



One of Europe's
largest suppliers of
mobile ITS solutions



Leading the way in technology and service



SRL are one of Europe's largest manufacturer and supplier of portable and temporary ITS equipment and integrated systems to the traffic management, construction, events and utilities sectors.

With over 25 years' experience in the traffic management sector, SRL is a comprehensive mobile ITS provider. The product portfolio comprises a range of VMS (Variable Message Signs), CCTV, traffic and pedestrian signals, solar/hybrid workzone protection barriers and ANPR. Integrated solutions include the Urban64 traffic signal system, coordinating multi-directional flows of traffic and pedestrians, and our Haul Route PLUS crossing solution.

SRL are the only manufacturer of ITS with the product confidence to be on the frontline with our customers 24/7, 365 days a year. SRL's Depot is base in Dublin facilitating swift and environmentally sustainable delivery across the country.



Our wealth of knowledge, expertise and service makes us the best at what we do and we have the accreditations to match.

The SRL executive management team ensure that the business delivers a total and unwavering focus on four key pillars.

-  **Quality**
-  **Safety**
-  **Reliability**
-  **Innovation**



Hiring or buying from SRL is easy



Spot Hire

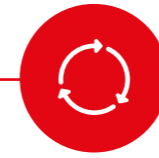
SRL design, manufacture and offer a hire fleet of the most extensive range of pedestrian and traffic lights systems in the country. We also have a comprehensive range of CCTV, VMS and security barriers to hire. Our units are up to date with the latest technologies that are simple to operate and very user friendly.

SRL are the only manufacturer with a nationwide hire division. Our products are designed to be robust and reliable. Our service commitment to standing on the frontline with our customers 24/7 enables our customers to have complete confidence in the products we manufacture.

SRL are the ideal hire partner for any customer who requires high quality, easy to operate, flexible systems. Some of our customers hire our products to top up their existing owned traffic light fleet, whilst many prefer to avoid the high-cost outlay and ongoing liability of ownership and hire traffic lights and pedestrian units when required.

Hire alleviates the need for secure storage when not in use and continual fleet maintenance. Every signal SRL supplies for hire has been serviced, checked and tested before deployment. With our depot based in Dublin, SRL products can be delivered quickly to your depot or site. Hire customers have the full support of our 24/7 call-out facility and on-site assistance including installation and decommissioning services.

E hire@srtraffic.ie



Contract Hire

Contract Hire is a fixed-term agreement with SRL that allows you to hire over an agreed period, giving you a cost-effective hire option without the capital outlay and worry of asset depreciation.

Contract Hire also means that SRL will take care of equipment maintenance, be it scheduled or reactive. We take care of equipment inspections and 6-monthly MOT's for trailers. We'll ensure that the equipment is delivered fully serviced and ready for use. You will also benefit from prompt breakdown response times 24/7 from one of our 30+ hire depots.

Contract Hire provides you with the same flexibility as if the equipment is your own, allowing you to allocate it to jobs as and when it's needed. As the agreement is a fixed-term, you can easily budget your fixed monthly costs too! You will benefit from a reduction in hire rate due to your commitment to hiring from us for a fixed-term. You can choose to colour brand your boxes with a long lasting powder coating.

At the end of your contract hire agreement, you can simply hand the equipment back or enjoy the automatic renewal facility. We will be happy to discuss your many options of renewal.

E hire@srtraffic.ie



Buy

There is nothing simpler than purchasing equipment from SRL.

From the moment you make contact with our fantastic team, you are in safe hands.

Never a one size fits all approach, SRL listen closely to understand your business' needs and use our experience and immense product knowledge to recommend a solution best tailored to your requirements.

E sales@srtraffic.ie

Contract hire for +2 years now includes branded boxes!

So, what's the difference

Opting to hire your equipment

	 PURCHASE	 CONTRACT HIRE	 SPOT HIRE
PRODUCT TRAINING	Red	Yellow	Green
WARRANTY	Red	Yellow	Green
DIAGNOSTIC / REPAIR SERVICE	Red	Yellow	Green
TELEMATICS	Grey	Yellow	Green
2-HOUR RESPONSE TIME FOR NEW HIRES	Grey	Yellow	Green
24/7 PHONE SUPPORT	Grey	Yellow	Green
ON-SITE SUPPORT, 365 DAYS PER YEAR	Grey	Yellow	Green
DELIVERY & COLLECTION	Grey	Yellow	Green
REGULAR ASSET MOT/SERVICING	Grey	Yellow	Green
2-HOUR RESPONSE TIME FOR BREAKDOWNS	Grey	Yellow	Green
DIAGNOSTIC/REPAIR SERVICE	Grey	Yellow	Green
NEXT DAY DELIVERY FOR ALL COMPONENT PARTS	Grey	Yellow	Green
SITE SURVEYS & INSTALL	Grey	Yellow	Green
6-WEEKLY VISUAL TRAILER CHECKS	Grey	Yellow	Green
BIANNUAL TRAILER MOT	Grey	Yellow	Green
BESPOKE DELIVERY VEHICLES	Grey	Yellow	Green
QUARTERLY SERVICE REVIEW	Grey	Yellow	Green
IN-DEPOT CHARGING FACILITIES	Grey	Yellow	Green
SRL SOLAR PLUS®	Grey	Yellow	Green

Hiring from SRL brings with it a comprehensive service package in comparison to choosing to purchase outright.

A hassle-free hire solution can save you money, too. All of your standard working overheads can be reduced by hiring from SRL. This means less time and money spent on repair, and wear and tear, and no worries about asset depreciation and even less people power.

A hassle-free hire solution can save you time and money.

Unrivalled Service and Support

We don't just deliver a product, we offer a full after sales/hire service. We are proud to be on the front line with our customers 24/7 across Eire.

In 2022, SRL opened a new Central Hire Desk (CHD) with dedicated customer service specialists. The CHD reinforces SRL's commitment to a customer first approach, ensuring that we deliver a smooth hire process from quote through to after-care.

Our wealth of knowledge, expertise and service makes us the best at what we do.



Delivery



Maintenance



Battery Exchange



On Call



Local Parts Stockists



Installations



Site Survey



Control



Managed Solutions



Telematics

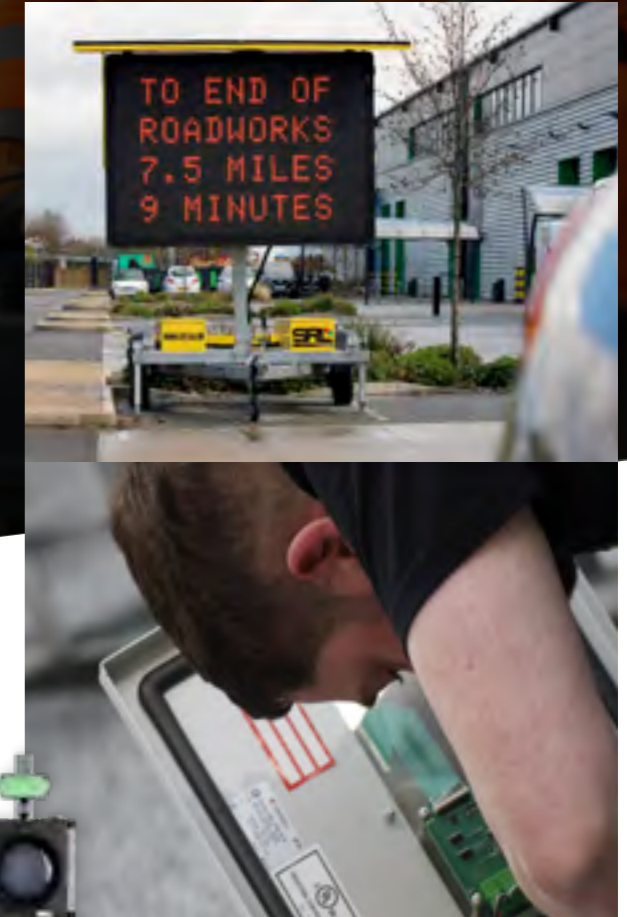
Driving change as industry pioneers

At SRL, we're known as industry pioneers, helping our customers to manage traffic as efficiently, sustainably and cost effectively as possible.

So, how do we do this?

Firstly, we invest heavily in technical expertise and actively encourage innovation across our business. And, secondly, we develop the products and solutions our customers in the traffic management, construction, events, and utilities sectors need.

As part of our roadmap for the future, we've invested in a unique hub where our technical expertise and creative brilliance can thrive. Our Technical and Innovation Centre underlines our commitment to developing next generation technologies that will make a difference to the future of temporary traffic light management. We welcome customers new and old to join us at the Technical & Innovation Centre to discover more about SRL products and services.



*Our mission is to accelerate change through **innovation, creativity, collaboration and unrivalled service excellence**, to transform the highways industry and beyond.*



Products & Services

10
Portable Signals

21
UTMC

23
Temporary Signals

27
SRL Telematics

29
Haul Route Systems

33
Security Barriers

35
Variable Message Signs

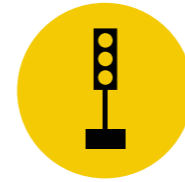
39
CCTV

41
Switching Service

43
Urban64®

49
Accessories

55
SRL Depots



Portable Signals

The need for efficient management of traffic flow at temporary traffic equipment has never been greater. The ever increasing demand for larger systems, often incorporating pedestrian facilities, has put SRL at the forefront of design and development in the products available to the industry.

Planned and unplanned works means getting equipment in-situ quickly is of paramount importance, the need for reliable equipment that is easy to set up is vital. The SRL range of portable traffic lights and pedestrian units meets all these needs with ease.



Smart Portable Messenger



Smart Messenger



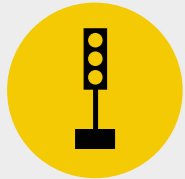
Flexible Solutions

Fully portable products to give flexibility and ease of use.



Unrivalled Eire Coverage & 24/7 Support

With Dublin as our core hub, we can provide responsive delivery and support across the length and breathe of Eire.



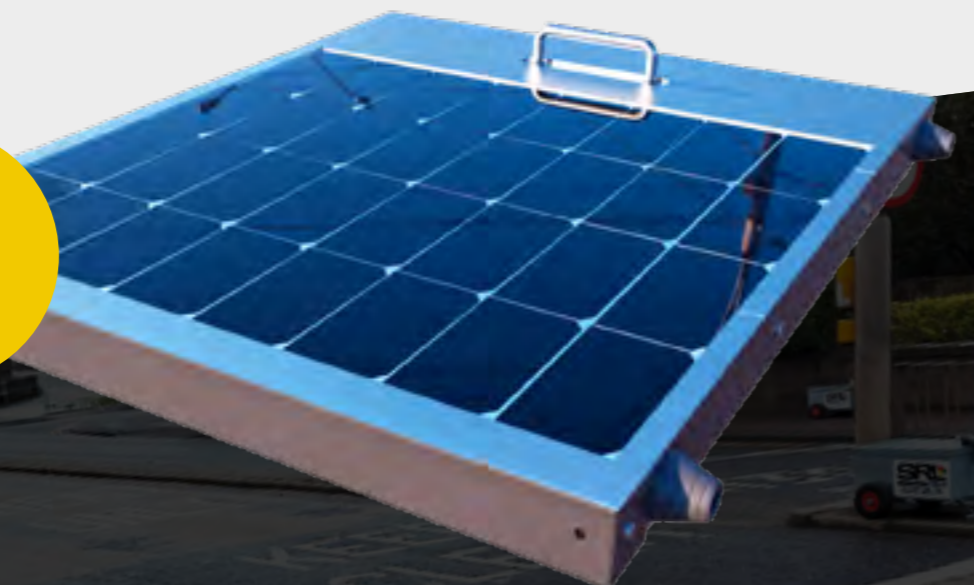
SRL Solar PLUS®

The arrival of SRL Solar PLUS® signals a major move forward in sustainable traffic management.

SRL Solar PLUS® dramatically reduces battery exchanges, power usage and emissions, making traffic management far greener. Available exclusively to SRL's contract hire customers, it can be easily retrofitted to our existing systems, increasing sustainability, cutting your expenses and improving safety.

In a world where everything needs to become greener, the SRL Solar PLUS® traffic system enables you to make a positive difference to the planet, effectively **reducing battery exchanges for weeks or even months at a time**. And as you might expect from Ireland's leading innovator in traffic systems, it can positively transform your business too, driving major improvements in cost efficiency, sustainability and health and safety along the way.

Compatible with
Eurolight, Radiolight,
Pedestrian Systems,
Temporary Systems,
CCTV and UTM.



Sustainability Statistics

Power: 52W
Size: 601mm x 546mm
Weight: 0.8Kg

- ✓ Monocrystalline silicon cells
- ✓ 24% conversion of sunlight into electricity (the leading conversion rate in solar application)

Keep your sustainability targets on track with SRL Telematics.

The advanced visibility of our telematics software means we're way out in front when it comes to fleet monitoring.

Telematics are integral to our new solar solution. A gamechanger for traffic management, rather than scheduling battery exchanges, telematics provide trigger alerts for battery voltage levels to advise when battery exchanges are required. These are sent to key users via SMS or emails at set voltages, typically to provide around 24 hours' notice.

This ingeniously small communications device sits neatly in the signal box, with its easy-to-use dashboard and sophisticated functionality which enables you to check battery charge levels, monitor your assets' exact locations and analyse system functionality.



With SRL Solar PLUS®, it all adds up to a more advanced sustainable signalling solution.

- ✓ Reduce energy
- ✓ Save money
- ✓ Protect people

Find out more about SRL Telematics on page 29



REMOS™

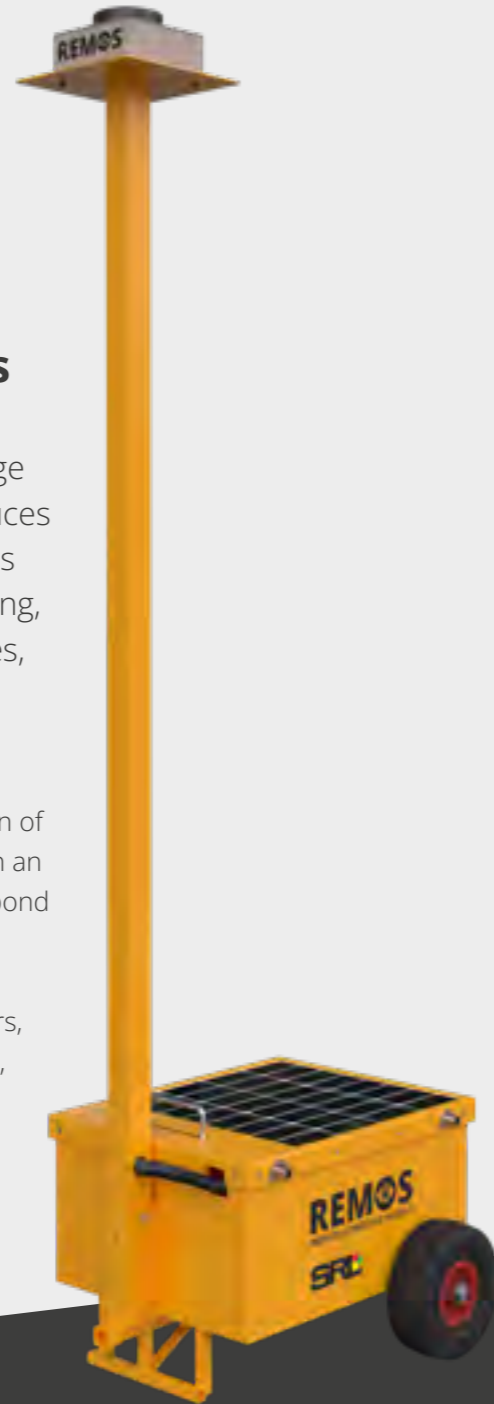
Remotely Operated Signals

Designed to transform the way we manage temporary traffic works, REMOS™ introduces a new era where UltraLight™ traffic signals are controlled manually, in a remote setting, eliminating the need for on-site operatives, enhancing safety and efficiency.

Traditionally, a large proportion of roadworks are deployed with permits requiring manual operation of traffic signals, and naturally companies will station an operative on-site to monitor traffic flows and respond to any potential issues.

REMOS™ provides a remote solution that monitors, controls and manages traffic signals from a single, secure, central location.

REMOS™ is not just an improvement; it's a complete reimagining of how traffic management can be conducted.



How does REMOS™ work?

1. Data Capture

REMOS™ is equipped with advanced radar sensors & CCTV cameras that continuously monitor traffic flow at the site and stream live footage of the area.

2. Data Transmission

Captured data is sent in real-time to SRL's Central Control Room via the SRL Control Hub to allow operators to access live traffic data of multiple sites, simultaneously.

3. Remote Operation

Trained professionals will analyse the real-time data and remotely manage traffic signals, switching between automated and manual control. If required, All Red is actionable too.

4. Proactive Management

REMOS™ allows for more frequent interventions and adjustments to traffic signals, reducing the likelihood of traffic congestion and improving overall efficiency.

A True Gamechanger in Traffic Management

By enabling remote operation, REMOS™ removes the need for on-site operatives, significantly reducing the risks and costs associated with traffic management.

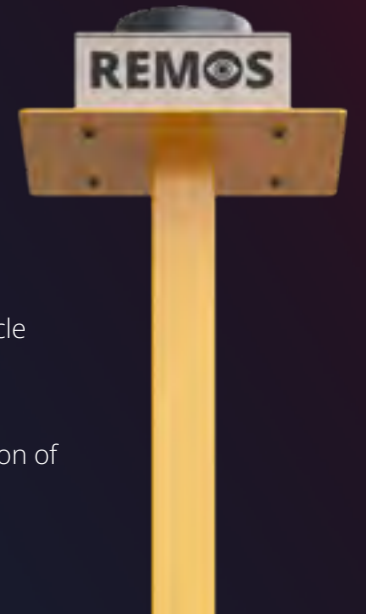
The Result?

Improved Safety: By removing the need for on-site personnel, reduce the risk of accidents and injuries whilst eliminating the potential for roadworker abuse.

Cost & Labour Savings: With one operator able to manage multiple sites simultaneously and remotely, save on costs associated with labour and vehicles.

Environmental Benefits: By reducing the number of site visits and minimising vehicle idling, directly reduce your carbon emissions and meet your sustainability goals.

Enhanced Process Efficiency: REMOS™ allows for rapid identification and elimination of bottlenecks, ensuring smoother traffic flow and reduced congestion.



Highways Standards & Compliance

Protecting both workers and road users is one of the core values SRL stands for. REMOS™ meets all the relevant statutory guidelines and industry standards including:

BS EN 50556

Road traffic signal systems

BS EN 12368

Traffic control equipment - signal heads

BS EN 12675

Functional safety requirements for road traffic signal control systems

BS EN 50293

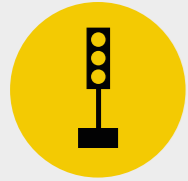
Electromagnetic compatibility for road traffic control systems

SRL Control Hub

At the heart of REMOS™ is our secure, web-based platform, SRL Control Hub. This provides a sophisticated system in which trained professionals are able to monitor live traffic flows, switch between manual and automatic modes and control signal operations with precision.



Find out more about SRL UltraLight™ on page 13



UltraLight™

Ultra Reliable, Ultra Efficient.

UltraLight™ is the ultimate innovation in temporary traffic signals, offering an unparalleled battery life, lightweight design and TOPAS 2540A compliance.

With enhanced radio signal connectivity, UltraLight™ ensures a more robust and dependable communication between traffic signals offering improved system reliability and performance. This advancement significantly reduces interference, resulting in smoother, uninterrupted traffic management.

UltraLight™ is significantly lighter than its predecessor, EuroLight. This weight reduction makes it easier for manual handling, reduces vehicle wear-and-tear and saves you valuable time and effort on-site.

UltraLight™ also comes with Multiphase ADS autoconfigured as standard. This advanced technology will detect, then adjust to varying traffic conditions without the need for manual intervention ensuring optimal traffic flow.

Furthermore, just like SRL's other portable traffic lights, UltraLight™ offers exceptional flexibility in deployment with its modular system and the ability to use any box with either a pedestrian or traffic post, allowing you to optimise your fleet seamlessly adapting to different project requirements.



Industry Leading Compliance

UltraLight™ meets the stringent TOPAS 2540A standards, ensuring that you are using the most reliable and compliant equipment on the market. This guarantees high performance, exceptional reliability and reduced interference, keeping traffic moving smoothly and safely.

The Solution to Traffic Management Challenges



Enhance safety for workers by significantly reducing the time they spend on-site conducting battery exchanges, leaving more time focused on critical tasks.

Reduce carbon emissions associated with transportation and logistics due to a reduction in the frequency of battery exchanges.

Ease the pressure on people power with less heavy lifting and fewer resources needed for setup, operation and maintenance of UltraLight™ signals.

Lower your overhead costs with savings derived from fewer battery exchanges, reduced manual handling and less downtime.



Key Features

- Extended running time
- On-board charging method
- Lighter than EuroLight & RadioLight signals
- Five-bullet locks integrated into the design
- Automatic signal dimming
- Improved software boosting radio signal
- IP56 water ingress rating
- Multiphase ADS Autoconfiguration
- Remote control compatible
- Cableless up to 18 signals
- Max Time Sets capabilities
- Part-time signal capabilities
- All red
- All off
- Adjustable red/green timings
- Adjustable black out timings for pedestrian phases

COMPATIBLE WITH

SRL Solar PLUS®

Remote Control

UTMC

Your **safer, smarter, more sustainable,** choice for traffic management.





Multiphase Adaptive Detection System (ADS)

Reactive, intelligent traffic light technology

SRL's Multiphase Adaptive Detection System makes automatic adjustments of green times, by using deep learning algorithms to interpret the data received from our new high accuracy radar detector (traffic volume and speed).

The result? Multiphase ADS is proven to reduce average queue lengths at temporary traffic lights by 50%. The only system in the Ireland that has been independently modelled, research found that the busier the road, the greater the benefit from using this unique technology.



Reduce Delays

During a site test, within 30 minutes of swapping correctly timed SRL traffic lights to our Adaptive Detection System, the queues on each approach were able to clear a back log of traffic of 130+ metres.



The first and only ever 4-Way Multiphase system

Compatible with
SRL Solar PLUS®



Adaptive Detection System with advanced radar detection

The Adaptive Detection System is incredibly easy to set up. Once the system is set up it begins to optimise max set timings, adding time to each approach when it has reached its saturation point. The system also allows for HGV start lag (HGVs slow off the mark) allowing extra time to get moving and clear the site. Once the system has seen morning peak and evening peak the system is fully optimised, however still has the ability to make dynamic changes when required.

The Adaptive Detection System is also compatible with a wide range of products, including all portable, UTMC, temporary and haul route crossing systems.



Key Features

- Rapid installation (only basic timings required)
- No site visits to make timing alterations
- False start rectification (no stuck reds from vehicles failing to move first time)
- Adapts to present traffic conditions
- Can be used up to 4-way control

Over 50% reduction in congestion
with our Adaptive Detection System

Eurolight Traffic & Pedestrian

Our newest portable traffic system, Eurolight signals have all the same features as its predecessor, Radiolight, with a few more additional features.



Key Features

Cableless - up to 20 signals

Adjustable minimum green time

- 7 seconds or 12 seconds

Adjustable gap time

- Between 3 & 5 seconds

Pre-programmable start-up & shut-down mode

- All red
- Flashing amber
- All off

Green time extension

- Automatic, adjustable
- Maximum green time
- Automatically reduced green time where no demand (legislation since 1991)
- Detector nudge on/off programme
- Weekday / weekend programmes
- Pre-programmable automatic shut-off and restart

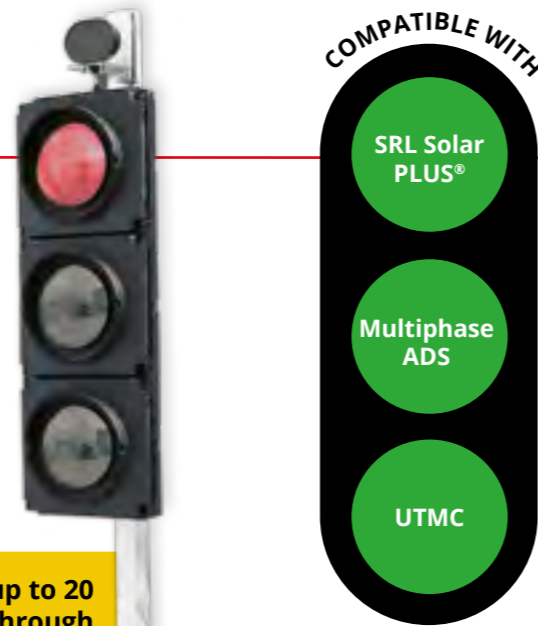
Full UTMC connectivity

- Dedicated UTMC on-site commissioning engineers

Security options

- T bar locks
- Wrap around locks
- Box locks

Link up to 20 signals through radio-link, no cables needed



Pedestrian Portable

Can be used as a stand-alone unit or at junctions. Simple to install and operate.

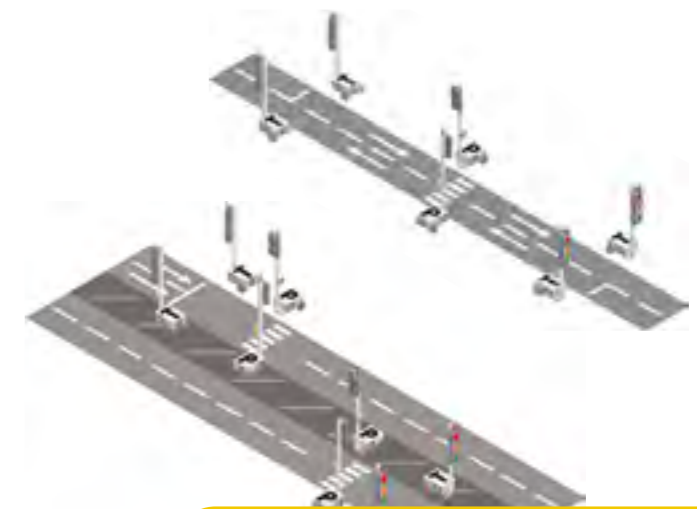


Key Benefits

- Can be used at junctions or as stand-alone
- Separate traffic and pedestrian signals
- Same height pedestrian signals as permanents, fixed or folding posts
- Standard height portable traffic signals
- Simple site set-up and installation
- 12v batteries capable of providing up to 10 - 12 days running time
- Remote monitoring with SRL Telematics
- Eurolight systems taken on contract hire benefit from bespoke coloured boxes, aligned to your own brand. Your choice!

Typical Pedestrian Portable Layout Diagrams

View more diagrams at www.srltraffic.ie/pages/portable



Find out more about SRL Telematics on page 29

Find out more about SRL Telematics on page 29

Radiolight® Portable

This versatile product is used for a range of traffic flow situations. Complete with radio link and 3 x 12v batteries per signal.

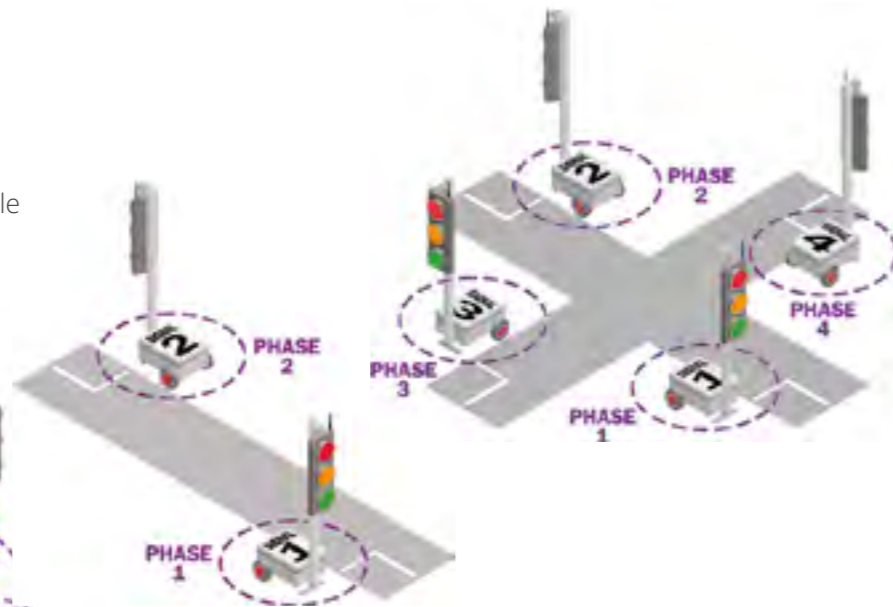
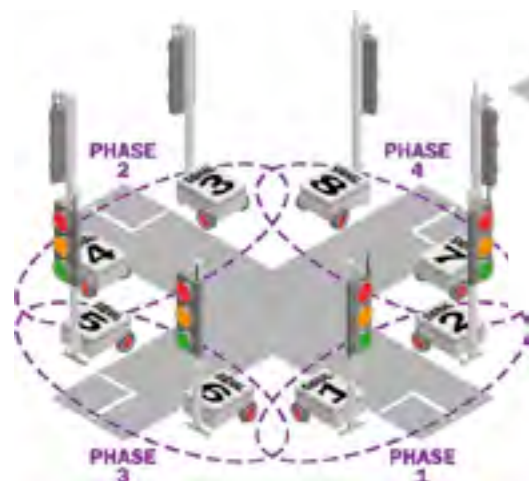


Key Features

- Radiolinked
- 4 year controller/radio warranties
- Multiphase, double head & pedestrian capabilities
- 3 x 12v batteries per signal providing up to 10 - 12 day running time
- LEDs R.A.G.
- Galvanised metalwork
- Detachable signal posts
- T-bar security locks
- 32 channel radios
- Vehicle detection
- Red light monitoring
- Single or Multiphase trailers complete with electrics
- Remote control optional

Typical Radiolight® Road Layout Diagrams

View more diagrams at www.srltraffic.ie/pages/portable



On-board or in depot charging options

Radiolight® Compact

Made for more reactive, short term works, Radiolight Compact has a slightly smaller signal box which accommodates just two batteries. This makes it more lightweight and easier to move, though the compromise is a shorter battery life.



Key Features

- 705kg total weight including trailer
- No tachograph
- No trailer licence required
- 5 days running time
- 4-way system
- 2-way, 3-way or 4-way capability or 2-way x 2 sets
- 2 x 12v batteries per signal providing up to 7 days running time
- Compact purpose designed, galvanised metal trailer
- Signal head security bars
- Detachable signal heads
- LEDs R.A.G.
- T-bar security locks
- 32 channel radios
- Vehicle detection and red light monitoring
- Optional remote control
- Multiphase trailers complete available with electrics



4-way traffic lights system under 750kg



Find out more about SRL Telematics on page 29



Rapid Response



Key Features

- Lightweight
- Easy to transport
- Quick to install: One-person operation
- Fully integrates with portable and temporary systems
- Multiphase - Capable of up to 4 phases
- Pedestrian capability
- Double head capability
- 24 hour running time
- No requirement for a trailer
- Bespoke charger supplied
- Detachable signal head
- Collapsible tripod stand



Approvals

- Highways Agency Approval TR 2502 (Equivalent)
- Highways Agency Approval TR 2503
- Highways Agency Approval TR 2504
- Highways Agency Approval TR 2537
- Highways Agency Approval TR 2538



TM Trailer

Everything you need to set up a 2-way traffic management system on a single carriageway road with a speed limit of up to 60 mph.

A fully kitted-out trailer based upon our SLG portable 2-way Compact system, but which also includes all the necessary traffic signs and cones. Available for contract hire.

The trailer is fitted with lights and rear facing beacons (to be switched on as required) and Chapter 8 compliant chevron markings.

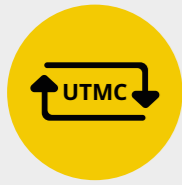


Key Features

- 1 x 2-way compact set inc. 2 spare batteries
- 2 x MAW signs 400 yds (with blank plates)
- 2 x TSA signs
- 2 x RN 200 yds signs
- 2 x RN SFT signs
- 2 x MAW END signs
- 2 x WRLSWH signs
- 3 x BLUE ARROW signs
- 30 x 750 mm CONES

The gross weight of the trailer is 1,150 kgs.

Hire agreements for this package must be based on long-term contracts.



UTMC

The SRL Portable Urban Traffic Management & Control (UTMC) device allows Local Authorities to remotely control systems from the In-Station.

This allows the Local Authority to control the stage movements of a portable installation within a network of nearby permanent systems for coordination.

In addition to controlling the system, the UTMC device enables an immediate alert to be sent to the In-Station in the event of an interruption.

The Chameleon OTU (Out-Station Transmission Unit) is an established product in the market, used commonly by Local Authorities throughout Eire.

SRL can offer a team of experienced UTMC commissioning engineers to set up the system on site on the traffic management provider's behalf.

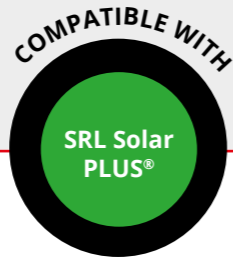


Multiphase Adaptive Detection System (ADS) - Page 13



Unrivalled Eire Coverage & 24/7 Support

We can liaise directly with the Local Authority to configure the system, complete a Site Acceptance Test (SAT), and offer 24/7 technical support. With our home in Dublin to provide fast delivery and support nationwide.



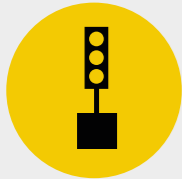
UTMC



Key Features

- Stage control and system monitoring for the local authority
- Chameleon OTU device
- #DSL fixed line - 3G/4G router communication
- UTMC29 / UTMC Type 2 (UG405) Compliant
- Schedules, timetables & CLF plans can be loaded for offline / local fix-time plan control
- Real time clock synchronised by in-station or other NTP server
- Timing increments in 1s intervals
- Minimum green 7s
- Minimum intergreen 6s
- Configurable UTMC demand dependant phases / stages
- 7 real independent phase / stage and all red stage confirm
- Multiple number of signals per phase





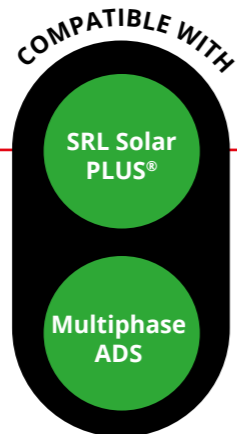
Temporary Products

SRL SolarLight traffic light signals replicate the appearance of permanent signals for a more commanding semi-permanent appearance. Both the traffic and pedestrian signals are the same height as permanents. Tailor-made and assembled on site by SRL technicians.

New for 2023, the dual-aspect solar-powered SolarLight signals are now available. Featuring, SRL Solar PLUS® to the signal box, as well as an overhead panel, the two panels collectively remove the need for battery exchanges. We recommend new batteries are swapped into the signals just once per year as part of an overall service.



SRL SolarLight signals can be used at junctions, stand-alone and haul route crossings.



SolarLight

The introduction of SolarLight Signals is truly a gamechanger for our customers. The dual-aspect solar panels provide a 'fit and forget' solution; a run time of up to 365 days a year vs the typical weekly battery exchanges. This delivers a vast reduction in carbon emissions and an improvement in overall running cost.

A much bigger and heavier solution than SRL's portable signals, SolarLight Signals are designed for long-term use, where their position is fixed.

Our SolarLight signals are also UTMC and Multiphase ADS compatible.

SolarLight Signals also feature four new stability legs for enhanced firmness on a range of terrains and are compliant with TSRDG Diagram 3000.

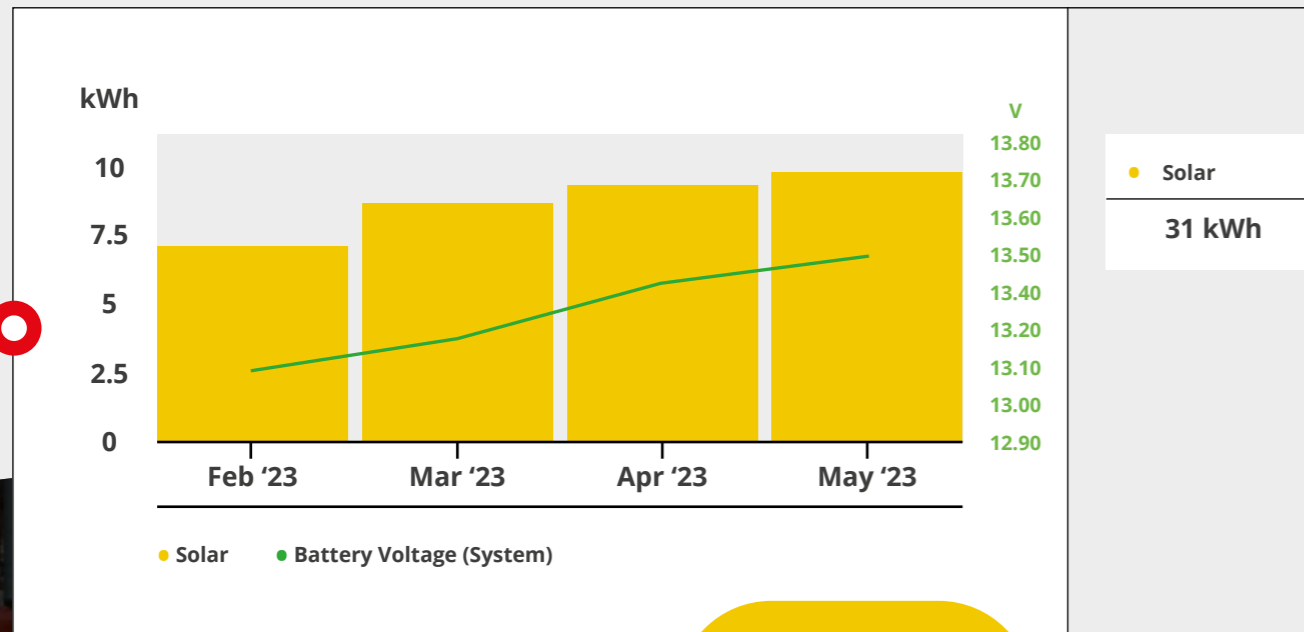


Key Benefits

- Improved health and safety: less time on site working next to live lanes
- Replicating permanent signal layouts with traffic and pedestrian signals on the same post
- Up to 50% more efficient at reducing traffic congestion with Multiphase ADS
- Improved overall running cost
- Reduction in carbon emissions
- Connect to UTMC for local authority control and ultimate efficiency
- Proactively monitor signal functionality and battery levels with SRL Telematics

Find out more about SRL Telematics on page 29

Proven Performance with Solar Power



CO2 reduction

The above graph shows 31kWh solar energy produced over a four-month period from one signal (data retrieved from live customer trials), removing the need to undertake battery exchanges.

This delivers a CO2 reduction of 1139.28 Kg, equating to 3.7 Tons over 12 months. CO2 reduction assumes average site with eight units onsite.

Typically, battery exchanges would be completed at around 11v

SolarLight Signals with Pedestrian Capabilities

This versatile product is used for a range of traffic flow situations including pedestrian crossing facilities and junctions.

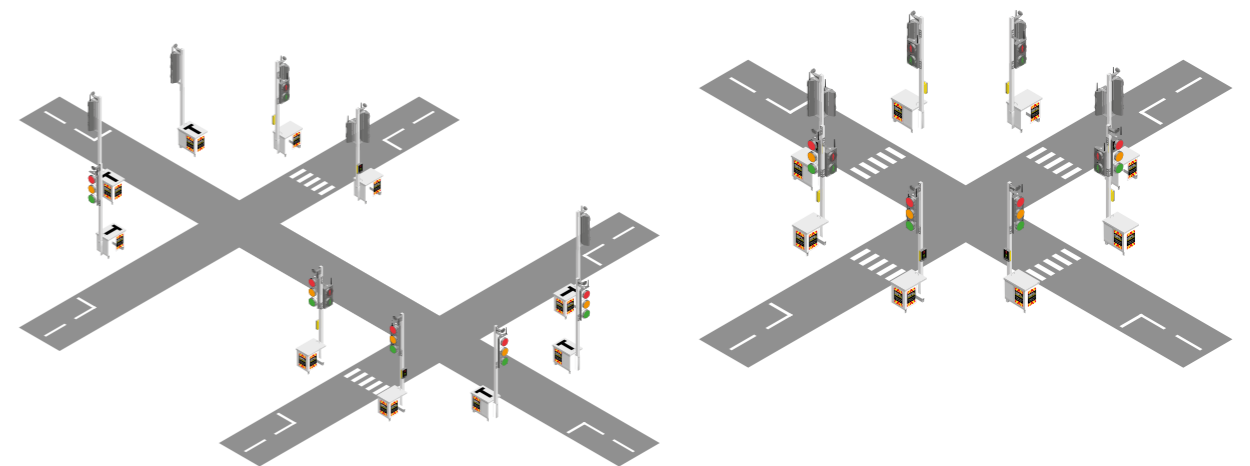
Key Benefits

- Can be used at junctions or as stand-alone
- Replicates the appearance of permanent signals for a more commanding semi-permanent appearance
- Traffic and pedestrian signals can be on the same post
- Both the traffic and pedestrian signals are the same height as permanents
- Tailor-made and assembled on site by SRL technicians
- 12v batteries capable of providing up to 14 days running time



Typical Temporary Road Layout Diagrams

View more diagrams at: www.srltraffic.ie/pages/temporary





SRL Telematics



Track the location, status, and battery life of your signals live on-site using GPS technology.

Available with contract hire only



Key Features

- Asset security tracking by fleet number
- Real-time location of asset
- GEO-fencing facility
- Anti-theft alarm facility
- Alarm for voltage drop
- Battery theft alarm
- Battery voltage display
- LED status monitor
- Enables you to plan battery exchanges



Key Benefits

- **Check the charge status of every signal in your fleet** at the touch of a button, enabling you to schedule battery changes when needed, reducing travel and fuel costs
- **Monitor the signal's cycle through Red, Amber and Green** and quickly assess if there's a fault, keeping you on top of any operational issues
- **Enjoy smart functionality like tagging and geofencing**, which sends instant alerts when signals move out of predetermined zone
- **Boost visibility with utilisation**, which sets a radius around your depot, so you can see the exact locations where assets are in action on live jobs
- **Track signal movements in real time and monitor unwanted interference**, preventing thefts and enabling you to keep your lights running smoothly and securely
- **Monitor all SRL assets in one easy to use system**, regardless of product type. That means you can conveniently monitor products like CCTV and VMS with SRL Telematics

Using telematics can be truly transformational for businesses.

To help you get the most out of our telematics software, SRL provides comprehensive training to contract hire customers.



Haul Route Systems

Haul Route PLUS®

The **Haul Route PLUS®** is an automated barrier control system which gives full control of road / access closure to both private sites and public roads.

As with our standard Haul Route Crossing, Haul Route PLUS® can have various timings and delays programmed, delivering site-specific configurations, removing the requirement for an operative to observe and control the system, improving efficiency and reducing costs.

What's more, Haul Route PLUS® utilises all-red cameras to create a safe area where the potential for conflicts can occur, thereby improving safety for workers and members of the public. The solution integrates multiple barriers with various timings and portable VMS to create a safe and fully automated system.



Highways
AWARDS

'Product of the Year 2023'
WINNER

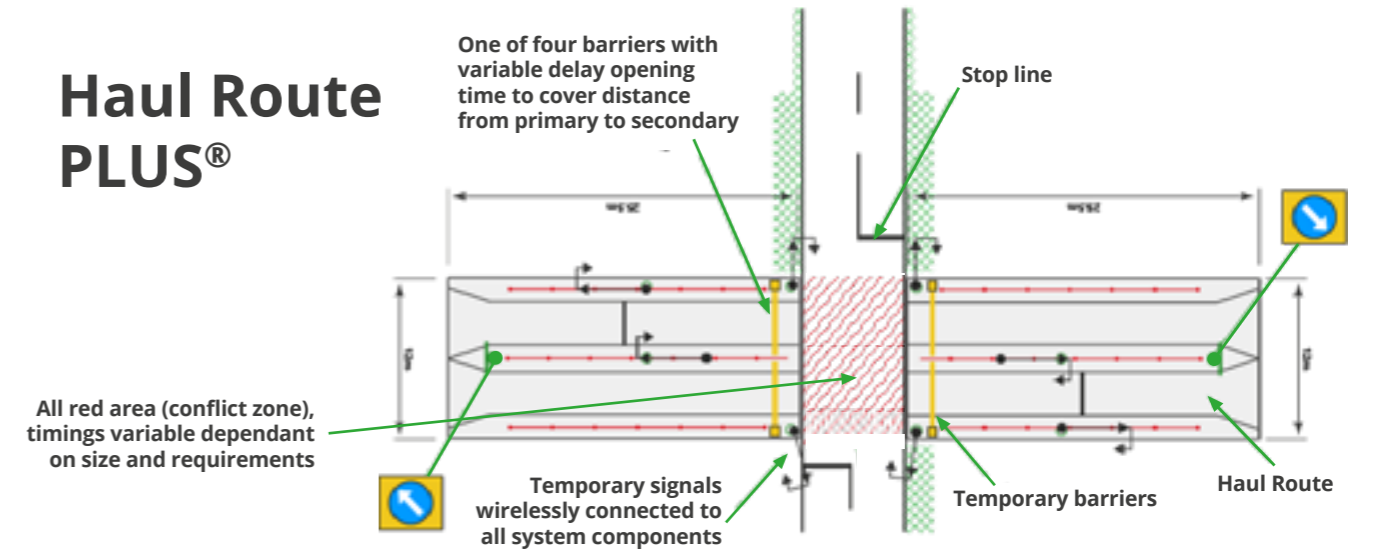


Haul Route PLUS® automatically switches between the main road and haul route barrier system through detection of haul route plant vehicles. This is a wholly wireless process which prevents the need for manual activation.



The only plant crossing solution to automatically alter timings to accommodate plant vehicles.

Haul Route PLUS®



Wireless

The connection between signal and barrier is wireless, using an industry standard radio system which provides reliable, consistent communication across short or long distance across any crossing setup or design.



Integration

VMS can be integrated into the system for audit / data gathering purposes, as well as to provide live information on barrier activity.



Timers and delays

All timers and delays can be changed according to the layout and size of the site. A barrier can be delayed in its movement once a red signal is given and delayed in its movement once a green signal is given. The all-red period is configurable depending on the area size and requirements, providing supreme adaptability.



All red detection

Each signal on the automated barrier control system is fitted with an all-red detector, using the unique technology of SRL's Multiphase ADS. This detector ensures that the conflict area is always monitored and prevents early green and barrier movement in the event of a vehicle breaking down, moving slowly or stopping, providing a major safety advantage over comparable systems.



Dual barrier system

Multiple barriers for each approach can be used improving safety and allowing for increased access control.



Solar power **NEW**

Introducing solar panels into Haul Route PLUS® means you can expect to change batteries once per year.

An Award-Winning Solution from SRL

A major contributor to the building of the Aberdeen bypass 2015 to 2018, our original Haul Route Crossing system is a very similar system to Haul Route PLUS®, providing a simpler solution for shorter or less complex projects.

Our Haul Route Crossing system does not integrate security barriers, as standard.



What's the difference between Haul Route PLUS® and Haul Route?

	Haul Route PLUS®	Haul Route
All red detector	✓	✗
Dual barrier system	✓	✗
VMS integration	✓	✗
Wireless	✓	✗
Freely configurable programme	✓	✓
Part time signals	✓	✓
Day-night / weekend programme	✓	✓
Remote monitoring	✓	✓
CCTV	✓	✓
Main drag priority	✓	✓
Handset control	✓	✓
Variable signal head heights	✓	✓

Haul Route PLUS®



Freely-configurable programmes

The system is simple to configure, radio-linked and capable of up to eight phases, complete with on/off timer programmable functionality including automatic on/off programme.



Part time signals

It's possible to set haul route crossings as part-time signals, allowing your operator to configure the signals to switch off and then back on at pre-set times as appropriate (up to four times a day).



Day-night / weekend programmes

Set up to six different max times for each phase for the demands at different times of day.



Remote monitoring

A remote monitoring facility allows you to see the status of the signals (red or green) from your PC or phone. You can also monitor the battery voltage.



CCTV

If required, there is the option of having CCTV mounted on the system.



Perfect for large developments

The system is specially designed to work well in large workplace developments such as HS2.



Main drag priority

The system can be set to have the main drag on permanent green until a VA is activated on a side road.



Handset control

The system can be remotely controlled from a safe distance by an on-site operative using a handset.



Variable signal head heights

The system's heads can be set at different heights to accommodate different vehicles.



Add ons

Push button facility to activate the lights stop line detection to enhance usability.



Security Barriers

NEW to SRL



RiseMaster HE

A fully autonomous, off-grid, solar powered automatic boom arm barrier system.

RiseMaster HE is free-standing and rapidly deployable and is incorporated with photovoltaic panels. No road crossing cabling is required.

The RiseMaster HE is a robust solution, suitable for long-term deployment, which is incorporated into our Haul Route PLUS® intelligent crossing system, and integrated with our SRL Solar PLUS® temporary signals.

Zero Carbon emissions over 10-year life cycle

Key Features

- Continuous flanged post made from high strength steel
- Off grid solar powered, no electrical supply required
- 4G Wifi connectivity
- Up to 3000 daily cycles ultra variant
- 8m max span dimension
- Continuous powering of LED boom strip lights (red/green)
- Intelligent force limitation
- WiFi Access control
- No electrical supply required



Instaboom

Instaboom is the first solar/hybrid, instant deployment, work zone protection vehicle barrier.

Working in partnership with Solar Gates, the award-winning manufacturer of solar and hybrid powered barriers, gates and bollards for security.

Many of our traffic management customers have the perpetual challenge of ensuring safety for their teams on the road. Instaboom provides constant security whilst at the same time reducing the pressure on manpower.

The Instaboom barrier is fully HSE compliant, UKCA marked and completely mobile, with remote telematics as standard, perfect for use on highways and SMART motorway projects.

Key Features

- Rapid install – can be deployed by one person in seconds
- Closures – instant road closure for construction, highways and GS6 over height protection
- Simple – 800m radio fob and quick collapse boom
- Reliable – solar powered up to 150 times a day/night
- Hybrid – up to three weeks without exchange during summer months and 2 weeks during the winter

Upgrades

- Key code, swipe or GSM access
- Overhead protection
- Mains top up



Instaboom is optimal for quick and easy install. SRL recommend this product for short-term works (just like our portable signals).





Variable Message Signs (VMS)

SRL's high impact, full colour matrix signs offer the choice and flexibility of using any colour in the spectrum in addition to standard amber.

VMS are used to support traffic management on major roads improvement schemes, urban street works, school zones, road safety campaigns and anywhere that speed enforcement is required, as well as for event management and brand advertising. SRL have three different sizes of VMS in our fleet. All three are versatile, easy to set up and operate, and highly reliable under all conditions.

The only mobile VMS designed and manufactured purposely for Ireland.



Smart Portable Messenger

Primarily used on roads where speeds are less than 60mph, ideal for use within live work sites and closures.



Key Features

- Fully portable
- Simple to use and set up
- Real time information for road users
- Increased safety for road works and road users
- Speed detection and display
- Speed activation
- GPS security tracking
- CE Certified to EN 12966" &" add "Registered to TOPAS 2516D
- Freely programmable by the user or SRL
- In built data collection radar
- Uses individual lenses to eliminate reflections and glare



Easy To Update

Connect to your existing UTM system or Zephyr, adjust using SWARCO's simple to use interface.



Unrivalled Eire Coverage & 24/7 Support

With Dublin as our core hub, we can provide responsive delivery and support across the length and breathe of Eire.





Variable Message Signs

Smart Messenger

Smart Messenger has a compact footprint designed for inner city and urban works as well as a screen size enabling use for any single carriageway roads and dual carriageways with speed zones up to 60 mph.



Key Features

- Live journey time functionality, up to two routes per sign, display automatically updated
- Sign management from your existing UTMC system or Zephyr – SWARCO's hosted sign management system
- Radar speed activation built in
- Full colour, full matrix sign – any symbol, any colour
- Uses individual lenses to eliminate reflections and glare
- Display in upper or lower-case text in any colour
- Trailers under 750kg
- Exceeds all standards for highway deployment
- Nationwide field support
- Electric powered height adjustment with 360° sign rotation
- Telescopic jacks for easy levelling
- DVSA type approved trailers
- In built data collection radar
- Up to 14 day running time



Approvals

- CE Certified to EN 12966
- Registered to TOPAS 2516D



Smart High Speed Messenger

Our biggest VMS, primarily used on roads where speeds are greater than 60 mph, but can be used on lesser speed roads if required.



Key Features

- Live journey time functionality, up to two routes per sign, display automatically updated
- Sign management from your existing UTMC system or Zephyr – SWARCO's hosted sign management system.
- Electric powered height adjustment with 360° sign rotation
- Full colour, full matrix sign – any symbol, any colour
- Uses individual lenses to eliminate reflections and glare
- Display in upper or lower-case text in any colour
- Trailers under 1400kg
- Exceeds all standards for highway deployment
- Radar speed activation built in
- Nationwide field support
- Telescopic jacks for easy levelling
- IVA tested trailers
- In built data collection radar

All required battery exchanges are undertaken by SRL.



Approvals

- CE Certified to EN 12966
- Registered to TOPAS 2516D





CCTV

SRL's portable CCTV cameras offer fisheye 360° panoramic view with quad view, for complete peace of mind. There's no compromise on quality with our 12mp sensor. Users also benefit from a true 'fit and forget' solution – you don't need to worry about carefully positioning the camera, you can rest easily knowing every degree is covered.

Our CCTV delivers 1080p full HD visuals and a Starlight CMOS (Metal-Oxide Semiconductor) image sensor to capture imagery during overcast conditions with maximum light sensitivity. It's also IP65 rated, so you can be confident of its performance in all-weather conditions.

In challenging environments where network coverage can be problematic, our portable CCTV cameras use a multi-network roaming SIM, further enhancing reliability and, ultimately, site security and safety. SRL also offer remote support for CCTV, enabling us to troubleshoot and monitor analytics remotely.

Easy to deploy with a one-button operation, SRL's portable CCTV can be configured alongside multiple portable cameras to create a single, scalable system. With a 3.5m retractable mast, our CCTV can be easily transported to site and moved around, but also offers great visibility of the surrounding areas.

What's more, our CCTV includes SRL Telematics to provide battery status and location, because we believe knowledge is power. The system enables users to configure trigger alerts to receive real-time updates on location, battery status and more.



CCTV + BEACON

The same as our core CCTV system but with the added benefit of a network strobe siren, this product has the ability to produce both strobe lighting and alarm sounds in one device.



Find out more about SRL Telematics on page 29

Portable CCTV



Key Features

Secure remote access

- Access SRL portable cameras in remote locations via smartphone or PC using 4G connectivity
- Secure communication using multiple levels of authentication to establish encrypted communication between a client and the cameras

Guard suite analytics

- Enhance security on your premises or site
- Improve responsiveness with motion, intrusion and loitering detection functionality
- Intelligent algorithms and filters help reduce false alarms

Zipstream technology

- Reduced bandwidth and storage without compromising on detail

Health monitoring

- Health monitoring continuously relays system status information to SRL's technical team, ensuring your system always runs at optimum efficiency

Useful features

- Rapidly deployable
- 30-day continuous recording
- Scalable solution enabling multiple portable cameras to be viewed on the same system
- 2tb industrial grade SSD hard drive
- 12 MP dome with 360° panoramic view in all light conditions
- IK10 rating for protection against vandalism



Key Uses

- Events
- Site security
- Personnel security
- Road closure points
- Traffic monitoring





Switching Service

CoverMe

Switching from permanent to temporary traffic lights so that roadworks can be undertaken, can be time consuming, expensive and involve several journeys to and from site, increasing carbon emissions.

CoverMe Signal Bags from SRL have revolutionised the process making it significantly more efficient, cost effective and environmentally friendly.

The smarter way to switch

Made from PVC, our CoverMe Signal Bags are manufactured to a patented design that allows a solid top cover to open out and attach to the traffic signal head 6m above ground level using an extension pole and secured using bungee cords.

Visually striking, CoverMe Signal Bags make it clear to road users that permanent lights are no longer in use and have been designed in full compliance with the Chapter Six requirements. What's more they can be deployed from the ground by SRL personnel already on site, removing the need for a separate signal engineer to attend and reducing the potential for costly delays.



Key Benefits

Improved safety

- No need for work at height

Reduced costs

- SRL service approximately 50% cheaper than separately arranged decommissioning service

Visual inspection

- Permanent signals inspected as they are turned off and turned back on

Reduced carbon emissions

- Fewer visits to site needed

Full compliance

- With Chapter Six traffic control/associated equipment requirements

Reduces delays

- No need to wait for signal engineer to decommission permanent lights



About SRL's Switching Service

SRL site personnel have been specifically trained for cabinet access to permanent lights and are therefore able to provide a switching service to decommission permanent lights while roadworks are undertaken and turn them back on once the project is complete.

They also perform a visual inspection before lights are turned off and again once they've been turned back on. This service eliminates the significant delays experienced waiting for a signal engineer to arrive.



Urban64®

Urban64®

Brought to you by SRL Traffic Systems, the Urban64® intelligent temporary system is the first, and only, standalone temporary traffic light solution to feature MOVA technology, enabling site bespoke layouts for the safe flow of vehicles, cyclists and pedestrian traffic during construction phases.

Urban64® is also the only intelligent temporary system to use MOVA (Microprocessor Optimised Vehicle Actuation), a sophisticated traffic control strategy, specifically designed to maximise operational efficiency of a junction.

Urban64® can replicate preceding permanent systems but because cabling is overhead it can be implemented quickly and safely whilst permanent equipment is removed. It delivers cost certainty, promoting traffic efficiency and safety, and the flexibility to adjust layouts in line with the project development.



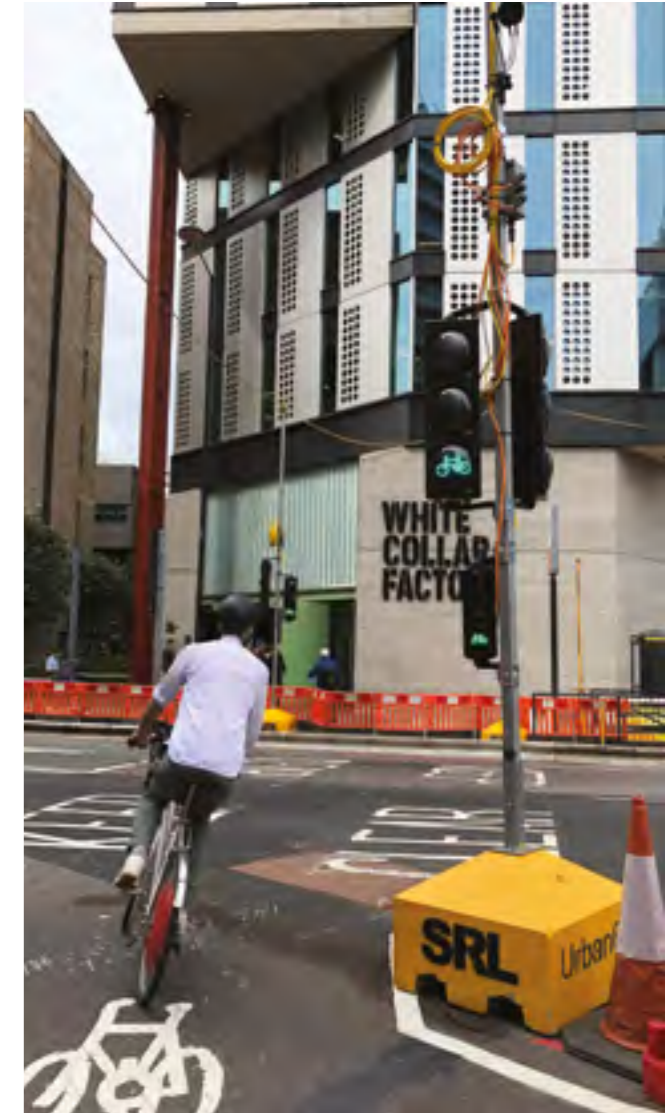
Why choose Urban64®?

Urban64® is a flexible, cost effective solution which adapts aligned with your projects.

- ✔ **Potential reduction in timescale** (compared to traditional Poles-In-Barrels approach)
- ✔ **No cabling through ducting required**, all cables run overhead a minimum of 6.5m above carriageway, away from ongoing works
- ✔ **No maintenance of the existing permanent signals** whilst under refurbishment. All permanent infrastructure (cables, poles, signals, loops) can be removed from site
- ✔ **Improved site safety** as no working around live cabling at low-level
- ✔ **Replication of the method of control of permanent signals**, or a more suitable bespoke configuration to suit the ongoing works
- ✔ **No batteries to change** - secure 48v cabling and data cabling derived from mains feed
- ✔ Ability to **adjust layouts within a short time** as schemes change throughout their construction stages

Approvals

- TOPAS Registered to 2500A



SRL Support

From initial concept to completion, SRL offers bespoke layout designs to suit the temporary works including; full installation, maintenance, decommissioning, inspections and site visits





Key features & benefits



UTC / UTMC Connectivity

UTMC helps coordinate the system with nearby permanent sites, with remote monitoring.



Overhead Cabling

Taller posts than traditional and portable traffic lights (minimum 6.5m above the carriageway) gives high usability and promotes safety and efficiency and is suitable for high-speed motorway junctions.



Walk with Traffic Pedestrian

Enables traffic and pedestrian movements to operate simultaneously where possible, providing maximum junction efficiency and safe operation.



Conditional Phase Appearance

Enabling split phase, early start, early cut-off and conditional appearance concepts to maximise the junction efficiency and flow.



Secure 48v Cabling and Data Cabling

With no batteries, Urban64® avoids the risk of battery failure and battery changes, promoting low maintenance and efficient operation.



Indicative Filter Phases

4-in-line or 5-in-line signal options where required.



MOVA Capability and Licensed

The dynamic strategy for adapting green times for unpredictable and heavy traffic flows.



Up to 64 Signals

Urban64® can incorporate up to 64 sets of traffic lights in comparison with circa 20-39 in more traditional portable solutions, making it suitable for very large projects.



Four Streams per Controller

Enables up to four traffic streams to be simultaneously controlled via a single master controller for superior efficiency on more complex sites.



Remote Monitoring

Remote monitoring and control via a 4G router, directly interfacing with the controller LCD display.



Programmable Timetable of Max Sets and Plans

Enabling changeable timings for AM peak, PM peak, Off-peak etc for optimum performance.



Cyclist Phases

Enabling the use of low-level cycle signals.



Urban64® Accessories



CCTV

- Complete fisheye 360° panoramic view with zoom, or quad view
- Maximum resolution 640x480 pixels, special model 1280x1024 pixels available
- 10x digital zoom



Pedestrian Countdown Timer

- A countdown timer is available alongside the Green Man aspect
- Research shows such a timer increases pedestrians understanding of Pelican crossings and therefore their safety



Cyclists "Head-start"

- Small red/amber/green cycle signal
- Mounted at a lower height for easy cyclist visibility
- Aimed to give cyclists a head start before vehicles in order to increase cyclists safety in difficult conditions



Video Detector

- Used to separate filter lanes
- Direct visual verification of presence zones
- Allows exact positioning and verification of the vehicle presence detection zones
- As these zones are displayed on a video image, they are easily repositioned to make allowances for changing traffic situations



Box Signs

- 300x300mm regulatory box signs available as a 4th aspect beneath the green LED. Options including: No right turn, no u turn, ahead only, turn left, turn right
- Secret signs can be programmed to illuminate for set periods TrafiCam Intelligent



Installation Offsite Build

Our new Urban64® offsite build installation process offers up to 40% reduction in install time, delivering cost reductions, enhanced reliability and increased efficiency.



Significant Time & Cost Savings

The greatest time savings are evident in sites of 18 signals or more where installation would typically take two nights previously.

The condensed installation period positively influences the overall project timelines and reduces associated traffic management costs and requirements (saving time and money).

Furthermore, we have reduced our installation fees by 25% as a result of offsite build.

Improved Efficiency & Accuracy

With offsite build, our experienced team is able to conduct thorough testing in our specialist Urban64® centres before the commissioning team arrive on site, saving valuable time and reducing the likelihood of delays on site if anomalies are identified. Minimal disruption occurs due to fewer nights and less vehicles needed for install.

Reduced Risk

Offsite build reduces the number of installers working onsite down to four or five (previously seven) and the time required for install, meaning less people, working for less time next to live lanes and roads.

Offsite Build Installation Process

SRL's **NEW** offsite build installation process is made possible with newly designed blocks and poles which facilitate a more efficient way of transporting the system to site, and thereafter the install and commissioning.

Previously, poles were transported horizontally. Once on site, signal heads and cables were attached to poles, which were then placed in blocks. Cabling was then connected with the help of a cherry picker.

The new design means poles are modular and placed into blocks before transportation. The modular design enables Urban64® poles to be collapsed into thirds and cabled (with signal heads attached) at a specialist Urban64® centre before going to site.

Next, the blocks, poles and signals are transported, ready to be installed quickly and safely on site upon arrival.

Once on site, the blocks are placed into position and each pole is simply assembled to full height. Signals are then connected, before commissioning can occur, reducing installation time by up to 40%.



“

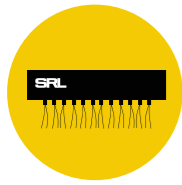
There's nothing like Urban64® out there on the market. It is the only temporary system that has intelligent technology to allow for efficient phasing of traffic and pedestrian systems. This makes junctions flow better, eases road user frustration and reduces complaints.

Like every product in SRL's extensive range, Urban64® is robust and user-friendly and is backed by high levels of customer and technical support.

Ross Simpson

Contracts Manager at Highway Traffic Management

”



Accessories

As part of the SRL service and product offering we provide a range of accessories to further enhance your SRL experience.



Remote Control

With worker safety in mind, this useful hand-held device allows operators to remotely control traffic light and pedestrian phases within a 300m radius so users can control the system in a safe environment with a clear vantage point, away from the live road traffic.

Once set up, the remote control's standard configuration controls up to five phases + ALL RED. Using the buttons on the device, operators can also turn 'manual control mode' on and off or send all phases to red when selecting 'ALL RED', at the push of a button.

In exceptional circumstances, SRL can convert the 'ALL RED' configuration into a sixth phase.

**Now available for both
EUROLIGHT & RADIOLIGHT**



Key Features

- Full weatherproofing
- Operate within a 300m radius
- Independently operate five phases + ALL RED
- Can configure to six phases, if required
- ALL RED feature
- Manual on/off feature
- LED feedback
- USB-C charging port
- Lightweight and rugged



Security

Available for sale and hire



Key Features

T-Bar lock

- Included as standard with posts with traffic heads
- SRL can supply unique coded keys to customers on contract hire upon request

Claw lock and key

- Mainly supplied with posts with pedestrian heads but they can fit over T-Bar locks on posts with traffic heads for extra security, and are available for hire on request

Secondary lock wrap around (with combination padlock)

- Supplied to fit around T-Bar locks on traffic posts for extra security and available to hire on request

Yellow box locks (with padlock)

- Designed to fit on controller boxes for traffic and pedestrian and available to hire on request



Claw lock



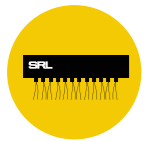
T-Bar lock



Secondary lock wrap around (optional extra)



Yellow box lock (optional extra)



Accessories

Charging Station

A fast performance charging station installed by SRL at your depot. The SRL charging station is specifically designed to charge SRL batteries to achieve optimal performance and a long life.



Key Features

- Capable of charging 12 batteries independently per 12 hour cycle
- Additional spare batteries can be supplied
- Full set of PPE, consisting of apron, gauntlet gloves, goggles
- Charger internally fused
- 230v / 110v
- Capable of storing up to 24 batteries



All trailers are for use with our standard size traffic lights

Trailers

SRL supply a full and comprehensive range of purpose built road trailers specifically designed for the SRL traffic light product range. Our trailers are designed to transport 2 to 8 signals

2-way Single Axle Trailer (750kg)



Key Features

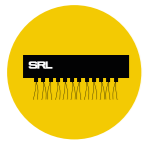
- Unbraked
- Single axle
- Security bar and clamps
- Galvanised construction kerb weight of 195kg
- Laden weight of 500kg
- Extended back-door ramps
- Prop stands
- Jockey wheel
- Tow eye (ball hitch available on request)
- Transports up to 2 signals



Dimensions

- L: 240cm (including drawbar)
- W: 190cm (including wheel arches)
- H: 175cm (to the top of the ramp)





Accessories

4-way Multiphase Trailer (1,150kg)



Key Features

- Braked
- Twin axle
- 2 Security bars and clamps
- Galvanised construction kerb weight of 430kg
- Laden weight of 1039kg
- Extended back-door ramps
- Jockey wheel
- Tow eye (ball hitch available on request)
- Transports up to 4 signals



Dimensions

- L: 325cm (including A frame)
- W: 204cm (including wheel arches)
- H: 175cm (to the top of the ramp)



6-way Multiphase Trailer (2,000kg)



Key Features

- Braked
- Twin axle
- 3 Security bars and clamps
- Galvanised construction kerb weight of 520kg
- Laden weight of 1434kg
- Extended back-door ramps prop stands
- Jockey wheel
- Tow eye (ball hitch available on request)
- Transports up to 6 signals



Dimensions

- L: 455cm (including A frame)
- W: 204cm (including wheel arches)
- H: 175cm (to the top of the ramp)

8-way Multiphase Trailer (2,000kg)



Key Features

- Braked
- Twin axle
- 4 Security bars and clamps
- Galvanised construction kerb weight of 430kg
- Laden weight of 1070kg
- Extended back-door ramps prop stands
- Jockey wheel
- Tow eye (ball hitch available on request)
- Transports up to 8 signals



Dimensions

- L: 500cm (including A frame)
- W: 204cm (including wheel arches)
- H: 185cm (to the top of the ramp)

Compact Trailer (750kg)



Key Features

- Unbraked
- Single axle
- 2 security bars and clamps
- Galvanised construction
- Kerb weight of 225kg
- Laden weight of 705kg
- Extended back
- Door ramps prop stands
- Jockey wheel



Dimensions

- L: 240cm (including drawbar)
- W: 190cm (including wheel arches)
- H: 175cm (to the top of the ramp)



SRL Ireland

HQ
Unit 40, Orion Business Campus
Northwood Business Park,
Ballycoolin, Dublin D15 P890, Eire
E dublin@srtraffic.ie
T 01 862 1093



Nationwide Coverage
24/7 Service, 365 days a year

We're there, **when you need us most**





SRL Traffic Systems Limited

Unit 40, Orion Business Campus, Northwood Business Park,
Ballycoolin, Dublin D15 P890, Eire

T 01606 738866

E hire@srldataffic.ie

E sales@srldataffic.ie

E vms@srldataffic.ie

E urban64@srldataffic.ie

www.srldataffic.ie

Version 9 | October 2024



@SRLTraffic

