



# RIS-2712-RST issue 1.2 On-Train Camera Monitoring Systems

## Background

On-train camera monitoring (OTCM) systems can provide useful evidence for instances where there is a safety risk or performance issue.

## What is it about?

RIS-2712-RST sets out requirements for the installation and use of modern camera systems for the purposes of recording, storing, and accessing video data on rolling stock. Requirements and guidance are split for camera systems in general for topics such as image quality, light levels and field of view, and for specific camera system types, such as forward-facing and track debris.

It contains guidance on methods to protect the camera systems and data storage from physical or cyber unauthorised access, and British Transport Police evidential requirements.

## What has changed?

RAIB report 02/2023 recommendation two required that the Department for Transport, working in conjunction with Rail Safety and Standards Board, should review standards and guidance, so that all new trains are fitted with effective forward-facing CCTV systems.

RIS-2712-RST issue 1.2 sets out new requirements for forward-facing camera systems, including the duration for which they should remain active following deactivation, which is a key point in the RAIB report.

Minor alterations have also been made throughout all sections and references updated where previous ones have since been withdrawn.

## What are the benefits?

An increase of fitment of forward-facing camera systems will facilitate incident and accident investigations and help to reduce delay minutes, the time taken and remedial actions that occur during such investigations. However, the fitment of the equipment will result in additional maintenance to rolling stock.

## Who is it for?

This standard update is intended for:

- Rolling stock owning companies (ROSCO)
- Train operating companies (TOC)
- Freight operating companies (FOC)
- Assessment bodies
- Vehicle manufacturers
- Suppliers of rolling stock CCTV systems