trlsoftware.com

UTC

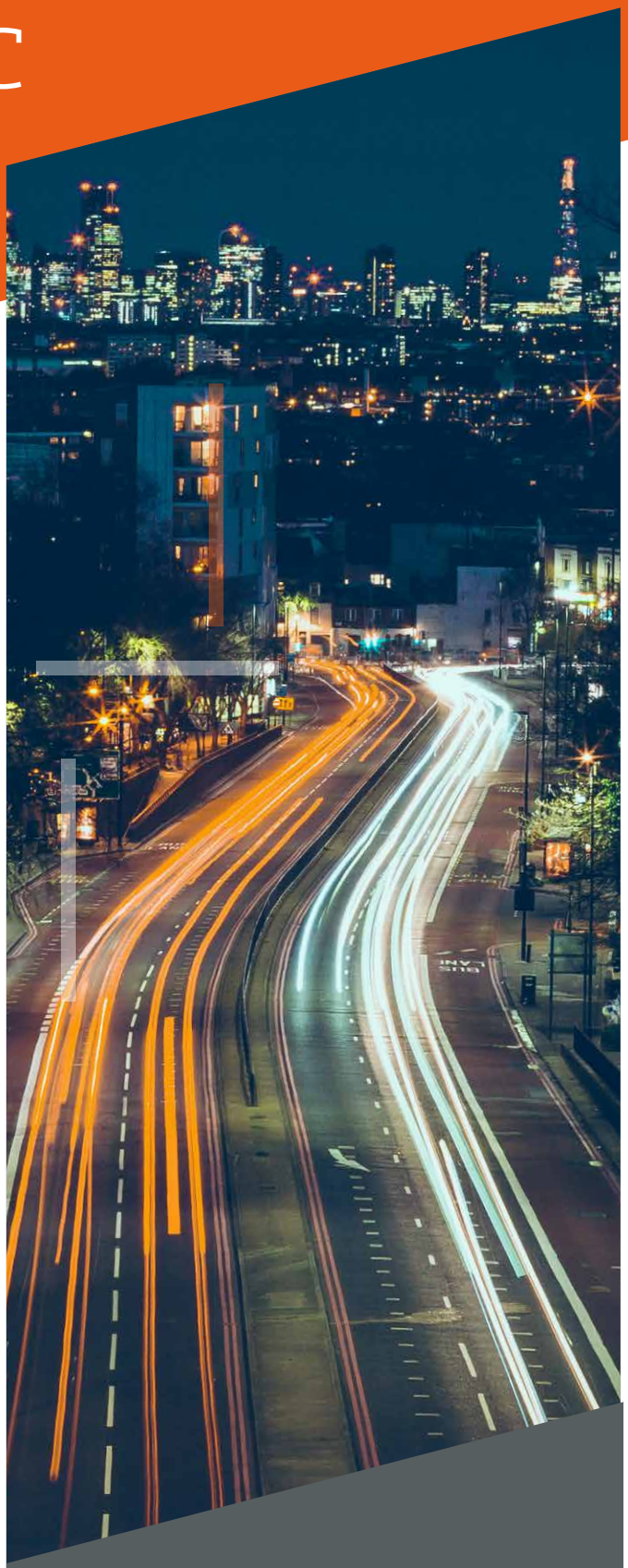
POWERED BY SCOOT 7

Intelligent Traffic System for every Local Authority

TRL Software

Urban Traffic Control

Powered by SCOOT 7



Successfully managing the road network is becoming harder than ever. As the desire to travel grows, so does the means of travel.

Cycling, public transport, walking and, increasingly, connected vehicles (currently in its infancy but expected to grow rapidly) are all factors in the modern multi-modal environment.

Urban Traffic Control has take a big step forward: this generation of SCOOT enables an easy transition from a proprietary product to an open architecture cloud-first model, designed to be flexible and work in a fast evolving open transport management arena.

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Scales to your network

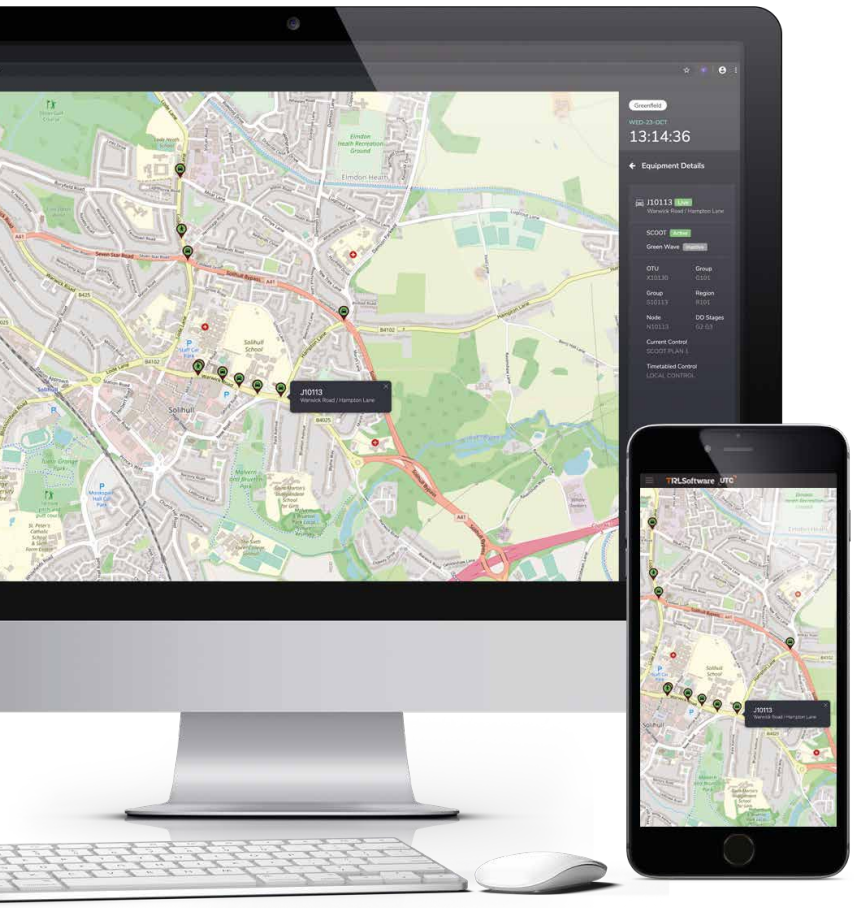
Our UTC is an Adaptive Signal Control strategy that can be tailored to your network, regardless of size. Whether you are a small Local Authority needing to run a few junctions, or a large Local Authority with hundreds of junctions. Our UTC is fully scalable and able to grow with your network.

Future mobility in mind

As the road network develops, so too does the means of travel. Integrated with the new version of SCOOT 7, our UTC supports volumetric detection of pedestrians and cyclists.

Affordable for all

With frictionless deployment, independent of any hardware provider, total cost of ownership on your network is dramatically reduced. Also included:



- ✓ **Cloud hosted: eliminates maintenance and hosting costs**
- ✓ **Availability guaranteed 24/7**
- ✓ **User access from anywhere with any internet enabled device**
- ✓ **Rapid access for instant control across any device**

Reducing the total cost of ownership means a smoother journey towards minimal disruption.

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> Designed with the future in mind, our UTC brings the latest development and optimisation of SCOOT 7

Open access

Our open access principle allows detailed insight into how people move around, and greater precision control over traffic flows.

All the data used and generated by SCOOT is available via structured APIs. Key stakeholders will now have the ability to develop apps that will truly benefit those on their network.

UTMC Compliant

Fully UTMC compliant, meeting all relevant industry standards:

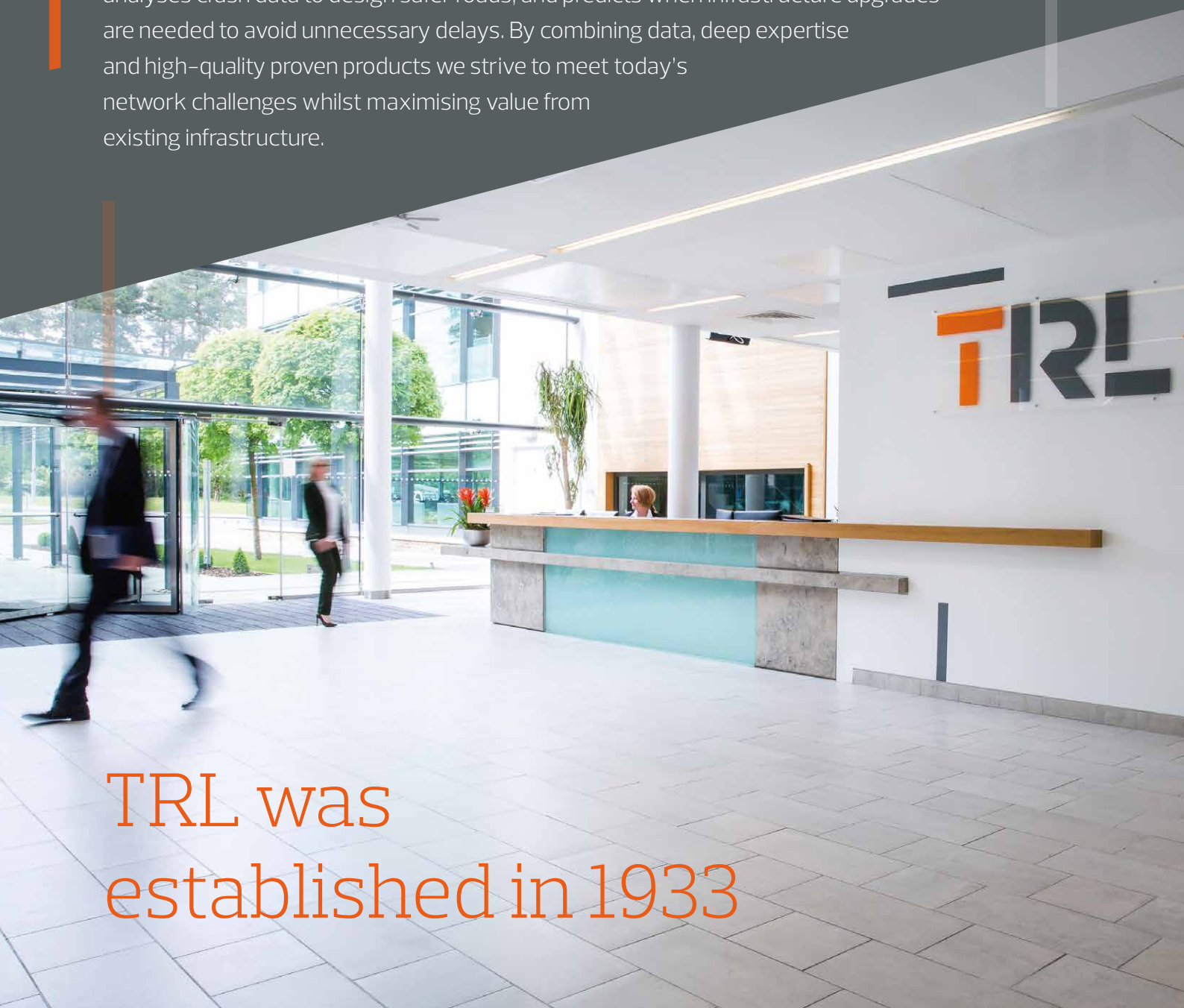
- MCE0360C:1983 **Urban Traffic Control Functional Specification**
- UTMC 29:2005 **Simple UTC MIB (UM/004)**
- UTMC 29:2005 **UTC MIB (UM/005)**
- UG405:2008 **Full UTC MIB (UM/008)**
- UTMC:2015 **RMU MIB**
- TR2500A:2005 **Specification for Traffic Signal Controller**
- TR 2522A:2005 **Remote Monitoring and Control of Traffic Control Equipment via a Telecommunications Network**
- TR 2523A:2005 **Traffic Control Equipment Interfacing Specification**

TRL Software

TRL is a global centre for innovation in transport and mobility. It provides world-leading research, technology and software for the surface transport market, supporting intelligent, new mobility innovations.

TRL Software builds on this heritage, whilst at the forefront of transport innovation. As the original developers of SCOOT, we designed the world's most popular traffic management system, reducing congestion by up to 30% in towns and cities from London to Dubai.

Our suite of products help design roundabouts and junctions to reduce idling vehicles; analyses crash data to design safer roads; and predicts when infrastructure upgrades are needed to avoid unnecessary delays. By combining data, deep expertise and high-quality proven products we strive to meet today's network challenges whilst maximising value from existing infrastructure.



TRL was established in 1933

World class traffic & transportation solutions

Today, TRL supports more than 1,000 clients across 145 countries, driving positive societal and economic benefits.

Our core areas of expertise include: road safety, vehicle safety, crash investigation, human factors & behavioural research, asset management & technologies; intelligent transport systems & traffic operations; sustainability & healthy mobility; major incident investigations.

Our innovative and evidence lead software solutions support the design, management and implementation of safe and reliable transport networks, with products being used worldwide by hundreds of Local Authorities, consultants and engineers.

iROADS
for road asset management

ARCADY
for assessment of roundabouts

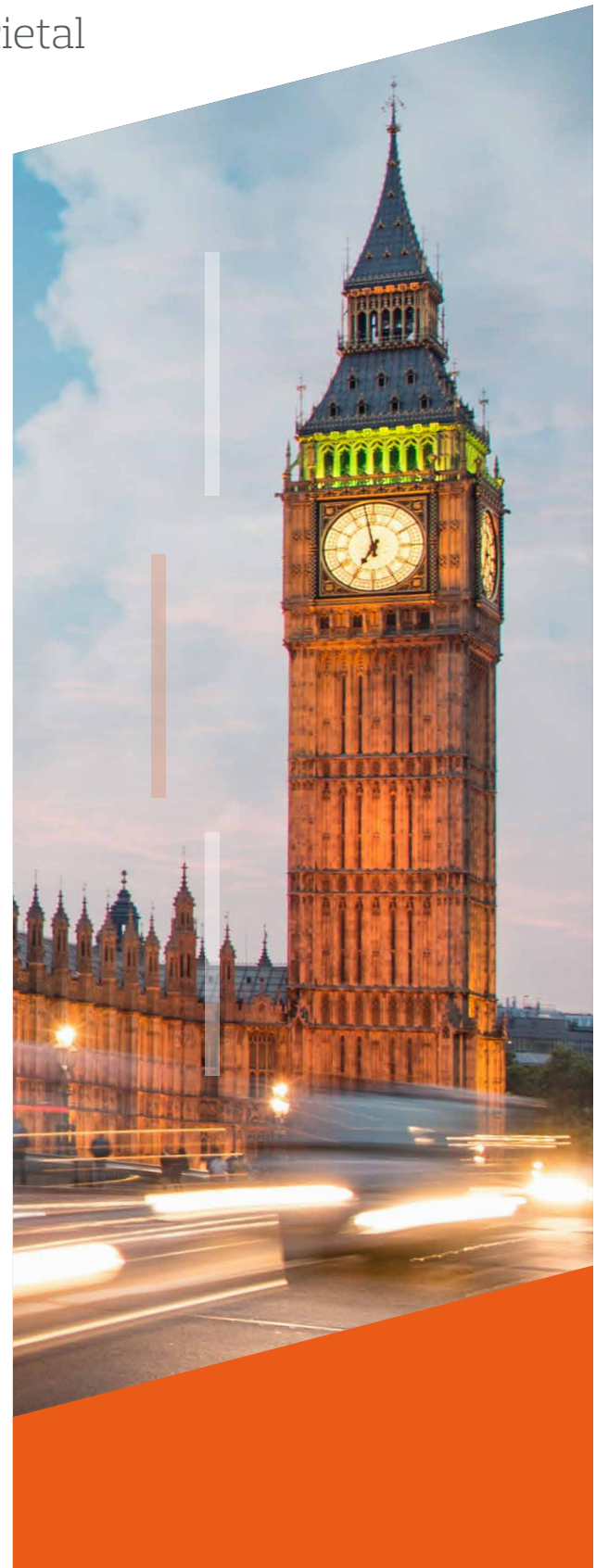
PICADY
for junction design

OSCADY
for evaluation and optimisation of isolated junctions

TRANSYT
optimises coordinated signal timings

iMAAP
for detailed crash data recording and analysis

MOVA
to regulate traffic flow at isolated signalled junctions



Why TRL Software?

We develop powerful software that is based on solid proven research, trusted by hundreds of local authorities, consultants and engineers around the world.

Our industry experts have extensive experience partnering and collaborating with professionals across the globe, having successfully implemented systems in over 20 countries.

More information on TRL Software's UTC can be found on trlsoftware.com/utc

Call us on +44 (0)1344 379 777 to arrange a free consultation.

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