VC Map

3D City Models on the Web

Visualize and analyze geodata with our web-based application to create platform-agnostic and multifunctional simulations.

Functions and special features at a glance

Draw
Draw points, lines, polygons, circles and texts in 2D and 3D with one simple tool.

Virtual flyover
Present city models to customers, citizens and interested parties from the ideal perspective.

Search function
Entering addresses, street names or places leads directly to the destination.

Visibility analysis
Determine which objects are visible or obscured from a given perspective.

Transparent terrain mode
Render parts of the terrain transparent to reveal underground objects such as lines and pipes.

Shade analysis
Determine the amount of shade on 3D objects at any time of day in the respective terrain model.

Scan and learn more.

virtual city systems
digital views. real perspectives.

Geodata in all dimensions on the web

VC Map visualizes geospatial data in a combination of 2D, 3D and oblique aerial imagery for analysis and simulation. The web-based application provides an easily accessible geoportal for various disciplines to share and work on data together.

VC Map is platform-agnostic, meaning that it can be accessed virtually from any online device with a web browser. This enables users to examine maps not only at their workstations, but also on site on their mobile devices.

Further basic functions and extensions

VC Map users have a wide range of basic functions at their disposal for carrying out analyses and determining measurements. This limits time-consuming site inspections, measurement campaigns and costs.

Our extended functions are ideal for geodesists, architects, urban planners and other professional users who pursue a vision with their 3D city model and want to share the added value of their VC Map with others. All functionalities were developed by us on the basis of the VC Map API. Get creative and use the programming interface to further develop your own application.

Split-screen
Directly compare datasets with the swipe tool (mesh, 3D building, raster data).

Measure
Determination of heights, surface areas and distances in 2D, 3D and oblique aerial images.

Share views with others
Create PDF in browser or share scene with other users via web link.

Planning tool
When connected with VC Planner, architectural models in various formats can be integrated into the 3D city model or drawn directly.

Data exchange platform
Direct download of numerous file formats makes VC Map a viable data exchange platform – for internal deliveries and public provision.

Digital building measurement
Generate complete building dimensions directly from a city model – such as a municipal service for tradespeople and home improvement enthusiasts.

Another exciting product that might interest you:

VC Publisher

Thanks to powerful converters, you can efficiently prepare terrain models, digital orthophotos, oblique aerial images, point clouds and CityGML data for high-performance visualization with VC Publisher. You can then publish your VC Map on the web as required with just one click.

Do you have questions about this product or our company? We will be happy to advise you.

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