

Case Study

A local Quarry met **MVIS** at the **Hillhead** trade show in 2022. The team was tasked with finding a solution to an issue they had with a one-way track at the waste disposal area of the quarry.

The Quarry had multiple lorries driving into the area, which had limited space, causing a backup of vehicles with no area to turn around, leading to congestion and safety issues in all areas of the quarry.

A solution was required that allowed only one vehicle into the unloading area at a time, allowing the lorry to unload, turn around safely, and exit before the next vehicle drove into the area.



MVIS supplied a **Variable Message Sign (VMS)** which allowed the driver to remotely activate a message on the VMS, instructing a "NEXT VEHICLE" message and a further "WAIT HERE" instruction.

However, due to poor connectivity within the quarry, the standard mobile app could not be used to operate the VMS. An alternative solution was implemented by MVIS, a remote fob with a direct connection to the sign, allowing the driver to control it at the press of a button.



They found the technology worked so well for them that they purchased a second sign that allowed them to address the issue of speeding in the quarry. This enhanced safety for quarry workers.



Key Facts:

- **Congestion resolved** – one vehicle in unloading area at a time.
- **Poor connectivity solved** – remote fob replacing unreliable mobile app.
- **Driver-controlled** – instant activation at the press of a button.
- **Safety expanded** – second VMS added to address quarry speeding.



The quarry

Met MVIS at Hillhead trade show, 2022.



One-way track issue

Waste disposal area causing vehicle backup.



VMS solution

Remote-controlled “NEXT VEHICLE” / “WAIT HERE” signage.



Repeat purchase

Second sign added to tackle speeding on site.