

Locating and Tracking the Results

City of West Torrens made sure they got what they paid for!

City of West Torrens (CWT) a council in South Australia knows that results speak for themselves when it comes to fleet monitoring. Covering an area of 38km² with a population of 56,000 and a fleet of 16 street sweeping machines it was essential for CWT to have a fully operational and reliable tracking system to manage their sweeper fleet from anywhere at any time.

CWT was having major problems with its existing system. Because of unreliable feedback and systems failures, it was almost impossible to effectively monitor fuel efficiency, mileage, operational locations and regularity of cleaning. CWT was paying their drivers for the distances they actually covered, as they needed to find a way to accurately track, monitor and report on all journey lengths.

CWT's original 1996 sweeper tracking system used GPS data recorded on PCMCIA cards, which was then transferred manually to a standalone windows machine. Faced with hardware failures, a lack of replacement parts, and software that was no longer supported, CWT turned to MDS to develop an alternative tracking solution.

Through collaboration with MDS, the location-based web service MDS FleetTrack and the CWT GIS system their challenges were resolved. CWT was able to automatically track and report on their sweeper activities within the CWT GIS environment. The system helped them improve sweeper efficiencies; enhance reporting enabling insight and visibility of sweeper activities real-time or through historic accounts.

The benefits with the new system empower the council to measure the improvements in efficiencies as a consequence of a reduction in fuel consumption, increases in contractor productivity but also their carbon emissions.

To find out how MDS can help your organisation leverage the power of location based services contact info@mapdataservices.com

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About MapData Services

MapData Services Pty Ltd (MDS) have been developing geospatial databases and hosting online map-based applications since 1998. MDS has built an enviable reputation as a specialist in developing and using geographic information systems (GIS) and related data to solve real-world business problems. MDS designs and builds geo-applications and can host GIS applications on your behalf. Our data and services are employed by some of Australia's largest blue chip companies and in multiple Government departments. Clients include Medicare, Australia Post, Woolworths, News Limited amongst many others. MDS data powers popular internet mapping systems such as Google Maps, Google Earth and Microsoft Bing Maps.

With offices in Australia and New Zealand, our three divisions work seamlessly together to provide customised, quality solutions for your business mapping needs, whether they be hosted online applications, digital mapping products, or consulting services.