



Carmenta Server

Web map server designed for efficient distribution of geospatial data.

Carmenta Server empowers you to visualize and distribute geospatial data from a centralized server. Built for service-oriented architectures (SOAs), it is a reliable, performant, and interoperable backend for map applications.

With certified support for several OGC standards, Carmenta Server reads, processes, and renders geospatial data to make it available to a multitude of compatible clients as open and standardized interactive web services.

Interoperability

Delivers openness by conforming to open standards for both data sources and service protocols. This provides interoperability, allowing systems to work together.

Supports 100+ Data Formats

Whether you have data stored as raster or vector files, in spatial databases or hosted as OGC web services, we've got you covered.

Geospatial Analysis

Built-in support for analyses such as line of sight, vertical clearance, and terrain routing. And support for plugging in your custom analyses.

Limitless Flexibility

Host your map services onboard your local system or scale up to run on a server cluster, on-premise or in the cloud, it's up to you.





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Perfect fit for your needs

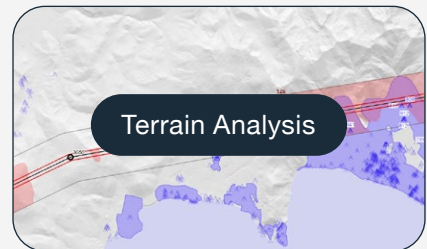
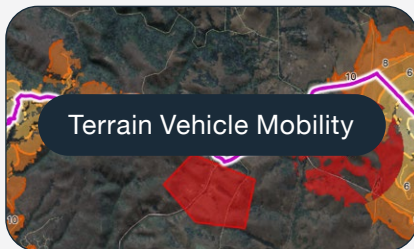
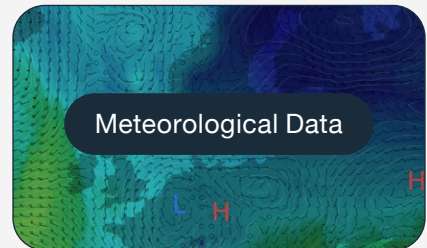
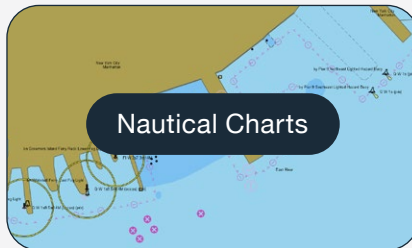
Carmenta Server is the ideal tool for building highly scalable web-based map applications as well as supporting your desktop map applications, whether these are third-party or based on Carmenta Engine.

System integrators and software developers can benefit from Carmenta Server's adaptability and small footprint, as it can be easily integrated into any new or existing system architecture. Not to mention its hassle-free setup, user-friendly administration, and flexible licensing system. With Carmenta Server's Software Development Kit (SDK), customers can develop, test and integrate online map services in a cost-effective manner.

KEY FEATURES

- / Versatile deployment.
- / Comprehensive data source compatibility.
- / OGC compliance (WMTS, WMS, WFS, WCS).
- / Spatial analysis functions.
- / Tactical symbology.
- / High-performance with efficient hardware utilization.

Selected features



ABOUT CARMENTA

Carmenta provides software tools to empower visualization and analysis of dynamic geospatial information in mission-critical applications. Our powerful technology is deployed across the world, by system providers in defense, unmanned systems, maritime, and public safety sectors.