Trapeze®

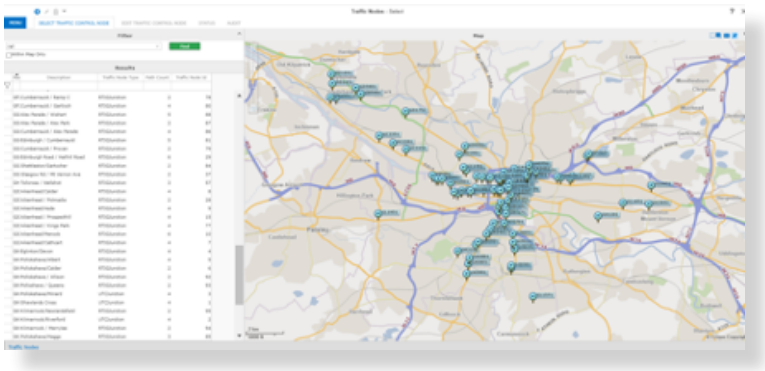
TRAFFIC LIGHT PRIORITY

Novus-TLP

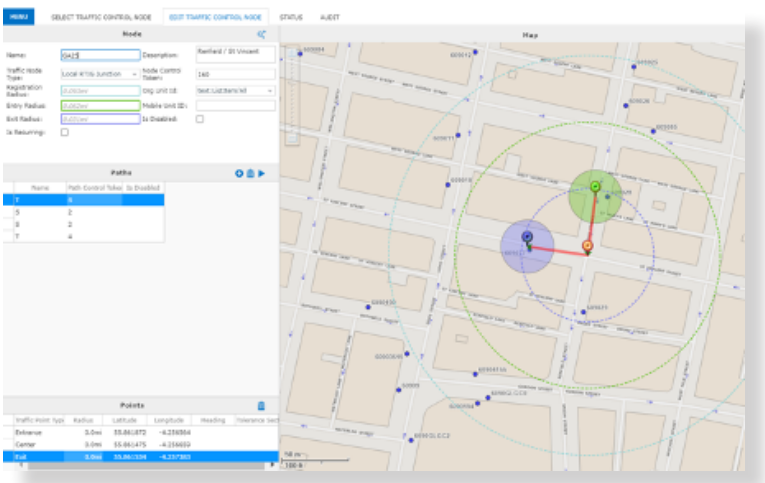
Reduced traffic emissions and cleaner air are intrinsically linked. Modal shift from private vehicles to cleaner modern buses is a goal for all urban planners and all local authorities – and using technology to deliver this in a smart way is something that can be achieved here and now. Trapeze's solution to this problem enables authorities to implement a traffic light priority scheme which allows buses and trams to have green-light priority over other road users at traffic junctions.

The impact of this is three-fold:

1) More reliable trip times raise passenger confidence in the quality of the bus network, increasing bus ridership over private cars
2) Increased efficiency in bus operations ultimately reduces vehicle requirements – resulting in fewer vehicles on the road and less cost to the bus industry
3) The above factors lead to cleaner air by ensuring there are fewer vehicles – buses and private vehicles – on the road



Manage multiple junctions across a variety of UTMC systems



Define junction paths and trigger points

Key Benefits

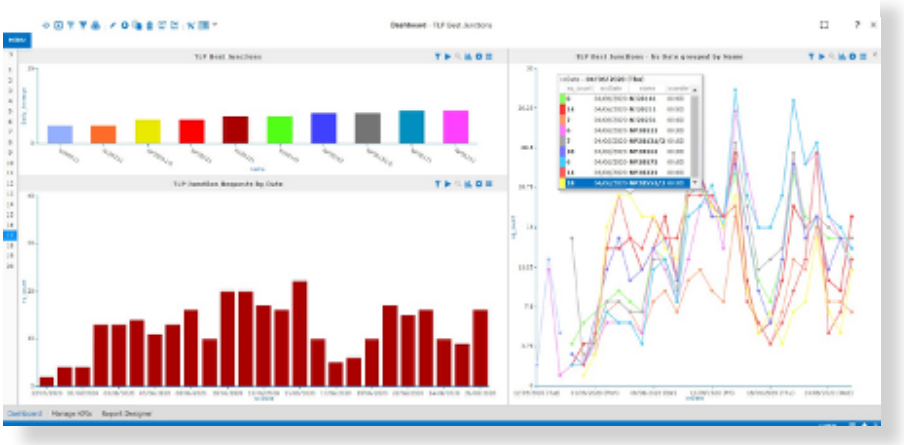
Cleaner Air

- Drive modal shift from private vehicle to public transport
- Improve air quality and meet air quality targets
- Ensure the bus network is affordable and therefore more sustainable
- Improve quality of life

Overview

Creating Priority

- Give buses priority over cars at traffic junctions
- Graphical interface
- Create junction definitions and movement paths through the junction
- Share junction info with bus operators
- Broker Traffic Light Priority requests from multiple bus operators
- Send requests to multiple UTC / UTMC systems
- Set priority levels – by direction of travel, time of day, service numbers and more
- Powerful reporting to enable optimisation



Track metrics and measure effectiveness of the system

Set configurable alerts on all data feeds

Connect with our Experts