

Modernized functionality with improved performance



“The integrated PTV xServers enabled us to increase the quality of our software. Each demonstration given to customers has seen a positive reaction.”

Jon Hannah, product manager at Isotrak Ltd.

THE TASK

The customer demand for mapping improvements had been growing for some time. As we at Isotrak always strive to iteratively improve our software based on customer feedback, we decided to modernize software functionality and improve performance,” explains Jon Hannah, product manager at Isotrak. The British company is a market leader in the field of telematics and transportation software.

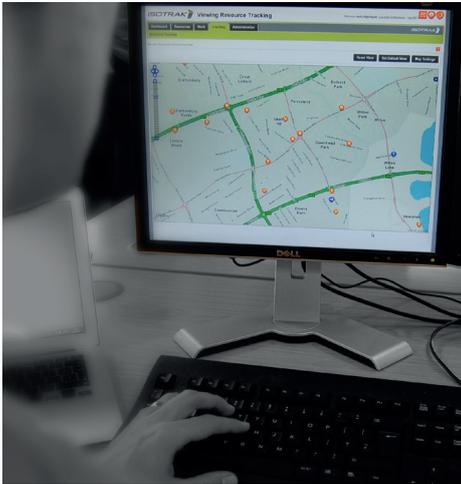
Jon Hannah is responsible for assembling products that meet the customers’ goals and expectations for their business. “To this end we provide software innovations that drive Isotrak’s offerings forward,” says Hannah. Mapping performance was

one of the features that Isotrak wanted to improve: “The performance was too slow when customers wanted to view the current position of their vehicles or analyse routes generated earlier in the day.” In addition, customers had seen the advent of Google and Bing mapping.

“Therefore, our customers felt features like aerial mapping would be useful. They also wanted to introduce polygon geofences as an improvement on circular ones, enabling them to better define the areas within which they search for addresses.” A research project was undertaken by the Development Team to find out how to integrate aerial mapping and polygons into the software via OpenLayers.

THE SOLUTION

Isotrak chose PTV xServers to optimise its software solution. PTV xServers are powerful modules which enable users to easily integrate geographical and logistical functions into their client-server architecture. Detailed NAVTEQ data ensures precise geocoding and map display as well as accurate routing & tracking. “The components contain many functions which we can use for our software. And we truly appreciate the partnership approach taken by the PTV team which will serve us well on projects going forward,” says Hannah.



Isotrak Ltd. was formed in 1999 to provide technical solutions for the logistics industry. This includes in-cab hardware and software for drivers, helping them to communicate with their transport teams and perform their work better. The software is used in transport departments to optimise processes and to measure key performance indicators against targets, saving money on key areas such as delivery time and fuel.

THE RESULT

Thanks to the PTV xServers Isotrak was able to not only solve the initial problems, including mapping, the provision of aerial mapping, enhanced geographic search and the integration of OpenLayers for map overlays, but also provide the new Route Sequence Planning functionality. It includes valuable information on vehicle profiles, dynamic vehicle rerouting, HGV-specific restrictions and Traffic Patterns.

Users of the software, both internal and external, got to grips with the software extremely quickly. "PTV xServers have significantly enhanced the functionality of our products which is of course also to the benefit of our customers," outlines Hannah. "This toolbox will help us to provide exciting software innovations - now and in the future. We are very pleased with the added functionality which has already helped us win new business," he concludes.