



Advantech Design

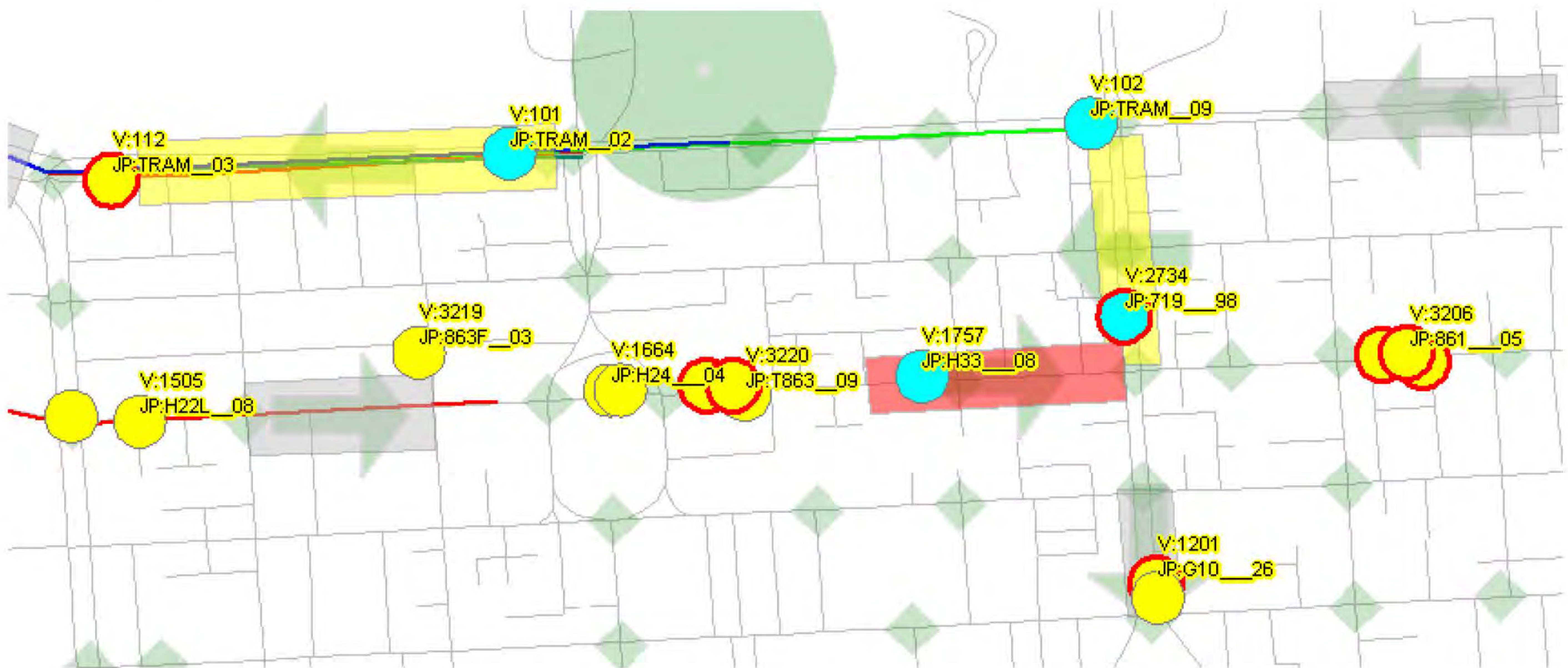
TRANSNET Public Transport Priority

The TRANSnet Public Transport Priority system introduces a revolutionary approach to providing effective, managed priority, and incorporates a totally new methodology to incorporate intelligent priority management of all public transport vehicles (bus and tram), as well as performance monitoring. TRANSnet is fully SCATS^(*) compatible.



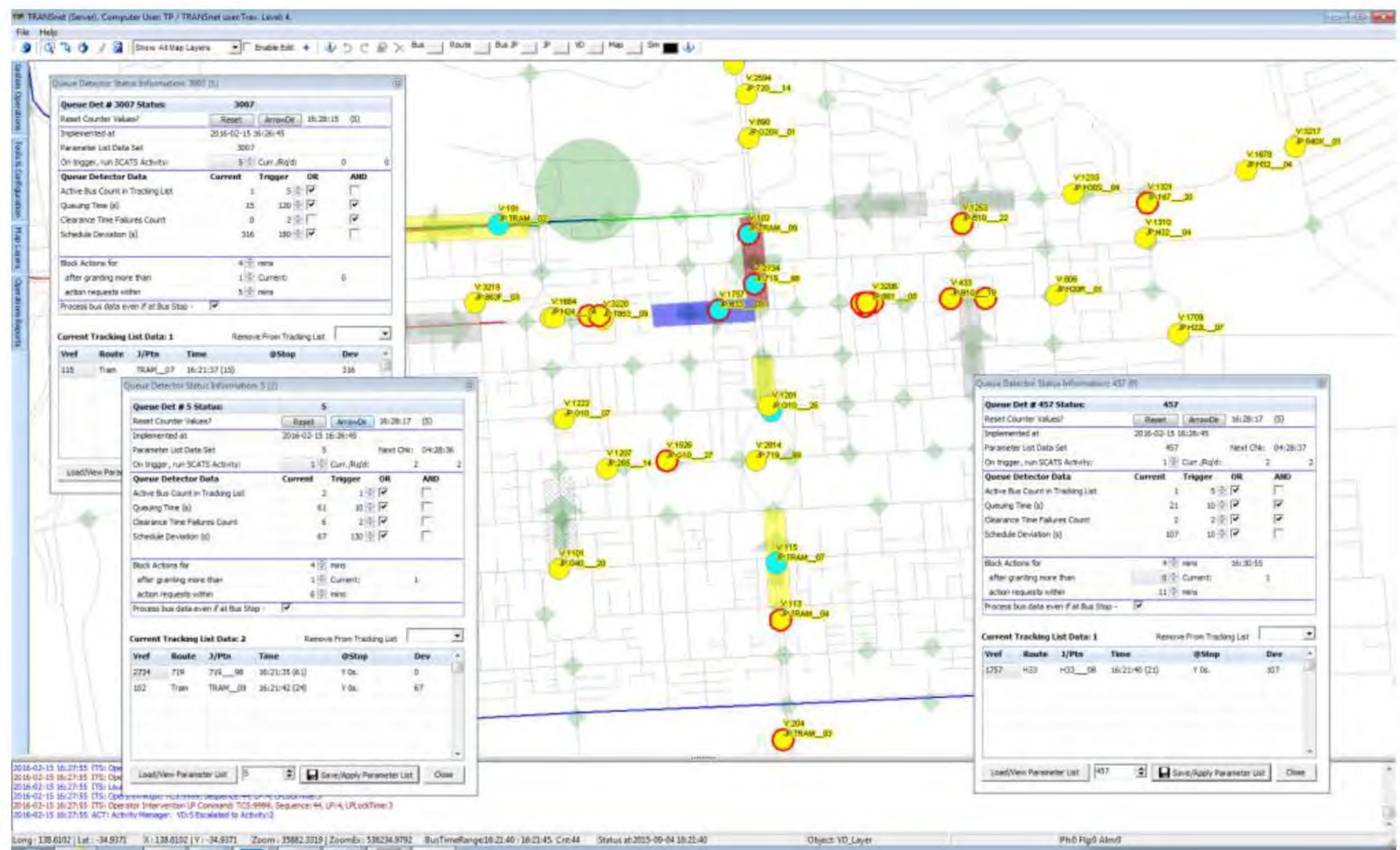
Why TRANSnet

TRANSnet avoids the requirement to install special on-road detectors or modify intersections and traffic signal controllers. With the TRANSnet System, “Virtual Detectors” are simply created by a user anywhere on the map surface that a detector zone is required. Parameters determine which vehicles are captured (e.g. only vehicles on specific routes will be tracked through specific detectors).



* SCATS - Sydney Coordinated Adaptive Traffic System is a registered trademark of the Roads and Maritime Services, NSW, Australia.

TRANSnet automatically determines priority requirements and sends commands to the traffic management system to request priority intervention whenever required.



Priority Parameters

The parameters that are associated with each of the virtual detectors include specific trigger condition values that need to be met for any priority action to be initiated. These triggers include:

- Maximum Queuing time
- Active Bus Count in the detection zone
- Clearance time failure counters
- Schedule Deviation
- Vehicle In Congestion indicators

Reporting Tools

TRANSnet includes significant monitoring and reporting tools that allow the user to review operations, interventions, and traffic and public transport performance enhancements.



Queuing time displays

