

|||||UTC Powered by
SCOOT® 8AI

Intelligent urban traffic control for a multi-modal, connected future

TRL Shaping
transport [/trlsoftware.com](https://trlsoftware.com)



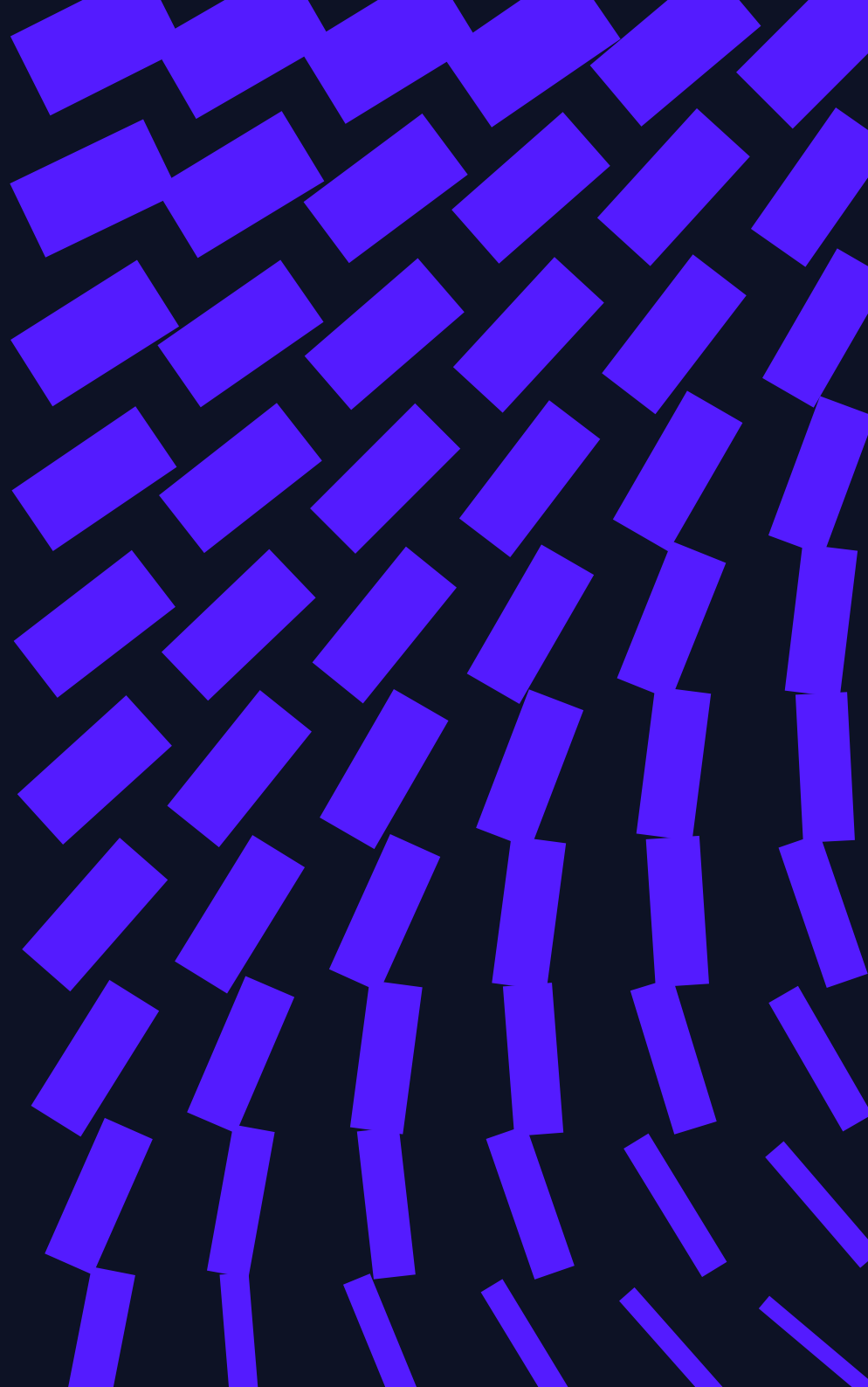
Urban traffic control

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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 and automated vehicles (CAVs) are all integral to the modern multi-modal environment.

Urban Traffic Control has evolved. UTC powered by SCOOT® 8AI enables a shift from passive signal operation to proactive network management, supporting a modern, cloud based, open architecture that is flexible and able to adapt as transport networks continue to change.



Scales to your network

Our UTC is an adaptive, policy-driven network control system for networks of any size, from a small number of junctions to large, complex urban networks. Powered by SCOOT® 8AI, it delivers enhanced optimisation and higher-resolution data to enable faster, smarter and more transparent control decisions.

The platform supports continuous improvement through customer-driven updates, helping authorities improve network resilience and plan for long-term scalability.

Future mobility in mind

UTC powered by SCOOT® 8AI enables dynamic, data-led priority for buses, pedestrians and cyclists allowing authorities to balance journey time reliability, safety and network-based outcomes in real time.

Priority strategies can evolve as policies change, ensuring UTC remains aligned with local transport policy.



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.

Open access

Our open access approach provides detailed insight into how people move around the network and enables more precise control of traffic flows.

All data used and generated by SCOOT® is available via structured APIs, giving key stakeholders the ability to develop applications that deliver real benefits for those using the network.

This open access approach transforms UTC into a network intelligence platform, enabling integration with public transport systems, active travel tools, analytics platforms and future CAV services.

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
- / TR2523A:2005 Traffic Control Equipment Interfacing Specification UTC is designed to adapt to emerging standards as they are developed.

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A woman wearing a white shirt, dark trousers, and a black helmet is riding a green and white bicycle on a city street. She is carrying a brown bag. In the background, there is a white van, a silver car, and a building with the sign 'GILDED HOUSE'. The street has yellow double lines. The right side of the image is a teal gradient overlay containing text.

TRL software

TRL is a global centre for transport and mobility innovation, delivering world-leading research, technology and software for the surface transport sector - enabling smarter, more sustainable mobility.

TRL Software builds on this heritage, whilst staying at the forefront of modern transportation. As the original developers of SCOOT®, we designed the world's most popular urban traffic management system, helping cities cut congestion by up to 30% - from London to Dubai.

Our products help organisations:

- / Design safer, more efficient junctions and roundabouts to reduce idling and improve traffic flow
- / Analyse collision data to target interventions and make roads safer
- / Predict when upgrades are needed so infrastructure is maintained proactively and disruption is minimised

By combining high-quality data, deep transport expertise and proven software... we help road network operators tackle today's challenges while getting the maximum value from existing infrastructure.

Established in 1933, TRL brings decades of trusted insight to the future of mobility.

World class traffic & transportation solutions

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

Our core expertise spans:

- / road and vehicle safety, crash and major incident investigation
- / human factors and behavioural research
- / asset management and transport technologies
- / intelligent transport systems and traffic operations
- / sustainability and healthy mobility

We build innovative, evidence-led software that helps organisations design, manage, and deliver safe, reliable transport networks.

Our products are trusted 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

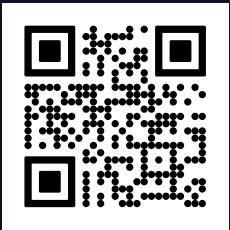
iMAAP: for detailed crash data recording and analysis

MOVA: to regulate traffic flow at isolated signalled junctions

Why TRL?

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.



Scan the QR code for more information on UTC With SCOOT® 8AI

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