

Otto Travel Study Solution



Ottoview Vehicle Data Logger

- GPS & location-based map data
- OBD-II, accelerometer
- Touch screen for survey response
- Portable - no professional installation required
- Optional HSPA cellular radio with real-time data upload to Ottotracker



Ottomobile Smartphone Data Logger

- GPS & location-based map data
- Option for real-time data upload to Ottotracker
- On-screen survey response



Ottomate Personal Data Logger

(Launch planned in 2015)

- GPS & location-based map data
- Bluetooth & WiFi
- Configurable triggers for automating survey responses



Ottodata Data Repository

- Central repository that aggregates logger data
- Processes for data consistency
- Data cleansing-normalization for privacy
- Third party information upload
- Security and data encryption



Ottotracker Data Repository

- Tracking and real-time reporting
- Geofencing and event triggers
- Security and data encryption



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*Otto Travel Study Solution (OTSS)
is an innovation from PERSENTECH.*

PERSENTECH has been actively developing GPS devices with Location-Based Services since 2004 and delivering vehicle-based and smartphone data logging solutions since 2007.

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Better Decisions
Better Data

Otto Travel Study Solution



Transportation Planning and Modeling

The purpose of the **Otto Travel Study Solution (OTSS)** is to enable better decision making in transportation planning using better data from multi-modal data sources.

OTSS is a modular solution that includes autonomous data loggers and an integrated data collection, storage and analysis platform. The data includes GPS, OBD, supplemental survey and contextual / environmental information.

OTSS provides an enriched data set that enhances the transportation planning and modeling process.



Travel Survey Automation

Otto Travel Study Solution (OTSS) allows consultants and practitioners to automate the travel survey data collection and analysis process.

OTSS includes a family of Otto-branded logging devices, smartphone applications and a centralized data repository. The **OTSS** automated solution complements or replaces many of the traditional labour-based methods used in travel surveys.

In addition to increased productivity, the use of **OTSS** delivers many benefits including: enriched data quality; reduction of participant burden; multi-day data collection; the ability to study more in-depth aspects of travel behavior and transportation alternatives; and the optimization of sample size and survey costs.



Transportation Research Studies

Otto Travel Study Solution (OTSS) provides the capability to do better research with better outcomes using more reliable and accurate data collection and data management methods.

OTSS has an excellent reputation as a transportation research study solution and has been used in a variety of transportation studies involving autonomous data collection, driving behaviour data logging and real-time driver interactive research.

OTSS data logging devices and data repositories can be tailored to specific study requirements. Additional sensors and instrumentation can also be integrated with the existing solution.