

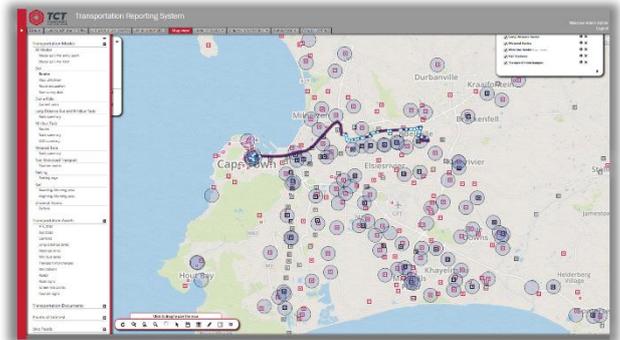
TRANSPORTATION REPORTING SYSTEM (TRS)

City of Cape Town

As part of a team awarded a public transport data collection tender from the City of Cape Town, Aspire Solutions has developed and implemented a full web-based transportation reporting system to house and report on this data.

Within less than a year of development, the Transportation Reporting System (TRS) has given city officials the ability to improve the management of their data and the ability to respond more quickly and efficiently to enquiries.

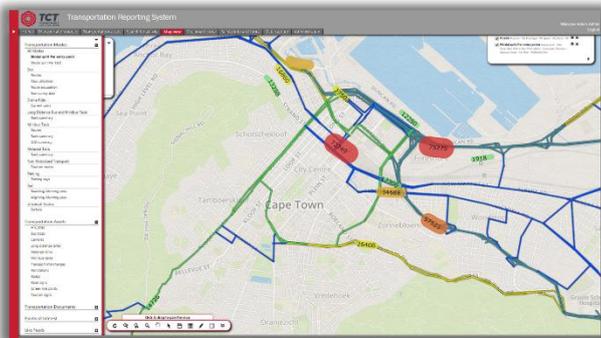
TRS enables survey data and reports to be made available within a week of field surveys being completed, with the data being protected and controlled in a transparent and auditable manner.



In addition, the project introduced new data collection methodologies to the City of Cape Town. One such survey was the on-board bus surveys where direct data transfer from electronic GPS recording devices, into TRS with resulting instant reporting was implemented.

The challenges that needed to be overcome to ensure a successful outcome can be summarized as follows:

- No lead time for system development as the surveys started immediately.
- System development had to be done in a phased manner to implement capture forms required for surveys one by one.
- As the system was live from early on, all new modules, functionality and changes had to be implemented in a fashion that did not undermine existing live functionality.
- User requirements, system design, system development, testing and implementation happened in parallel.



In order to overcome these challenges, it was vital that the entire team collaborate closely and communicate often, with frequent feedback loops. Together with VelaVKE, the lead consultant on the project, an excellent working relationship was established with the City of Cape Town, which ultimately led to the design and implementation of the TRS, as a foundation for transport reporting within the city.

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