

Breaking Down the Cameras of a Mobile Video Solution for Rail Industry

Mobile video solutions are becoming more commonplace in the rail industry. Conductors travel hundreds of miles per day, and companies need to ensure their engineers are following proper procedures, keeping them and others around them safe while proactively addressing safety matters with their locomotives.

What is a Mobile Video Solution?

Simply put, a mobile video solution is a set of cameras and DVRs (digital video recorders) implemented to record around moving objects. Forward-facing and in-cab cameras on a locomotive are examples of a mobile video solution. This differs from security cameras, which are stationary or only record a specific area.

Forward-facing Cameras Record the Journey

Forward-facing cameras, or dash cameras, record what the conductor sees. While locomotive conductors don't have to deal with traffic or pedestrians like a road vehicle would, it is helpful to capture the engineer's point of view.

Should an incident occur, recording the weather conditions, track conditions or any obstructions and crossings help tell the whole story.



A forward-facing camera captures conditions in front of the locomotive and two in-cab dome cameras that monitor all activity in the cab.

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Additional Cameras Capture the Cab

Normally, side cameras would be placed on the outside of a vehicle capturing the drivers' blind spots. On a locomotive, outside side cameras are not necessary, so these cameras are placed inside and record what the engineers are doing in the cab.

A forward-facing camera only tells half of the story. Paired with in-cab cameras, you can see what the engineer was doing in the time that led up to an incident. Was it an avoidable incident, or was there a malfunction with the locomotive and out of the hands of the engineer?

No matter the size or purpose of your locomotive fleet, Pro-Vision has the scalable and versatile hardware solution to fit your needs.



About Pro-Vision

Founded in 2003, Pro-Vision is a leading video technology solutions provider trusted by thousands of organizations in 58 countries. Pro-Vision solutions include vehicle video recording systems, body-worn cameras, data management and cloud-based storage solutions. Pro-Vision's transit, law enforcement and commercial partners utilize these solutions to enhance safety, increase productivity and protect critical assets.



PRO-VISION VIDEO SYSTEMS

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