

INTERACTIVE VISUALISATION AND OSM Pro TileServer

BUSINESS PROFILE



Company Name:

AKB Logistics Software

Headquarters:

HQ Ridderkerk, The Netherlands

Industry:

Computer Software

Business Environment:

- Company type: Privately Held
- Employees: 11-20

Customer information:

AKB Logistics Software develops, implements and supports a complete software suite for transport-, distribution- and service planning, optimization (TRACC Planning) and related consultancy services. TRACC Planning fully supports real-time based planning, offering standard integrations with BC/PDA/communication providers. TRACC Planning is used in more than 10 European countries.

BUSINESS CHALLENGE

AKB Logistics Software specialises in solutions and consultancy services for journey planning and optimisation, focusing mainly on the Benelux countries. Its TRACC Planning Software Suite schedules trips for fleets of vehicles based on the fastest routes, taking in account a range of factors such as traffic jams, delivery time windows and environmental zones.

Historically, these layers of information were added internally to the map. However, the company needed to meet and exceed customer expectations with more advanced visualisation and a more contemporary look and feel. They were looking for a new solution provider. One of their key requirements was complete integration with AKB's own applications.

SOLUTION

Having considered several potential providers, AKB opted for the AND OSM Pro TileServer, which creates maps for visualisation from the generated tiles. AKB also undertook a successful six month trial.

Implementation was straightforward with good technical support ensuring the potential for interaction was fully leveraged. For example, if changes were unexpectedly made mid-route, the TRACC software would interact with the geomap accordingly. An important feature for AKB customers was the ability to visualise every stop point along the route on the map. With the AND OSM Pro TileServer, drivers can also drag and drop new routes.

Overall, AKB felt the service offered by AND delivered on all counts.

RESULT: A LOGISTIC SUCCESS

AND OSM Pro TileServer provides tiles generated from the AND or OSM map databases on API request. Tile projection is EPSG:3857. Including satellite tile images for the Netherlands and Flanders, the service offers on demand tile rendering and custom styling. When a super-fast response is needed, smart tiling with all populated areas pre-rendered can be supplied. They can be used in a Slippy map web application and there is no limitation on the number of tiles per month. After just few months, AND's Tile Services has already delivered over 750K Tiles to AKB's customers.

BENEFITS

- Advanced visualisation
- Complex integration
- Drag & drop route changes
- Good technical support

“The AND OSM Pro TileServer delivers exactly what we demand and expect - an excellent standard of visualisation combined with the right level of interaction.”

Robert Blok, Managing Director, AKB Logistics Software