

StreetVision

Reversing Safety Module



Reversing Safety You Can Stand Behind

Fleetclear StreetVision Reversing Safety is an AI-powered operational assurance module that turns the cameras already fitted to refuse collection vehicles into a continuous source of reversing safety intelligence.

Instead of relying on occasional supervisor visits or incident-led investigation, it gives fleet and safety teams consistent, data-led visibility of how reversing procedures are being followed across every collection round.

StreetVision reviews reversing manoeuvres in real time - identifying the presence and position of crew members, pedestrians, and required PPE. This live insight helps operators recognise unsafe practices earlier, prioritise intervention, and reinforce safer working behaviours.

Engineered for large commercial vehicles - refuse trucks, sweepers, HGVs, and more.



How it works

Reversing Assistant Monitoring

Confirms whether an identifiable crew member is supporting the reversing manoeuvre and remains visible within the camera view throughout. StreetVision highlights events where no assistant is visible, the assistant moves out of view, enters the vehicle's danger area, or the expected procedure may not have been followed - giving managers evidence to support targeted coaching and safer systems of work.'

Public & Pedestrian Risk

Identifies members of the public, cyclists, or other road users within or approaching the area behind the vehicle during a reversing manoeuvre. For safety and operations teams, this reveals how frequently reversing takes place near the public, which rounds or locations present recurring risk, and where route planning or working practices may need review. Keeping unnecessary people clear of reversing areas is a central part of HSE reversing guidance.

Crew PPE Assurance

Monitors whether crew members visible during reversing operations are wearing the required high-visibility PPE, distinguishing between high-vis upper-body clothing, trousers, and full or partial coverage. This helps operators identify patterns - such as crew wearing hi-vis trousers without the required top - supporting consistent PPE standards across routes, depots, and contractors. HSE guidance notes that personnel exposed to moving vehicles may require full-body high-visibility clothing, depending on the risk assessment and operating conditions.

The StreetVision advantage



Existing vehicle cameras - no new hardware, no vehicle downtime.



Three connected safety datasets - combines reversing-assistant visibility, public exposure, and crew PPE into a single operational view.



Route & location risk analysis - highlights streets, collection points, and rounds where public exposure or difficult reversing conditions occur repeatedly.



AI-powered analysis - Automatically reviews large volumes of reversing imagery and surfaces the events that may require attention.



WISH-aligned working practices - supports the monitoring and continual improvement of procedures relating to refuse vehicle reversing, pedestrian risk, and crew visibility.



Actionable intelligence - helps managers identify trends, prioritise intervention, and measure whether safety performance is improving.



Built-in privacy - Designed with privacy at its core, focused on procedures and outcomes, not individuals.



Continuous visibility - Extends assurance beyond periodic observations and low-volume manual checks.

StreetVision Reversing Safety Module turns routine reversing footage into practical safety intelligence, giving waste operators clearer visibility of crew behaviour, public risk and PPE standards.



See the risk.



Reinforce safer behaviours.



Protect crews and the public.