



# reporting

paramics, understanding the value of your data

Quadstone Paramics' statistical reporting capability is arguably the most comprehensive you will find in any modern traffic modeling tool. At Quadstone Paramics we feel that understanding what's going on inside your model is the most important aspect of the modelling process; you've got the data but what does it actually mean?

Having the data is one thing, being able to work with it in an easy way is another. With Quadstone Paramics we provide a post simulation analysis tool for this purpose; Paramics Analyser.

Analyser acts as a central data warehouse for all the statistics generated from many simulation runs. Once the data is loaded into Analyser the user can compare runs i.e. a base and future years scenario, average many runs, filter out selected parts of the network for closer inspection and filter by vehicle type i.e. show values for commercial traffic or new development traffic only. All of these changes can be applied at run time with no need to re-run the simulation.

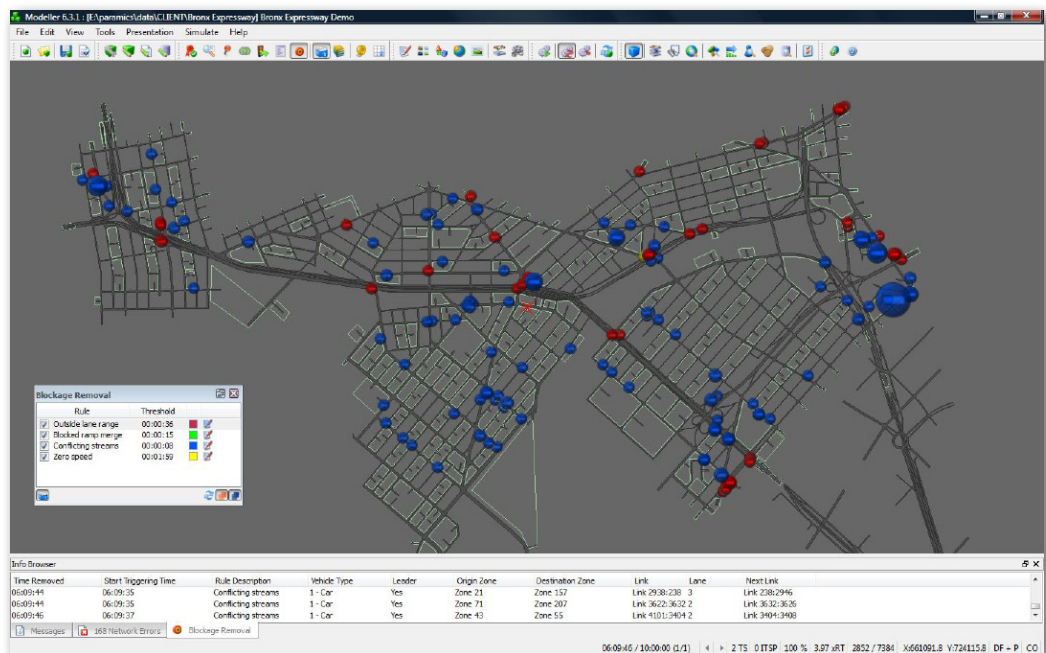
Analyser will generate text output reports in many styles (csv, html, xml etc) or large scale vector prints (dcf, pdf, etc.) for plotting. In addition, as all of the tools in the Quadstone Paramics range share information, you can use our Processor/Analyser tools to simulate a number of sensitivity or future year scenarios, automatically filter, interrogate, and report the results, summarise or average, and have the final output sent to your email inbox, all with a handful of mouse clicks.

Quadstone Paramics Analyser and Processor generate output in XML which is automatically formatted using XSL style sheets. A number of style sheets are provided by default but users are free to provide their own which can be used directly through the software applications. With these methods users can format Paramics output any way they wish and standardize formats across all applications.

Paramics provides a wide range of core output statistics including:

- **Link:** speed, flow, density, delay, queuing, stop time, relative time delay, LOS etc.
- **Node:** queuing, blocking, turning delay, turning count, LOS etc.
- **Zone:** release demand, blocking, journey time distributions etc.
- **Loop:** speed, flow, gap, occ, point data, by vehicle type, time aggregated etc.
- **Composite:** roundabout turning movements, select link analysis, path usage, bus info, economic info, journey times, route choice costs etc.

overview



Blockage Removal tool highlighting driver events