

Is it time to take the operative off-site?



THE SPEAKER:

DR DARREN HUDSON

SENIOR PROJECTS MANAGER
TRAFFIC GROUP TECHNOLOGY



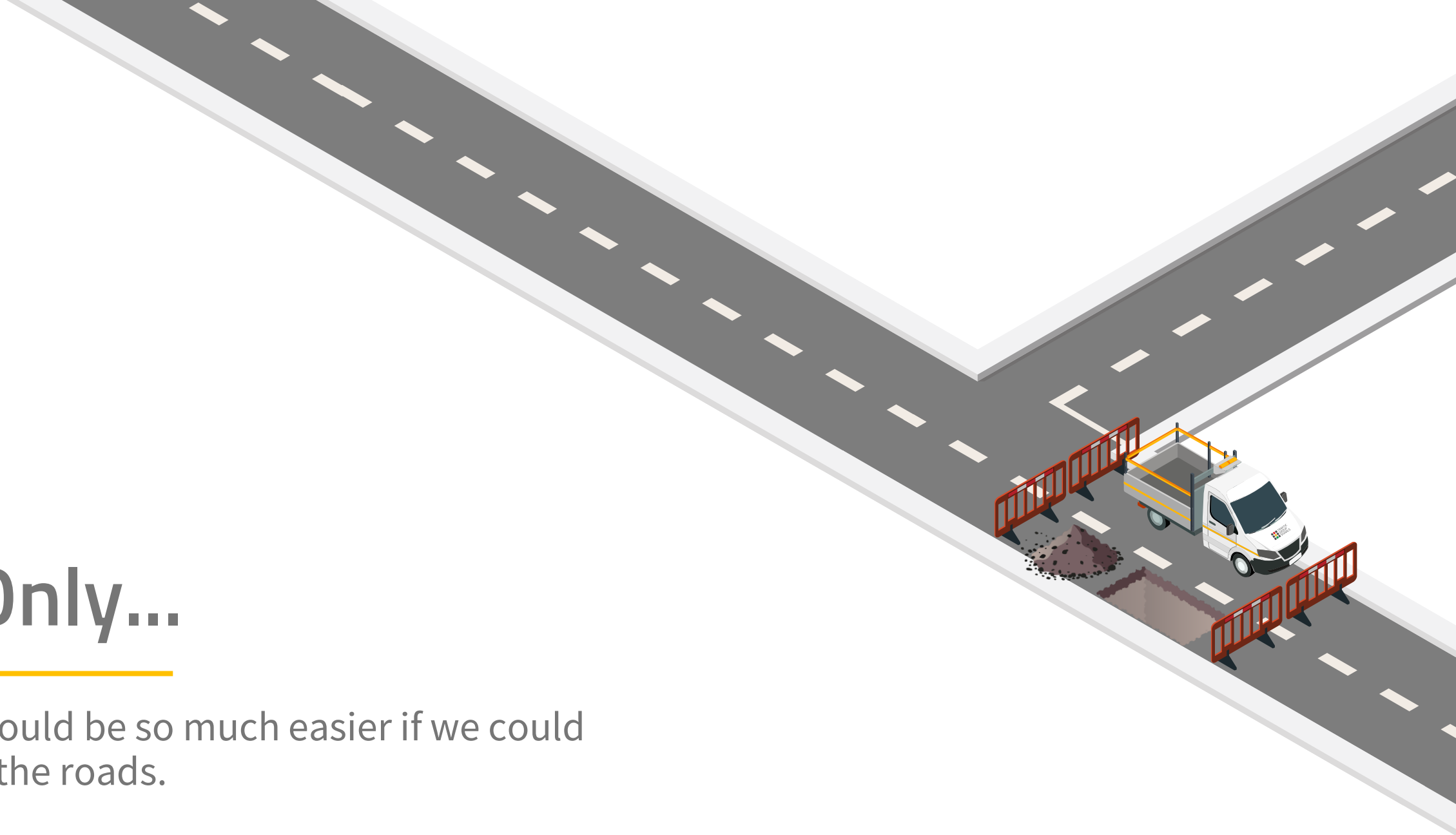


A Shared Network

Operation of any utility network creates an unavoidable requirement to perform works on the public highway.

If Only...

Life would be so much easier if we could close the roads.



A Tricky Balancing Act

Temporary Traffic Management safely bridges the divide between the needs of the works and the needs of road users.

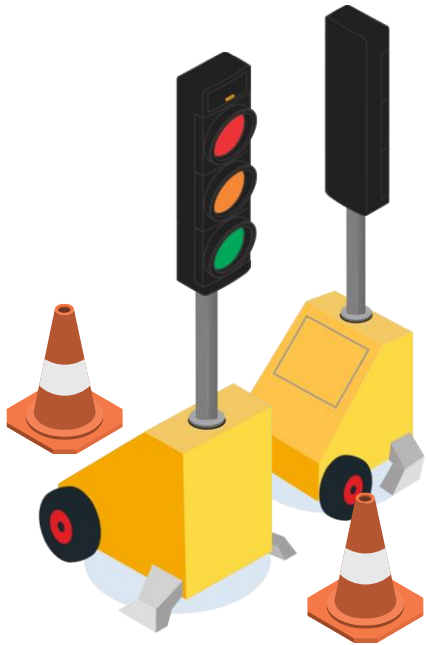
The Challenge

Dealing with congested, strategically important and sensitive sites.

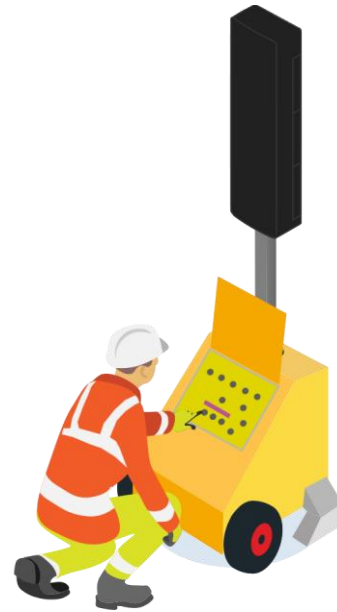




The Current Recipe



Portable Signals



Manual Control



Chapter 8 Vehicle

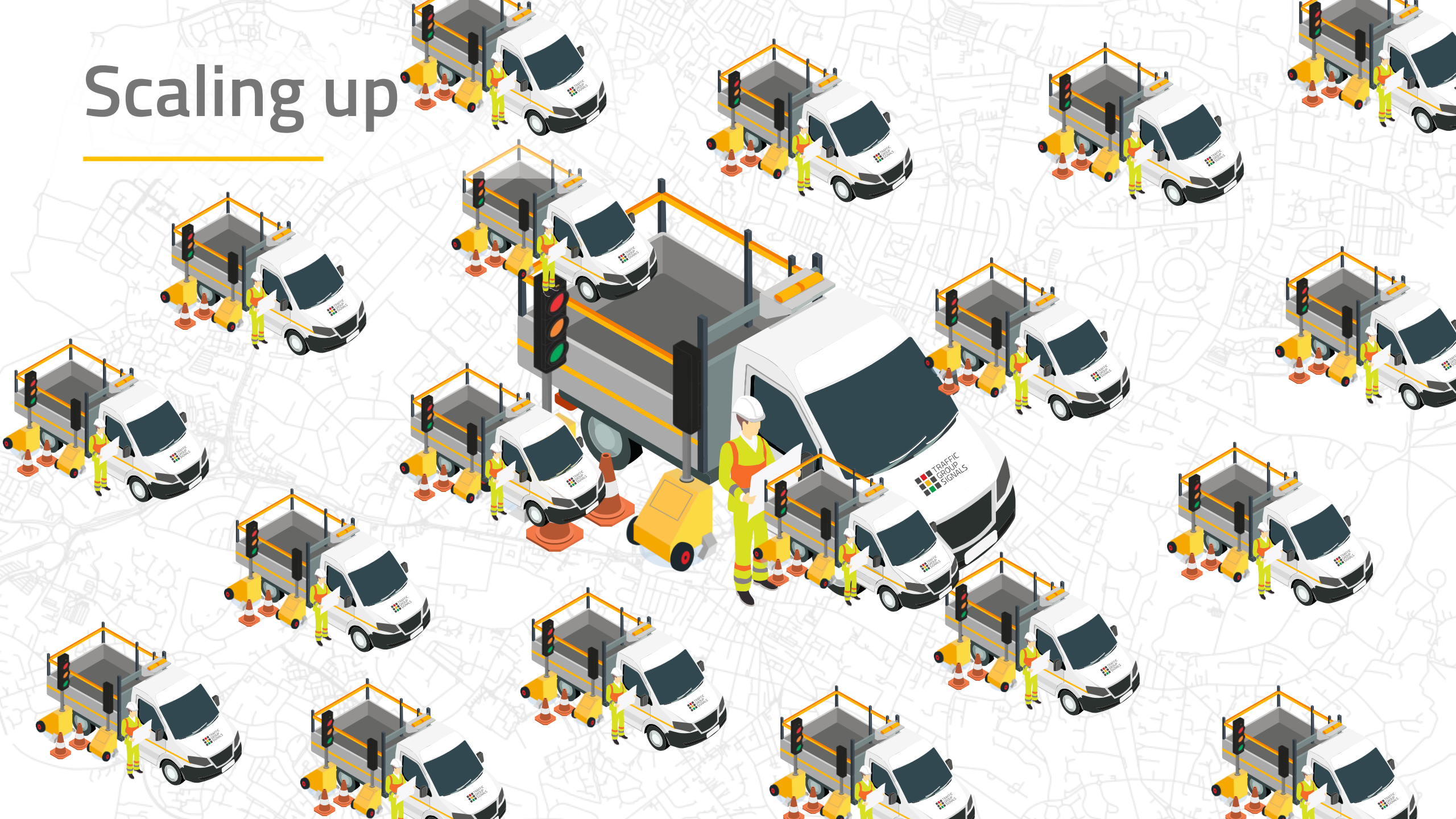


Fuel

Scaling up



Scaling up



Scaling up



Scaling up

Traffic Signals

Site Vehicles

Fuel

Traffic Management
Operatives



How Good is the Recipe?



£300

per TMO per day



20kg CO₂

per Van per day



60%

of roadworkers suffer
abuse daily



£4b pa

Economic impact
from congestion

This got us thinking

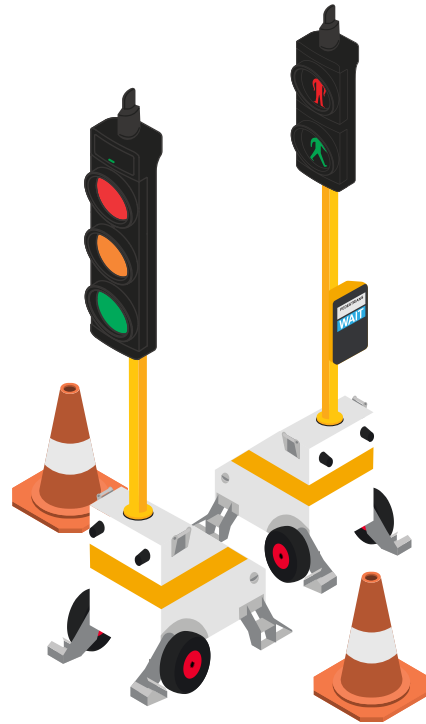
Why don't we see operatives in vans all day at permanent signals?



A new recipe



Permanent-Style
Signalling



Ultra-Reliable
Signals



CCTV



Traffic Control
Centre

A dedicated control centre?

Active status of signals

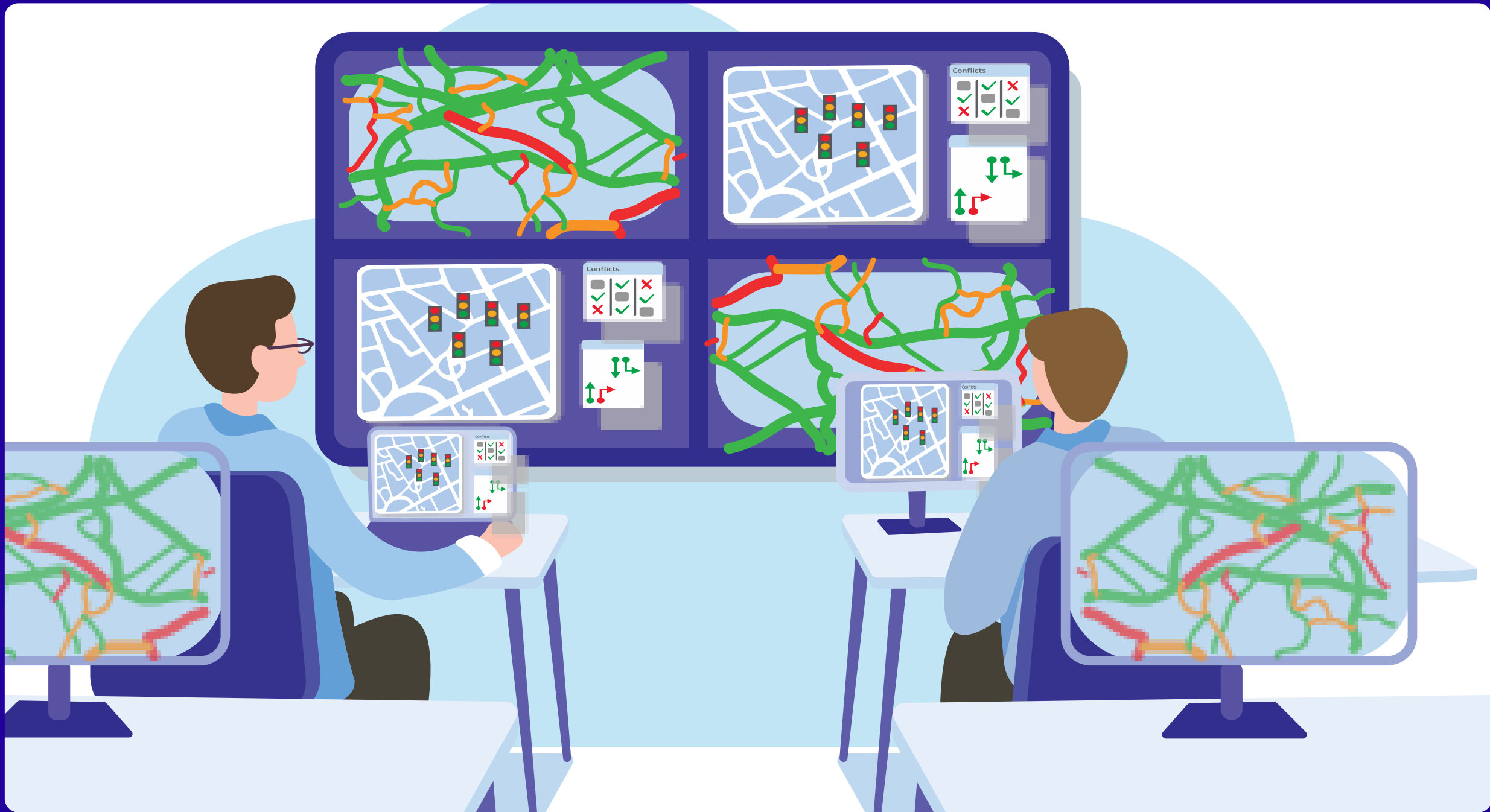
Journey time monitoring

CCTV view of live sites

24/7 remote management

Professional service collaboration







■ ■ ■ TRAFFIC
■ ■ ■ GROUP
■ ■ ■ SIGNALS

Safer, **Greener**, More Efficient