

Driver Only Operated System for Safe Method of Departure.



KeLink1000™ provides a guards eye view of the full length of the train and platform interface. The system provides ultra low latency images with no possibility of picture freeze, which ensures that the driver is never presented with an incorrect image and can always depart in the knowledge that customers are safe. KeLink1000™ is designed to Safety Integrity Level 2 (SIL2), and fails safe in the event of any failures.

It uses ultra-reliable leaky feeder transmission technology, which is proven, licence exempt, low power, uses minimal bandwidth and provides high quality images to the train. The system is entirely flexible and suited to all rolling stock and station types and is both TfL and industry approved.

The system is easy to maintain, as no active trackside equipment means that maintenance is undertaken in safe areas. With a proven in-service track record, the KeLink1000™ system can be used on either new or old rolling stock.

Designed, developed and manufactured in Great Britain, KeLink1000™ is helping to keep customers safe on a number of iconic networks including the new Crossrail Elizabeth Line and London Underground's Victoria Line.

Benefits

-  Full coverage provided by minimal number of cameras
-  Easy driver assessment due to low number of cameras required
-  Increases passenger safety by allowing train drivers to view the entire platform prior to departure
-  The system utilises licence exempt technology, so there are no additional fees to be paid
-  KeLink1000™ is cost effective to upkeep, as it has no trackside equipment so maintenance is undertaken in safe areas

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KeLink1000™ is a Driver Only Operation CCTV system for safe departure and the enhancement of customer safety.

In an environment where customer safety is paramount, KeLink1000™ ensures the safe departure of Driver Only Operated trains by enabling the drivers to view dynamic images of the platform/train interface with ease, from the moment the train arrives until it departs the station. Drivers are presented with clear, reliable images in their cab, at both surface and sub-surface stations.

The system operates with a very high integrity, cleverly interfacing with the train-borne signalling and management systems as the train travels. Transmitted signals are received by antennas mounted on the train, which are then fed into the train-borne equipment. Images are displayed in various formats on LCD monitors located in the cab, providing full coverage of train and platform interface allowing a safe method of departure.

Benefits

-  Designed to SIL2, ensuring passenger safety
-  Ultra low latency ensures no picture delay
-  No picture freeze ensures valid image at all times
-  An intelligent fail-safe blank screen if communications are lost
-  Fails safe in event of equipment failures
-  Designed in Great Britain