Asgard
Intelligent Video System

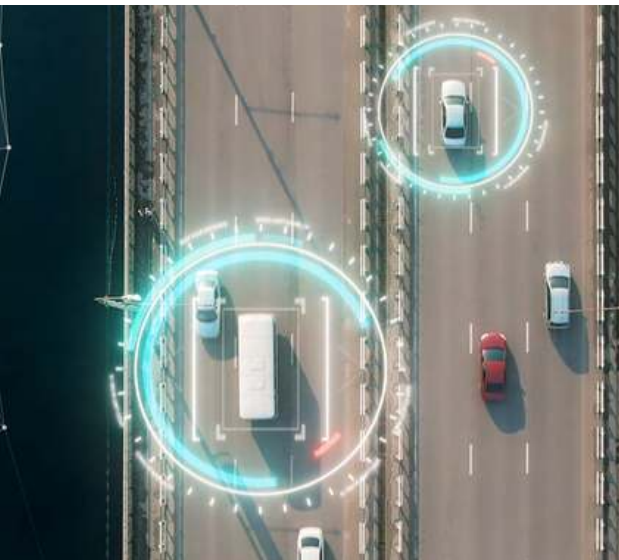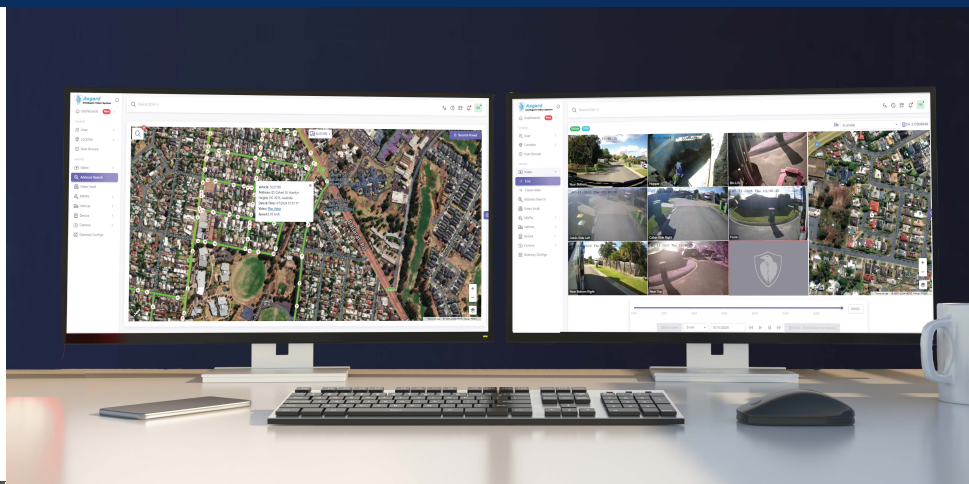# Smart Video Monitoring for Heavy Vehicles

✓ Powerful cloud-based platform
✓ Live and historic video footage
✓ Monitor, alert, report, respond
✓ Standalone or integrated into existing systems

What is Asgard?

Asgard is a cloud-based portal for viewing and analysing video footage from heavy vehicles.

It is compatible with the full range of Hikvision NVRs and DVRs, as well as IP and analog cameras.

Advanced Search Capabilities

Asgard is configurable to identify specific events and will automatically upload all footage to the cloud.

✓ **Event** eg. bin lift, impacts, theft or vandalism
✓ **Location** eg. street address, suburb, state
✓ **Time and date**
✓ **Vehicle**
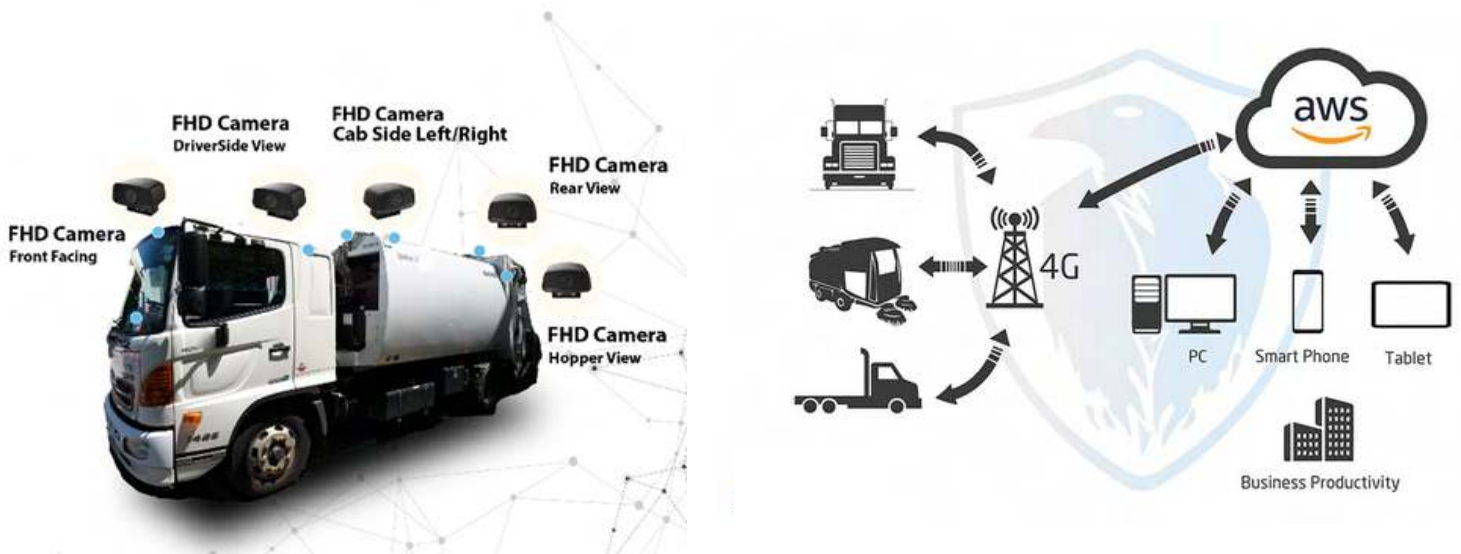✓ **Live** footage

Suitable for all Heavy Vehicle Businesses

✓ Council services
✓ Waste management
✓ Goods transport
✓ Service vehicles
✓ Mining vehicles
✓ Emergency services

How Does it Work?

Using cameras to capture multiple angles around the vehicle, footage is uploaded to the cloud via 4G or Wi-Fi, and can be accessed via the Asgard portal.

Key event markers can be inserted in the video metadata that enables fast search and playback. The triggers for these event markers include time, location, g-force, relay contacts, vehicle status, driver status, and each event can be configured to accurately mark the required video.
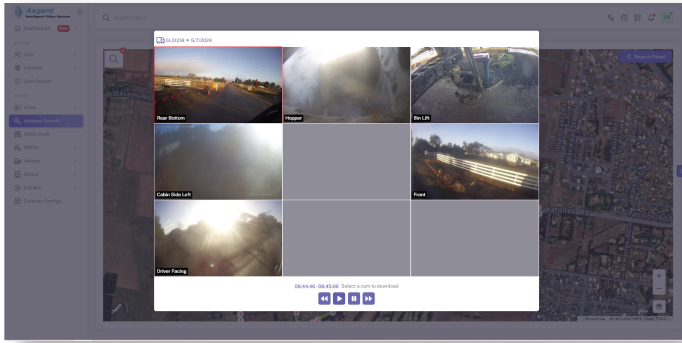

Capture and Analyse

Asgard can be used to capture, search and analyse a number of driver behaviours and vehicle events. It brings accountability and proof of service to your business while keeping your drivers safe and compliant.

Monitor and Respond to
Driver Behaviour

✔ Fatigue driving
✔ Mobile phone use
✔ Smoking
✔ Distraction
✔ Unbuckled seatbelts
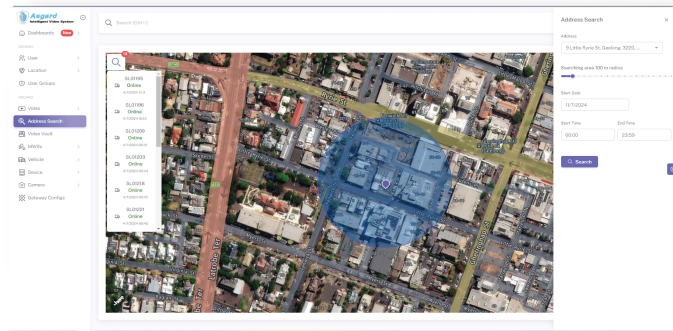✔ Driver exception
✔ Wearing sunglasses
✔ Customisable behaviours

Monitor and Respond to
Vehicle Events

✔ Left/right turning
✔ Braking
✔ Reversing
✔ Lane departure
✔ Impacts
✔ Bin lifts
✔ Theft or vandalism
✔ Customisable events
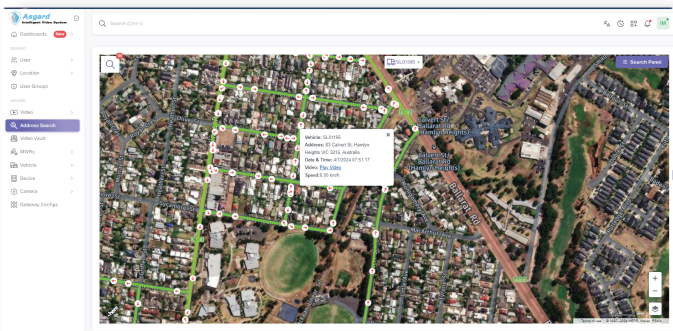
Specific Event Search

Drill-down to footage of specific events such as bin lifts, impacts, theft or vandalism, braking, reversing, left or right turning, lane departure or other customisable events specific to your business. Record specific or all camera angles.
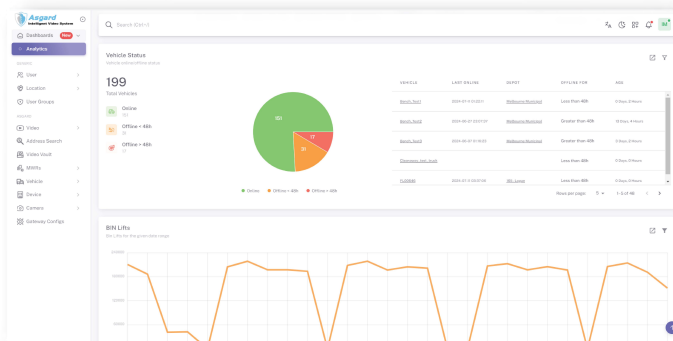

Specific Address Search

Search for video footage from a specific street address, suburb or state, and further refine with a date and time range.

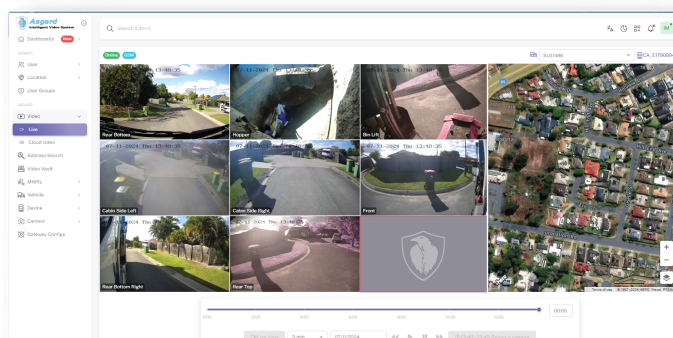Provide video evidence of proof of service.

Map Trails

The map view can show single or multiple trails of vehicles whose metadata has been loaded into the database. An address search is performed along the trail, not just an event.

Device and Vehicle Management

Add, remove or modify vehicles and devices. Record vehicle IDs, vehicle registration numbers, driver restrictions, groups and sub-groups, devices, device types, locations and organisations. Manage drivers and depots.

Live View

View live footage from any vehicle in your Asgard portal at any time.

See multiple angles in real-time.

![Asgard Intelligent Video System logo]

Integrate With Your Business

Improve efficiency, safety and profitability

Integrate with Business Processes

✔ Improved utilisation of assets
✔ Increased customer satisfaction
✔ Hard evidence of compliance or non-compliance
✔ Improved safety
✔ Fatigue management
✔ Reduction in time off-road for repairs
✔ Improved training of operators
✔ Review and upgrade of operating procedures
✔ Increased profitability

Areas of Integration

✔ Operating procedures
✔ Job dispatching
✔ Route planning
✔ Telematics or messaging systems

Benefits

✔ Brings accountability and proof of service to your business
✔ Helps to keep your drivers safe and compliant
✔ Enhances existing business systems and procedures
✔ Increases profitability

Equipment Selection

✔ 4 channel DVR
✔ 8/16 channel DVR
✔ 8 channel NVR
✔ 16 channel NVR
✔ External cameras
✔ Internal cameras
✔ Smart cameras
✔ Body worn cameras
✔ Can bus integration
✔ Telematics integration
✔ Displays
✔ MDTs
✔ Driver apps

![Step Global logo]