

Traffic modelling

Project Team:
Traffic Technology

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The growing complexity of traffic schemes often require the development and testing of strategic network controls that are essential to provide robust network analysis and modal choice that can be accurately calibrated and validated; providing a visual solution presentable to stakeholders, at all levels, for consultation/ approval.

Using the latest 'PTV Vision' family of software including, VISUM and VISSIM, together with more traditional software such as LINSIG and TRANSYT Project Centre are able to offer clients the full range of transportation modelling from simple traffic signal controlled junctions to full network distribution, reassignment and modal choice micro/macro simulation.

To help meet client demands and best value Project Centre has developed macros, code and routines via a COM Interface to speed data processing.

These tools have been tested on approved schemes validating quality and have demonstrated cost efficiencies. Our skills development has been founded upon our London experience with the understanding of extreme levels of congestion, whilst applying mixed priority and urban design initiatives.

NB: VISSIM training is provided by a 'PTV approved' instructor.

QUICKFACTS

- Economic Impact Analysis
- Travel Demand/Generation.
- 2D / 3D Visual Presentations
- Traffic Signal Control
- Strategies and Coordination
- VAP Programming (PUFFIN Routines, VA, VMS, ITS, etc)
- Mixed Priority Studies
- Transport Interchange
- Macro, Code and Routine Development
- Planning & Cost Benefit Analysis
- Traffic Impact Analysis

