



# scalability

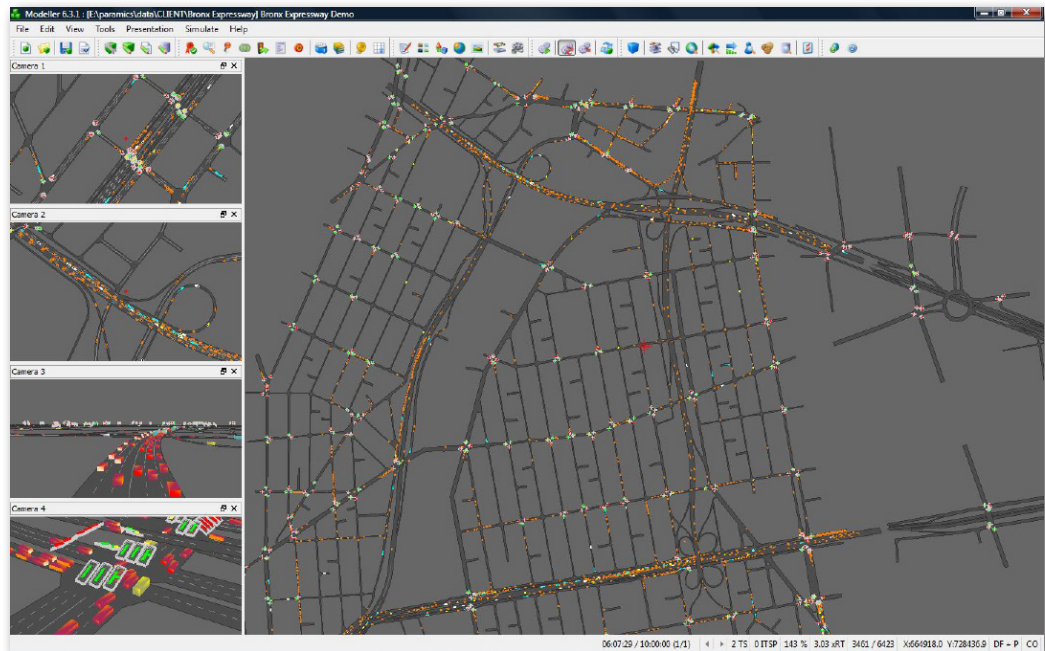
paramics, intelligent solutions for real world problems

Quadstone Paramics networks typically cover a wide range of geographic levels. Applications may include 400 square miles of freeway, the entire downtown area of a major metropolitan city, a multi intersection urban corridor with PT priority, or detailed design of a new roundabout scheme; Paramics will model each in the same high level of detail.

Quadstone Paramics focuses on providing the right tools to allow quick creation of the network. It's a case of "draw what you see"; load a number of background images/cad files and draw the traffic network on-top - point and click, drag and drop. Users can import model data from other sources i.e. a 4-step model network layout or GIS data.

The power of Paramics lets users have various levels of detail they can apply to the network during coding. Paramics features an Intelligent Geometry Engine that will automatically calculate junction priorities, turning speeds, links speeds due to curvature and gradient, multi link zone loading distributions etc. based on the network layout you draw. Of course all values can be further refined by the user.

Combining fast network building, flexible data import, run time analytics, and high speed distributed processing allows Quadstone Paramics to model the smallest network, the largest network, and anything in-between in the same level of detail.



Large scale model showing multiple camera views

overview