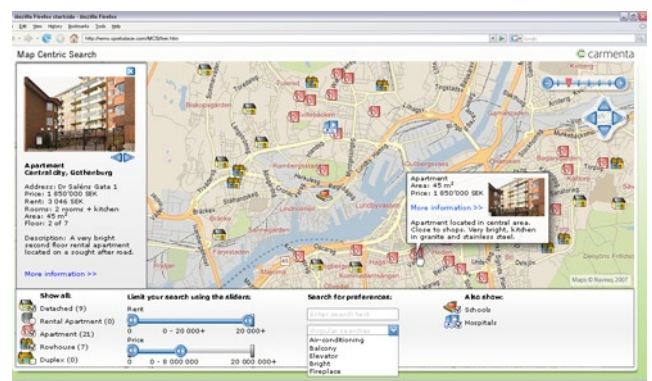
Example: Taxi fleet management system



Easy to provide maps to mobile devices.



Customize the appearance as needed and integrate the map in your existing site.



Example: Real estate map search with refinement parameters for instant information retrieval.

For further information, refer to the document Carmenta Server Product Description, or contact Carmenta.

Test the Carmenta Server live demo at www.carmenta.com