



smart
workzone hire



THE HIRE INNOVATION SPECIALISTS

Who are we?

Smart Workzone Hire is a market leader when it comes to smart workzone systems. We stand out for our knowledge in the roadside traffic equipment, ITS systems and the integration required to provide a smooth- running Smart Workzone.

As a business, we pride ourselves on customer service and high-quality equipment. We are a process-based business and our number one priority is the customer experience 24/7. Our team will always be available for you when you need us. Our business has been built as a hybrid between a rental company and ITS business and collectively has over 100 years' worth of experience spread across our team.

Smart Workzone Hire partners with Traffic Control businesses, Civil Contractors, Traffic Management Centres and the Road Authorities to integrate "Smart" workzones all across Australia.



Why SMART Workzone Hire?

- ✓ If you want to reduce crash frequencies.
- ✓ If you want to save time and money from lost time due to hold-ups onsite.
- ✓ If you want to make worksites safer for your road workers and motorists.
- ✓ If you want to reduce driver frustration and better inform motorists.
- ✓ If you want to reduce congestion on your worksite and allow for more free-flowing traffic.
- ✓ If you want to reduce congestion by encouraging motorists to take alternate routes.

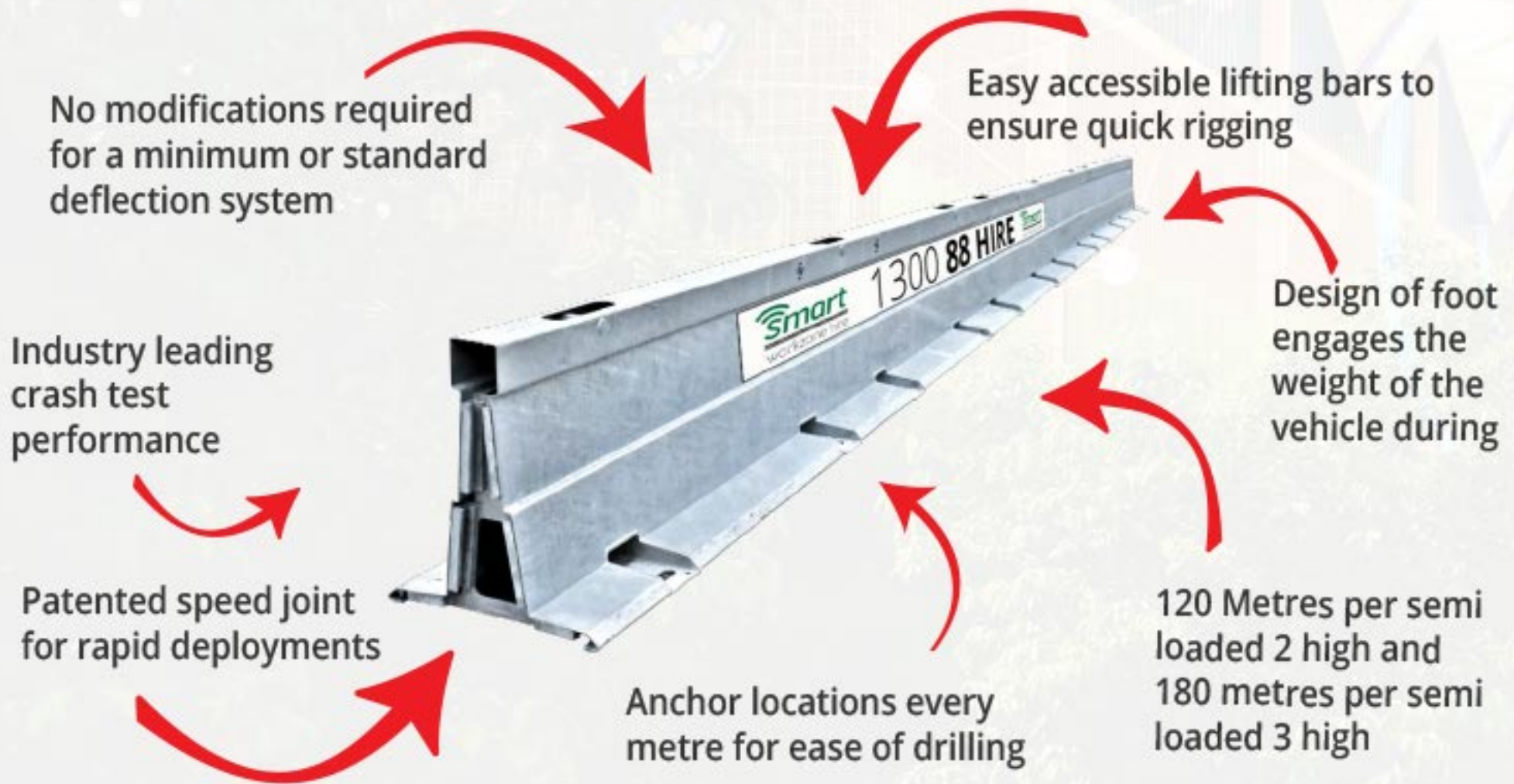
Our mission

Improve the safety of workers and motorists, whilst also improving the efficiency of incident management and reducing congestion delays at your worksite.

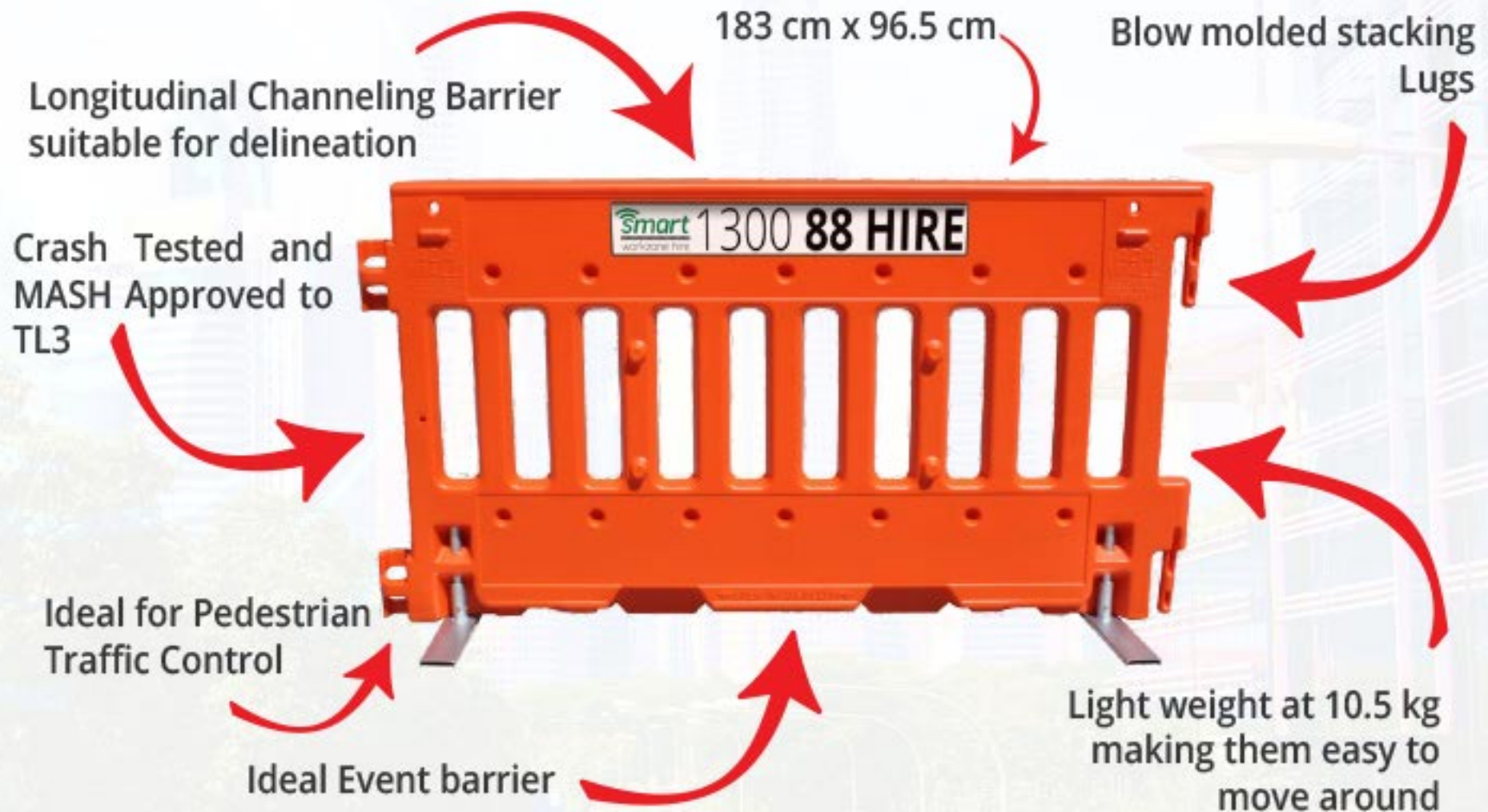
Provide your business with reliable and accurate information which can be used by motorists for making decisions.

Tailor our services to suit motorist and site worker needs using the latest technology.

Zoneguard Crash Barrier



Urban Wall



VMS Boards

Ultra high solar capacity with long run time

STREAMS compatible

Web-based control

Complies to the Australian Standards



SMART Gate / Traffic Light Systems

Fully solar powered. No need to recharge at the end of each shift

Long-range "SMART" receiver options

Shuttle, gate and manual operations

Vehicle actuation

Fixed time and variable phasing

Ramp metering options. Control traffic flow through highway work sites

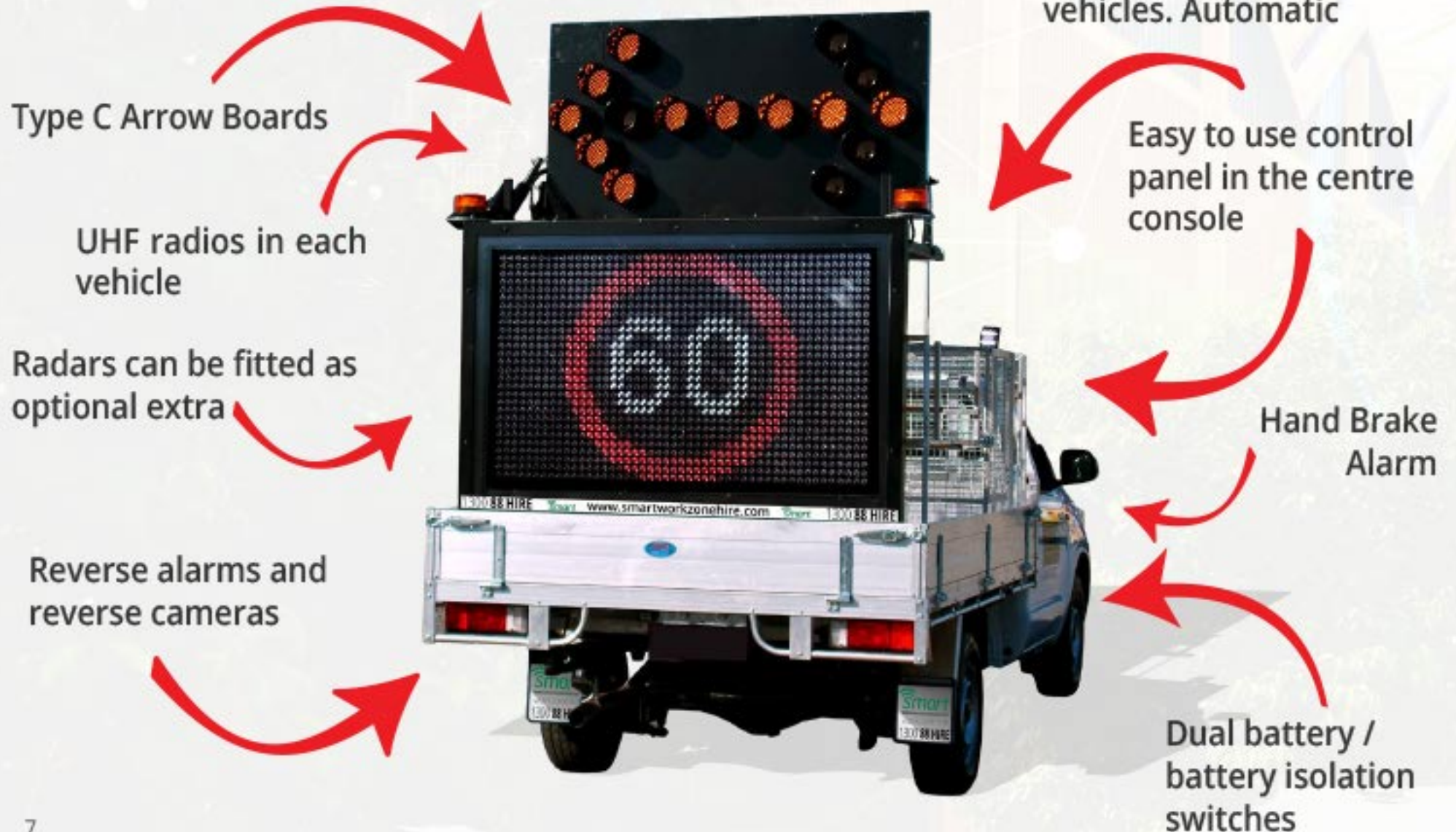
Up to six way grouping

Reduce the need for traffic controllers to be on roads near live traffic

Local DVR options to capture incidents



VMS Traffic Utes



Low Speed Water-Filled Crash Barriers

Can be used in work zones in all states at 50 km/h or under

Meets NCHRP 350 TL2 criteria for temporary longitudinal barriers

Can be used in most states at 70 km/h with a site specific risk assessment



Recyclable product

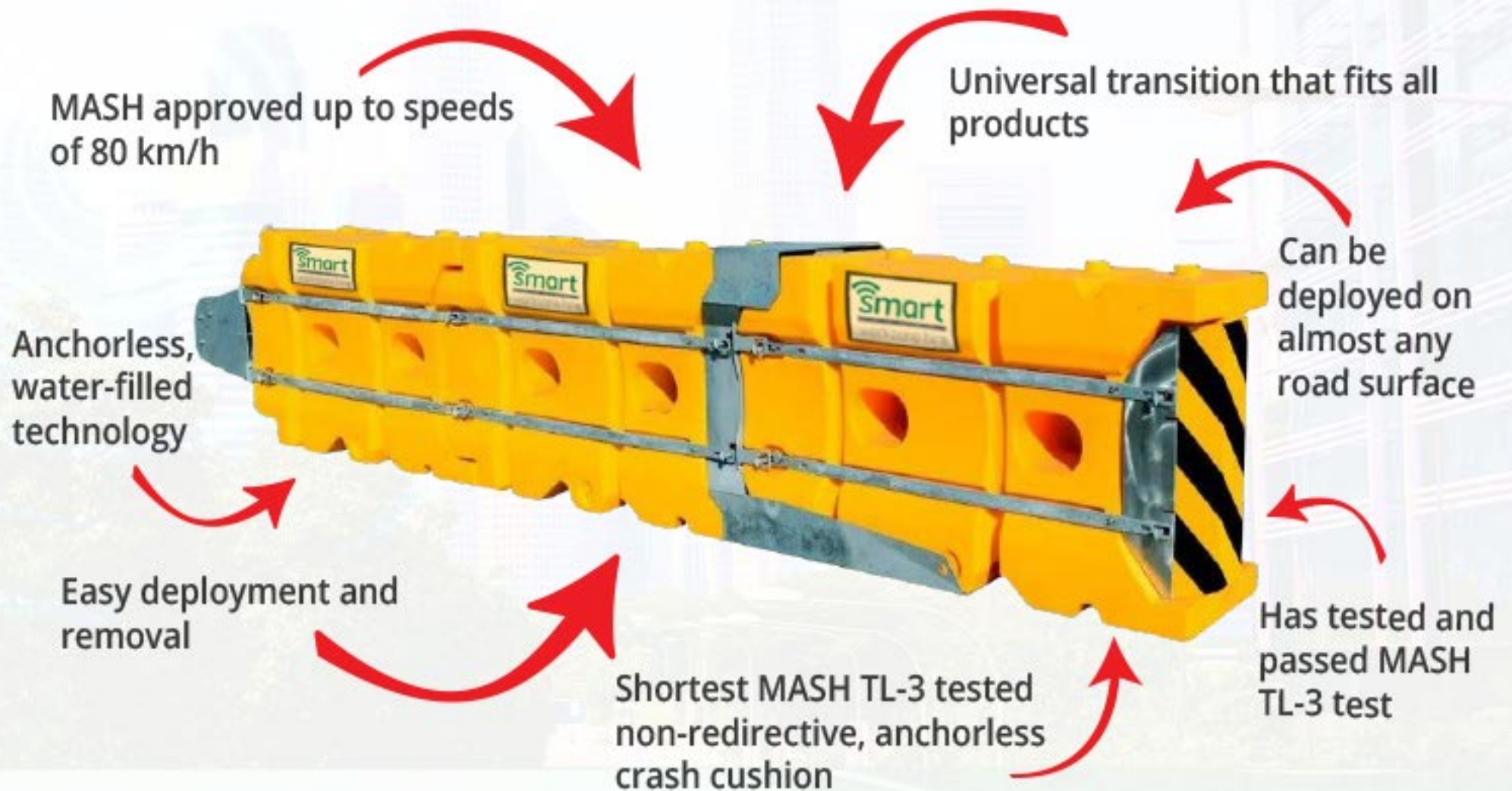
520 litres of water required per barrier

120 meters can be shipped per semi

High Speed Concrete Crash Barriers



Absorb M End Treatment



Portable Traffic Signals System (PTSS Type 1)

Fast, easy install

Over 20 hours
run time

Safe/reliable operation with safe
guards against tilt and rotation

APPROVED IN QLD,
NSW, WA & SA



Shuttle Mode
(1 remote - 2 signals)
One red, one green

Plant Crossing Mode
(1 remote - 2 signals)
Both red or both green

Gate Mode
(1 remote - 1 signal)
Either red or green



Variable Speed Limit Signs

Reduce traffic control set up times and increase on road productivity time

Speed changed manually through software or automatically through scheduling

VSLS signs are enforceable no different to normal enforcement signs



Alert drivers of potential hazards to match the prevailing conditions

Quick changeable signs that can change the speed of your work zone at the click of a button

Speed changes are fully recordable through logging technology

SMART Cube Lighting

345 degree mast rotation. 60 degree light tilt adjustment

5% dimming increments

9 meters height

Clean and quiet. Charge during the day for emissions-free and quiet night

Spark arrestor mesh, suitable for mine applications

Overhead lifting points and four-sided forklift access



Diesel Eco Lighting Tower

Certified wind stability
of 100 km/h

6 x 160 watt high-efficiency
LED lamps illuminating approx.
4,200m²

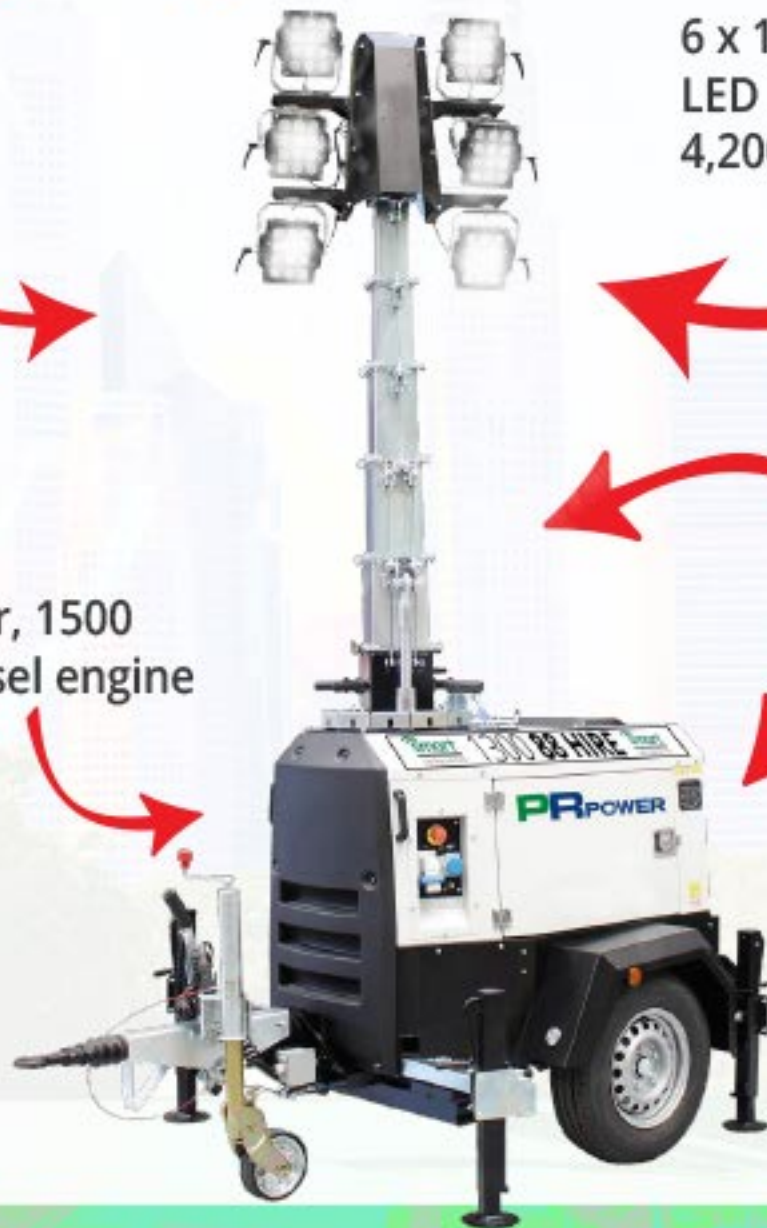
0.55 litres fuel
per hour

5 star work safe
vertical mast

Fuel efficient 2 cylinder, 1500
rpm, water-cooled diesel engine

62dBA at 7 meters
sound level

200 hours of
run time



Compound & End Treatment Lighting

Automatic day and night modes controlled by a PE cell

Flexible time setting system that can control the omitting lux for optimal light output throughout the night

Full solar-powered with battery back-up

Remote control option to reset the luminaire output

SMART Blocks



Great alternative in narrow footprint requirements

A red arrow points from this text to the base of the main pole structure.



Speed Advisory Signs

Speed changes are fully recordable through logging technology

Alerts drivers of their current speed and the advisory speed

Allows drivers sufficient time to slow down before passing workers or entering for a potentially hazardous roadway condition

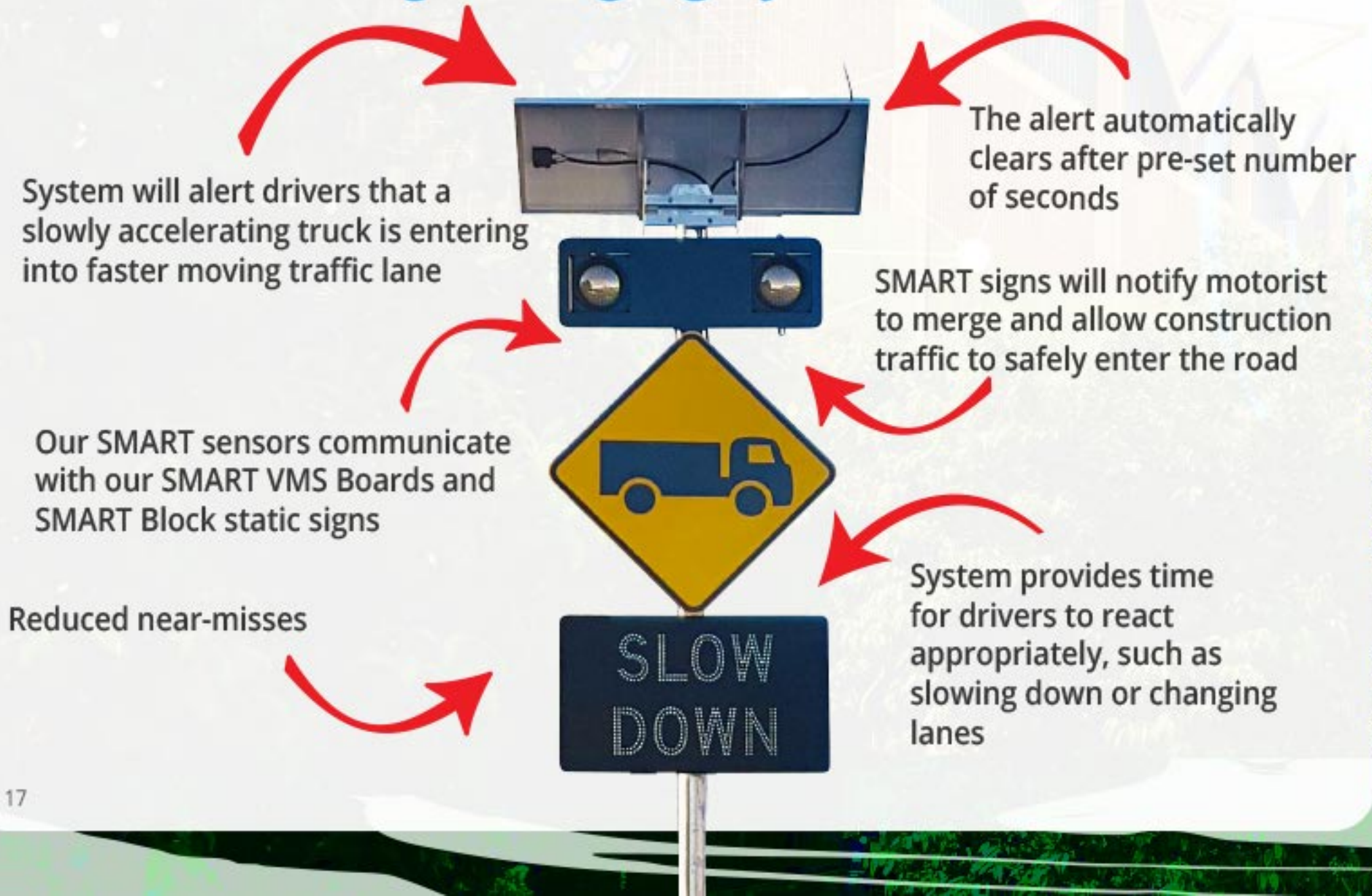
Alerts drivers that have inadvertently entered a portion of the work zone at a speed above the advisory speed limit



Workzone Cameras



Truck Entering / Merging Systems



Travel Time Alert System

SMART sensors communicate with SMART VMS boards and blocks with real time travel to motorists

System arms drivers with information which allows them to decide whether to change routes and advise others of their estimated arrival time

System informs drivers of the estimated travel time between their current location and specific beyond location

Informed drivers are safer drivers

Reduced driver frustration

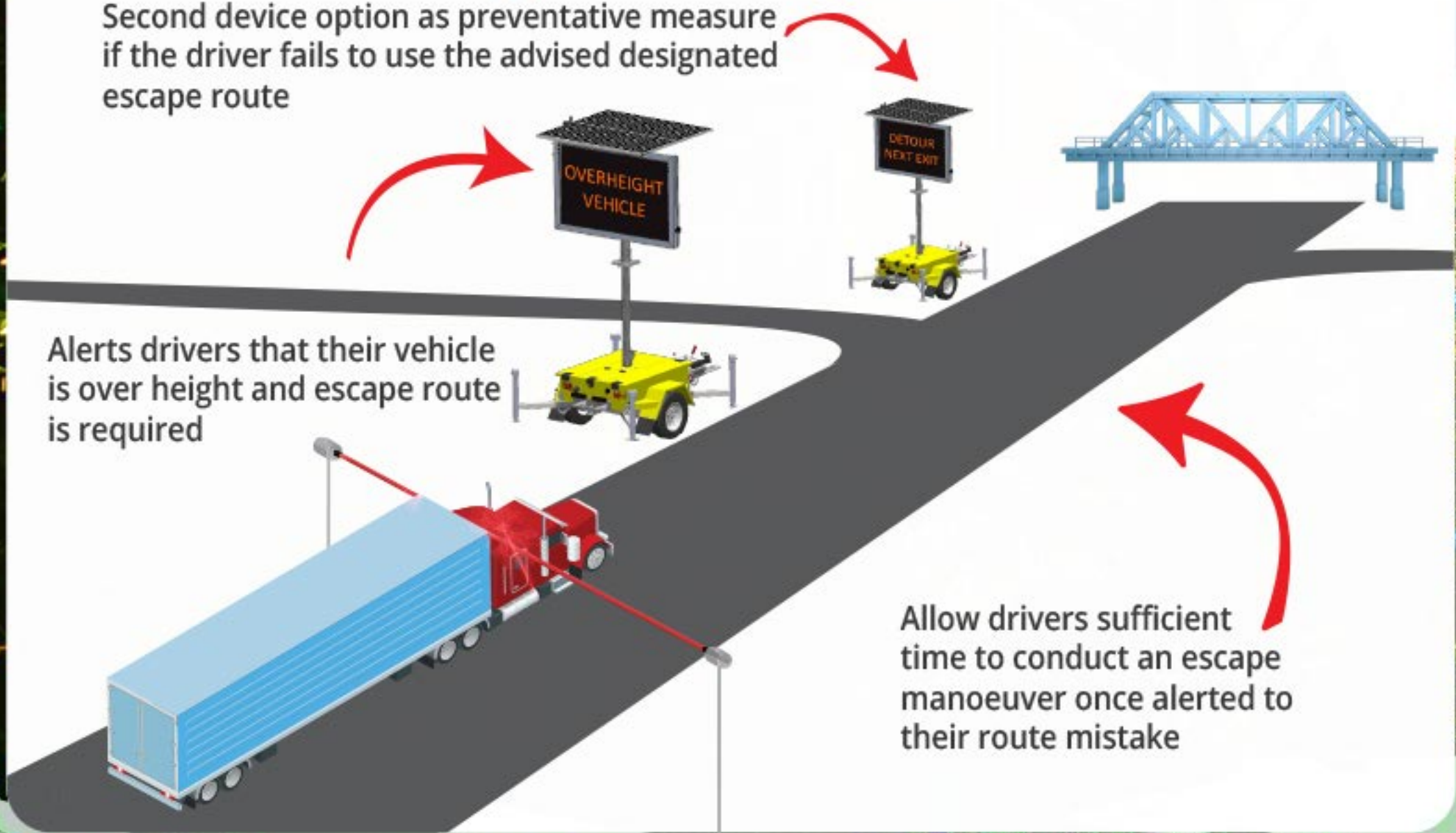


SMART Overheight Warning VMS & Blocks

Second device option as preventative measure if the driver fails to use the advised designated escape route

Alerts drivers that their vehicle is over height and escape route is required

Allow drivers sufficient time to conduct an escape manoeuvre once alerted to their route mistake



SMART Queue Detection VMS & Blocks

SMART sensors communicate directly with SMART VMS and Blocks

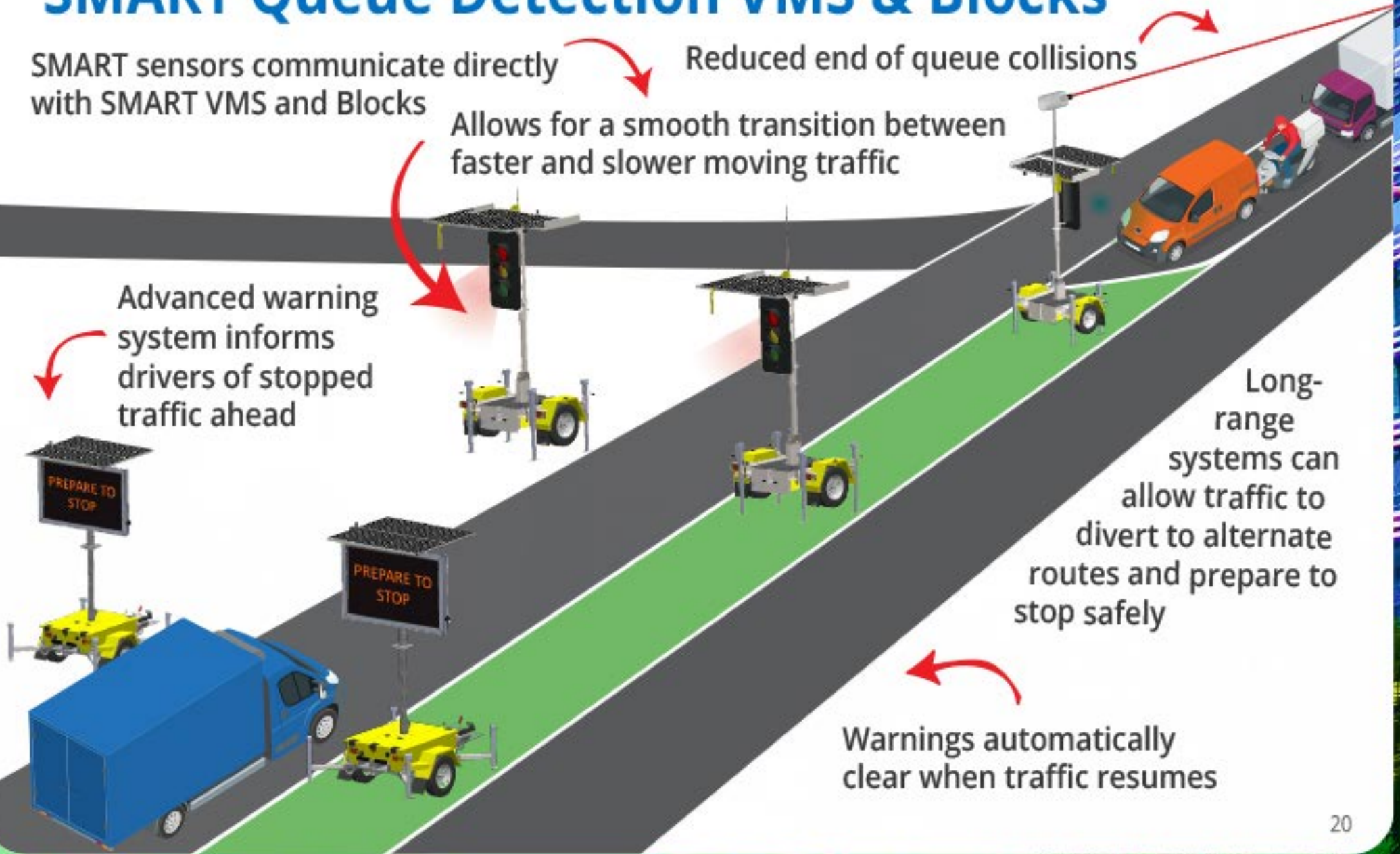
Reduced end of queue collisions

Allows for a smooth transition between faster and slower moving traffic

Advanced warning system informs drivers of stopped traffic ahead

Long-range systems can allow traffic to divert to alternate routes and prepare to stop safely

Warnings automatically clear when traffic resumes



SMART Driveway Management Systems

Direction changed manually through software or automatically through scheduling

Advise motorists which way traffic is flowing

Our SMART sensors communicate with our SMART VMS Boards and SMART Block static signs

Reduced near-misses



Travel Times Management System

Our SMART HOST system allow as real-time visualisation of traffic patterns by day, week or month to help you optimise your site layout and closure times.

Pre-planning for works looking back at historical data

Add as many users as you would like to have access to each work site

Automated SMS alerts provide early warning if traffic levels reach KPI levels. Can be sent to field staff giving early warning if traffic congestion starts to reach KPI levels.

Provide live journey time advice to inform road users and reduce the number of complaints

Establish construction baselines

Bluetooth and Crowd Surf options

Continuously monitor multiple detour options & direct road users to the fastest route, reducing pressure on the surrounding network.



OUR RANGE

- ✓ SMART VMS
- ✓ SMART Lighting Solutions
- ✓ SMART Gate - Traffic Light System
- ✓ Traffic Control Utes
- ✓ Queue Detection
- ✓ VSLs
- ✓ ANPR
- ✓ Driveway Management Systems
- ✓ Travel Time Reporting
- ✓ Work Zone Cameras
- ✓ Truck Egress Systems
- ✓ Speed Advisory Signs
- ✓ Over Height Warning Systems
- ✓ High Speed Crash Barriers
- ✓ Low Speed Crash Barriers
- ✓ Arrow Boards
- ✓ TMAs
- ✓ Pedestrian Barriers

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