



analytics

paramics, empowering you with information

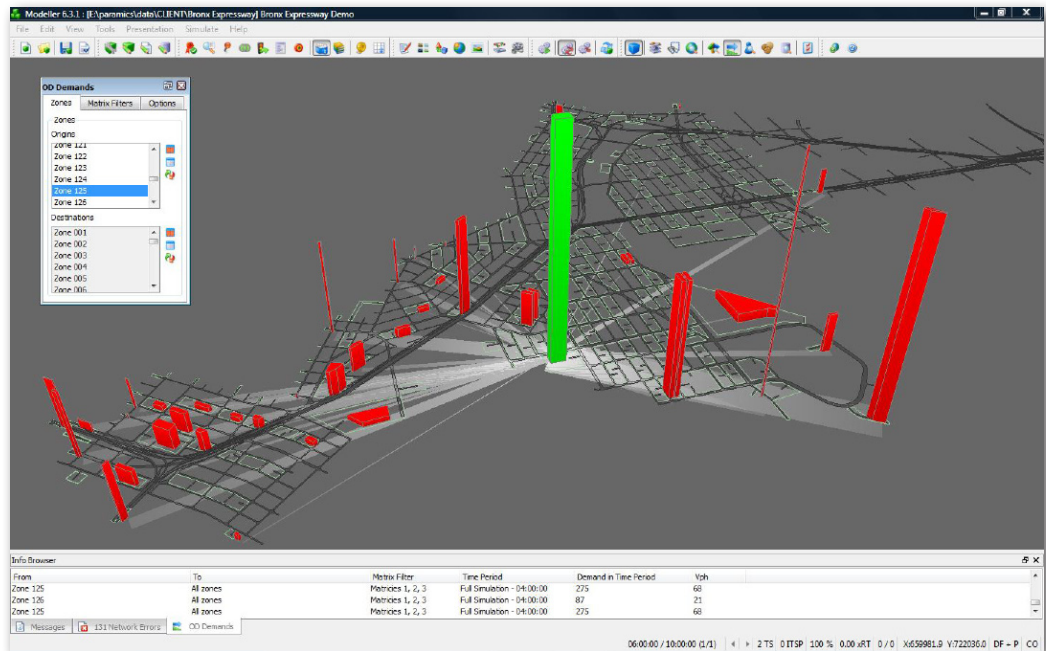
At Quadstone Paramics we understand the value of information; information about the decision making processes taking place inside your traffic model and how these contribute to the quality of the output produced. We are passionate about run time analytics and focus our development around the vital part analytical tools play in the project lifecycle.

In Quadstone Paramics, run time analytics provide the engineer with a wealth of feedback about what's happening inside their model as the simulation takes place; put simply these are tools that help you build better models.

Quadstone Paramics provides tools to help you debug coding errors, check for coding consistency, audit coding styles and produce a project based audit trail about who made what changes to the network and why.

Within the software, we also provide the capability to help understand vehicle behaviour, route choice, lane choice, dynamic decision making and the cause and effect of network changes on vehicle behaviour.

For run time data analysis we provide tools to query queuing patterns, peaks and troughs in demand, speed, density, LOS, journey time, etc. In addition, for calibration we provide tools for run time comparison of observed data, generic "goodness of fit" measures, sensitivity testing, and averaging of many results.



OD Demand Viewer showing the volume of trips to and from zones

overview