



OD MIDDLE EAST

Introduction

OD Middle East is a new company that has been set up specially to meet the traffic data requirements of traffic engineers and transportation planners in the Middle East Region.

Our field data collection services are performed by qualified and experienced professionals who have technical background and multi-lingual capabilities. We adopt quality procedures for all field data collection and for data analysis (Identifying Peak Hour Traffic) as well. We own various types of traffic data collection equipment's to ensure reliability and accuracy of the data. We adopt and comply with appropriate traffic control guidelines and workplace safety practices to ensure the safety of employees and road users during field data collection.

About Us

OD Middle East offers incomparable experience in all aspects of data collection for Transportation Planning and Traffic Engineering. As part of major studies our staffs have undertaken extensive programs of roadside Interview surveys plus manual and automatic traffic counts depending on the project scope and requirements.

We have also undertaken intensive programs of vehicle registration surveys (including ANPR), journey time surveys, video surveys and numerous parking surveys. Whilst we recognize that it is important to work to an agreed schedule, it is equally important to be flexible such that any last minute changes in circumstances may be accommodated. OD Middle East has an inherent 'survey culture' within its organization, and has vast experience in the planning and undertaking of multi-task surveys often with changing priorities.

Our Services

OD Middle East possesses a depth of technical resources to address any scale of data collection project with particular experience and owns a wide range of traffic data collection equipment such as Automatic Traffic Recorders (ATR's) with software to extract the data, ATR Cameras with image processing output solution, speed radars, & software applications to guarantee reliable and accurate data collection.



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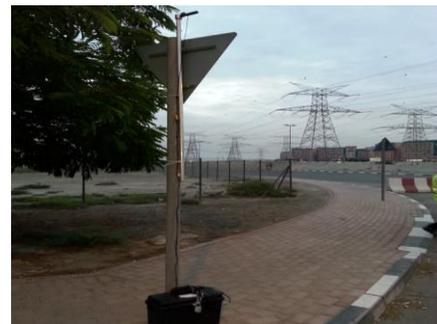
Video Surveys and Analysis

OD Middle East undertakes video surveys for different type of intersections including major interchanges for various duration as per the project requirements. Our Video camera units are designed to cater to different requirements including long duration surveys.

Wide angle Digital Cameras which can work in day and night are used for recording traffic Counts. Cameras are mounted on suitable positions to cover the required traffic movements. Recorded images will be submitted along with data files so that verification of data accuracy is possible. Video surveys can be used for Turning Movement counts and Classification counts for 7 days etc.

OD Middle East conducts Video surveys with image processing methods for link counts to have an accuracy rate of 99%.

OD Middle East video systems comprise of cameras mounted onto telescopic masts which are erected next to suitable items of street furniture. The equipment is secured using heavy duty straps with padlocks and chains to offer lateral support and to minimize the risk of malicious damage and theft.





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Automatic Traffic Counts (Vaisala NC 200)

Based on the specific requirement of the client's; OD Middle East automatic traffic counting services are carried out using NC-200 portable traffic analyzer designed to provide accurate count, speed, and vehicle classification data. The device is placed directly in the traffic lane to record data and can be installed and removed quickly and easily. Whether you are surveying traffic on a local roadway, bridge, parking garage, construction area or in and out of local points of interest. The NC-200 provides key data necessary for effective traffic analysis.



Manual Intersection (TMC) using Traffic Ultra Hand held Traffic Data Collectors

Hand held Traffic Data Collectors are known around the world as the easiest way to collect intersection data for quick analysis. The hand-held data collectors do the tedious work, and data can be easily downloaded to a computer. These devices provide accurate and reliable results.



Parking Studies

OD Middle East undertakes Parking Supply and Demand for Multi-storey car parking, On street parking etc. as per the requirement of the clients.



Pedestrian/Cyclist Surveys

Pedestrians/Cyclists crossing specific locations like intersections by direction and time of day can be collected by OD Middle East. Data is collected for required duration for the specified interval. Data files are submitted with the help of relevant drawings.



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Speed Surveys

Spot speed surveys are undertaken by using Hand held radar speed guns. Surveys are conducted by trained operators for different duration as per requirement of the clients.



Journey Time Surveys

OD Middle East conducts Journey Time Surveys using GPS instruments or Floating car methods to record time at specific points along a corridor multiple times during peak hours to give an average journey time for designated routes.

Queue Length Surveys

Back of Queue measurements are done at approaches to intersections or other locations. Queue lengths are measured at regular intervals during peak hours. Video surveys or manual counts are adopted as per the requirement of the client to undertake the surveys.



Origin Destination Surveys

OD Middle East staff's has an experience of conducting Road Side Interviews for Origin Destination surveys. OD Middle East staffs have an experience of working under rigorous traffic conditions and have developed procedures to ensure that required samples are obtained in a safe and efficient manner. Vehicles are safely guided to the survey area as per Traffic Management layout plans devised in line with relevant local authority standards. All road side interviews are organized in accordance with best practices in consultation with the clients.

