



Department for Transport

Digitisation of TROs

The DfT's *"Future of Mobility; Urban Strategy as part of the Future of Mobility Grand Challenge"* calls for a regulatory framework that evolves with transport technology and advocates data sharing to improve operation of the transport system.

Traffic Regulation Orders currently provide highway authorities with powers to place permanent, temporary or experimental restrictions on traffic for the purposes of safety or traffic management.

Digitisation of these orders and providing them as standardised data would provide many benefits, including:

- improving existing services (e.g. satnav routing)
- providing new services
- reducing enforcement and processing costs to local authorities
- reducing congestion
- provision of the digital infrastructure for connected and automated vehicles.

The TRO-making process varies across the highway authorities and is still managed in some areas through a paper-based approach. Most highway authorities do not generate digital, map-based output as part of the TRO-making process.

Valtech have been commissioned by DfT to develop an improved data model, with publishing/distribution capability added, that will help highway authorities transition to digital TROs. This work is a continuation of work done on a data model as part of a Discovery phase conducted in 2019.