

# Haul Route PLUS<sup>®</sup>





A bespoke automated crossing solution to keep plant vehicles on the move.



# INTRODUCING SRL HAUL ROUTE PLUS®

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

A solution that:

-  Improves safety.
-  Improves efficiency.
-  Reduces emissions.
-  Lowers maintenance and upkeep.

## Haul Route Crossing Systems

Haul route crossings enable vehicles and pedestrians to move around safely.

Each year within the construction industry, approximately ten people die as a result of being struck by vehicles on site. What's more, there are hundreds of preventable accidents and injuries. Improving safety on site starts at the design stage, and by controlling vehicle operations during construction work.

SRL's intelligent, temporary plant crossing solution puts safety at the forefront, and has a whole host of additional benefits. Haul Route PLUS® is an automated barrier system which gives full control of road access and closure to both private sites and public roads. Various timings and delay programmes deliver site-specific configurations, removing the requirement for an operative, improving efficiency and reducing costs.

Available on long-term hire, Haul Route PLUS® is ideally suited for contractors involved in major projects to help keep plant vehicles moving efficiently while improving safety. This effective plant crossing solution is made possible through the use of a dual barrier system, all-red detectors, timers and delays to create a safe area for workers and the public, reducing exposure to risk. Digital signage can also be incorporated with our VMS (Variable Message Signs), allowing you to communicate clearly and instantly with road users.

Haul Route PLUS® benefits from integrated solar panels on all system components, almost eliminating costly battery exchanges in their entirety – a huge plus, especially for sizeable construction sites. Haul Route PLUS® is not only a low maintenance solution, but it also removes the need for workers to man entrance points.

### Improved efficiency

Keep traffic flowing efficiently for longer and reduce vehicle idling, thanks to optimised timings that monitor the slowest moving vehicles.

### Enhanced security

Monitor and gather data about your site, and deter both vandalism and site ingress with a full 360°view CCTV camera.

### Complete control

Automated dual-barriers for plant vehicles provide increased access control.

### Improved safety

Each automated barrier is linked to an all-red detector which prevents potential conflicts and collisions.

### Low maintenance solar power

Eliminate costly battery exchanges with dual-aspect solar panels on traffic signals, and solar integration on all other system components.

## With Haul Route Plus®

It all adds up to a safer environment for all

Achieving a high level of safety with Haul Route PLUS® involves the application of sophisticated technology. Among the functions Haul Route PLUS® offers are:

### WIRELESS CONNECTIVITY

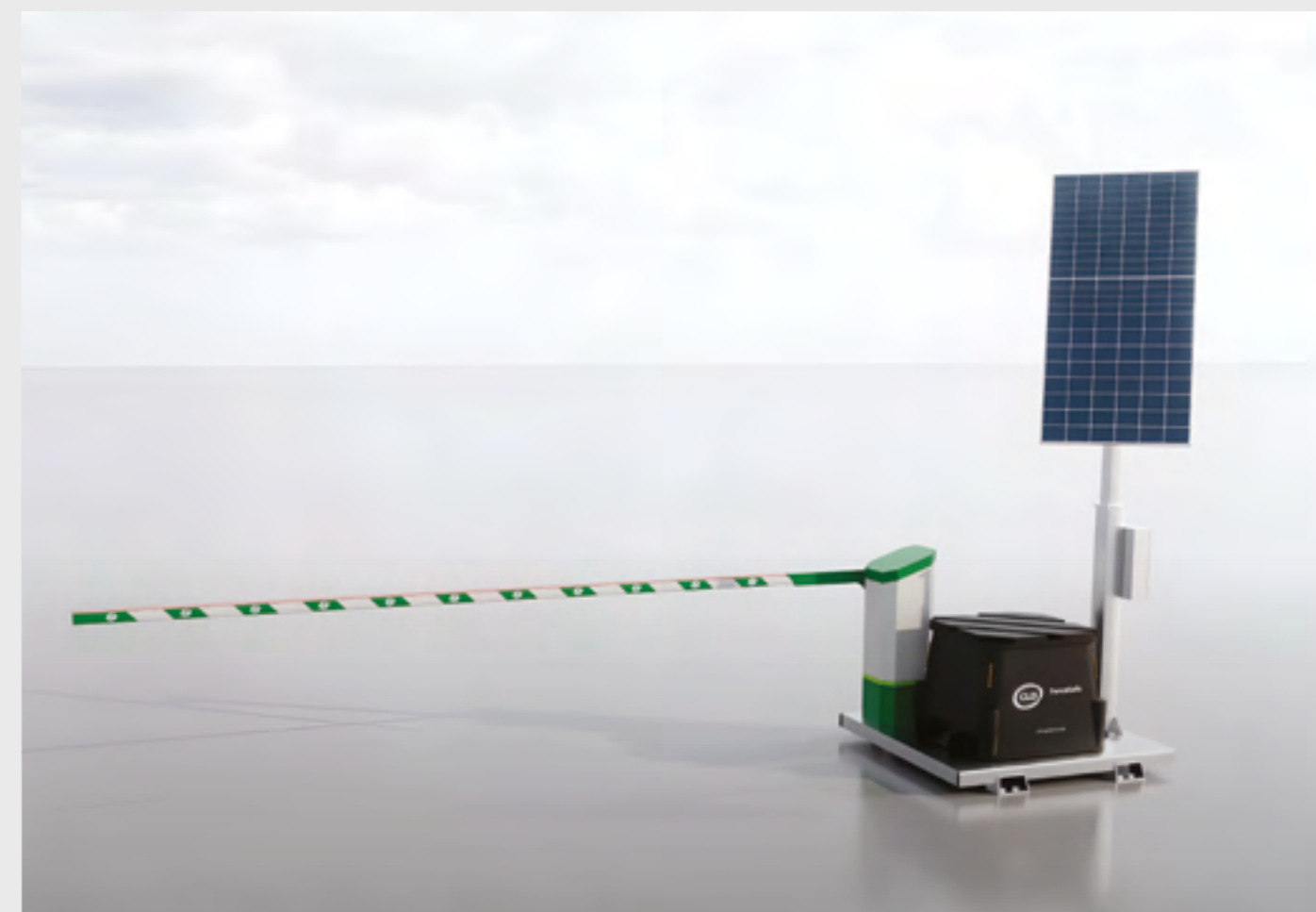
Using a radio system, the connection between the barrier and the controlling signal source is wireless, ensuring reliable, consistent communication across short and long distances – with any setup or design.

### SOLAR POWER

Top-of-the-range solar technology is used to power the Haul Route PLUS® solution, making it more sustainable than more conventional systems. Dual solar panels are used on our traffic signals to maximise the solar yield and reduce the frequency of battery exchanges, which helps to reduce emissions from maintenance vehicles. Solar technology can also be found in our VMS, portable CCTV and RiseMaster HE barriers. A solar set-up you can rely on.

### TIMERS AND DELAYS

Timings can be changed according to the layout and size of the site. A barrier can be delayed in its movement once a red signal has been given, likewise, it can be delayed in its movement when a green signal has been given. The all-red period is configurable depending on the area size and client's requirements, providing outstanding adaptability.



### DUAL BARRIER SYSTEM

Multiple barriers are used in each crossing, improving safety and allowing for increased access control.

### INTEGRATION

VMS and CCTV can both be integrated into the system. Temporary CCTV is used to gather valuable data to support site audits and provide live information about system activity. It also provides a highly visible deterrent that helps prevent trespass and intrusions on sites. Deploying CCTV on crossings enables contractors to monitor and supervise workers and improve on-site safety. Meanwhile, deploying VMS on public roads can help warn road-users of upcoming hazards, and encourage them to change their driving behaviour accordingly.

### ALL RED DETECTION

Each automated barrier is fitted with an all-red detector which prevents potential conflicts and collisions. The detectors ensure that the area of potential conflict is always monitored and prevents early green signals and barrier movement in the event of a vehicle breaking down, moving slowly or stopping – a major safety advantage over other crossing control systems.



## Take control with Haul Route Plus®

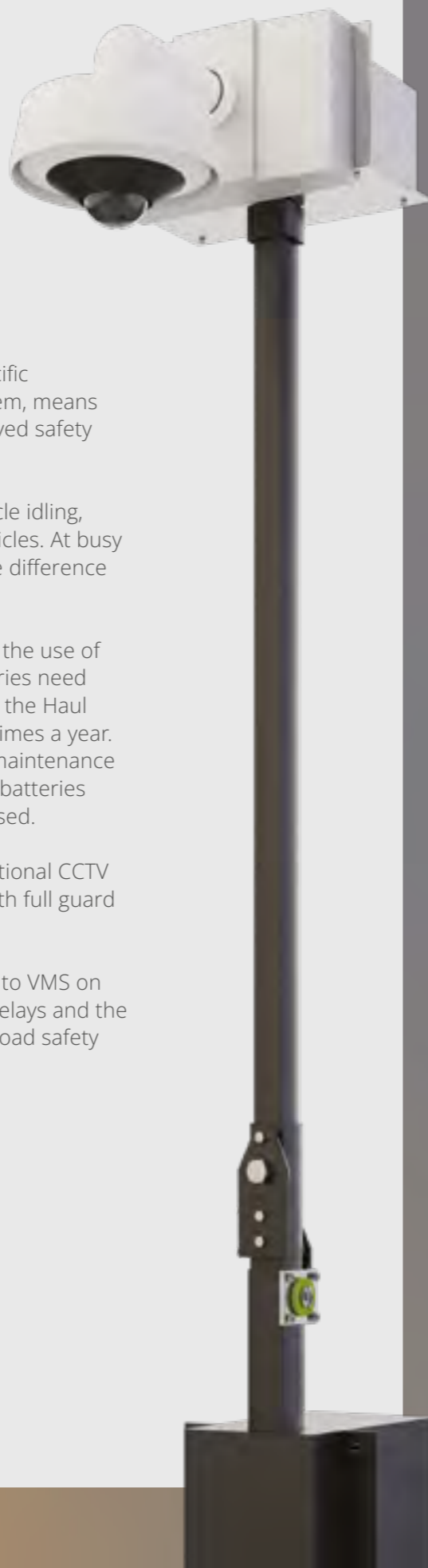
There's no need for an operator with Haul Route PLUS®. Site-specific configurations, combined with the automatic barrier control system, means that there's no need to supervise the crossing, resulting in improved safety and a reduction in costs.

You can keep traffic flowing efficiently for longer and reduce vehicle idling, thanks to optimised timings that monitor the slowest moving vehicles. At busy plant crossings with a high volume of traffic, this can make a huge difference to efficiency.

Battery exchanges are eliminated for months at a time, thanks to the use of solar panels that continuously refresh the batteries. Where batteries need to be exchanged weekly in conventional systems, those powering the Haul Route PLUS® solution only need to be exchanged as little as five times a year. This means a reduction in emissions, as there are fewer service/maintenance journeys to the site, less mains electricity is used to recharge the batteries when required, upkeep costs are reduced and reliability is increased.

Haul Route PLUS® comes with peace of mind. The inclusion of optional CCTV cameras gives all-round 360° coverage. Units can be deployed with full guard suite analytics, motion guard, fence guard and loitering guard.

Site information is clearly communicated to all road users thanks to VMS on all approach roads, informing drivers of any upcoming hazards, delays and the potential need to stop, making a huge contribution to improved road safety and reducing negative driver feedback.



## Delivering your **perfect solution**

A service offering with a difference

We understand that each project is different. That's why we take a number of steps to get to understand each individual customer's needs, familiarise ourselves with the project and the potential number and nature of plant and road vehicles that will be using the network.

From initial consultation, surveys, and multiple site visits, we build a custom solution to fit each individual customer's needs. Once installation of Haul Route PLUS® is complete, we will fine-tune the set-up to deliver maximum efficiencies and ensure that all appropriate stakeholders receive product training.

Our sophisticated UK-wide depot network means we're never far away. Our team is on hand 24/7 365 days a year to support our clients.

## Improve **efficiency** on every level

A system that minimises disruption

Programmed with site-specific configurations and automatically controlled, the system removes the need for an operator. Haul Route PLUS®, through its level of technical sophistication and responsiveness, enhances safety for all road users – on site and on public roads. Work-zone safety barriers and all-red detectors increase safety levels across the board, monitoring the potential conflict area and preventing early green and barrier movement.

## Making crossing safer for everybody

Enhance the safety of site workers, drivers and the public

Inherently safe thanks to the practicality, flexibility and reliability of Haul Route PLUS®, we can offer further features that enhance the safety of site workers, drivers and the public.

Among those safety features, the installation of VMS will communicate in real time the status of the crossing: unforeseen hazards, advising of the potential need to stop, the reason for any hold ups – information that reduces stress levels and keeps you in control.

Installing CCTV cameras can serve a multitude of valuable functions. They can monitor activities in and around the crossing, detect incidents in large areas, track the flow of people and improve area management. As one camera can provide the level of coverage that used to require several cameras, your installation and system costs are reduced.



## Taking control of emissions

Reduce emissions and increase sustainable practices

Haul Route PLUS® helps reduce emissions and increase sustainable traffic management. Every component of the automated traffic crossing solution incorporates solar panel technology. In fact, dual solar panels are used on our traffic signals to maximise solar yield.

This reflects our ESG policy in which we recognise the need to conduct and develop our business in a sustainable manner. It's a policy that is centred around achieving a circular economy.

This involves us in leasing, reusing, repairing, refurbishing and recycling existing products, which minimises the impact of our activities on the environment and which helps protect the needs of future generations.

Implementing our policy is the responsibility of all our people, and part of our policy is to help you achieve your ESG aims by helping you take control of the emissions produced by your projects.



“The system was used intensively and performed exceptionally well, minimising potential disruption to traffic on the extremely busy A3075 diversion route. Both Chevron and Costain were extremely impressed.”

**Martin Hebditch**  
Operations Manager  
Chevron

# SRL Haul Route PLUS®

The sustainable solution that  
keeps site traffic moving.

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To find out more about SRL Haul Route PLUS®  
visit: [www.srl.co.uk](http://www.srl.co.uk)

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