



Technical details- LMS



System introduction



The LMS system is a proven, carefully tested digital system that represents an attractive option for communicating information to passengers

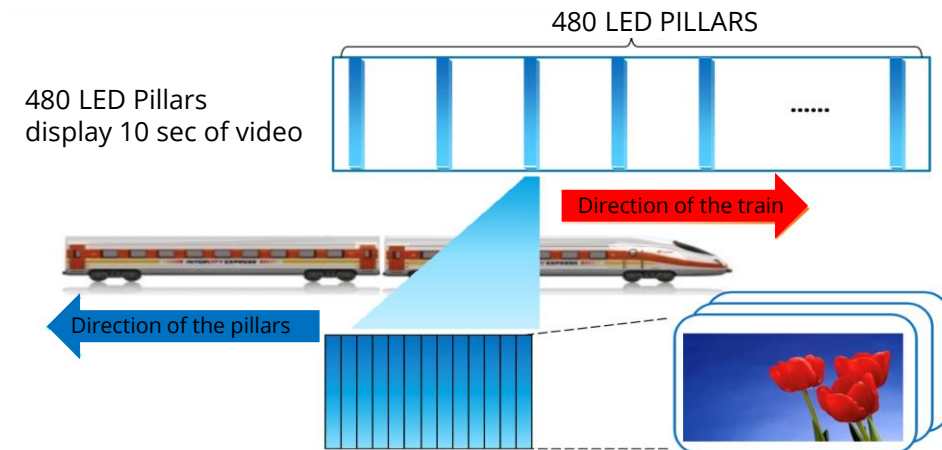
Description of technology

- The system is a set of vertical screens installed in a row on structure that is placed on the wall of the subway tube outside the train and in the section between 2 stations.
- The system works on a simple animation principle - a static partial image is displayed on the screens, which creates the impression of smooth movement due to the movement of the train.
- The content is always displayed with a certain delay, which guarantees that the screening will be visible only in the passenger area. This delay is dependent on the speed of the train and is controlled by the control unit together with sensors that continuously measure the speed of the passing train.



Advantages of technology

- Modern technology, modified especially for the specific environment according to metro type
- A non-invasive, carefully tested system of LED display units, ensuring smooth and non-disruptive way of presentation
- A fully integrated system adapted to the demanding safety conditions according to metro type
- The system is completely controlled via a complex IT system ensuring constant supervision (24/7) of the operation of the screen
- Proven and safe system, thanks to existing installations in metro systems across Europe





Technical requirements for the delivery of spot

Spot options:

1) **Standard spot:** video spot resolution 800x480 (video aspect ratio 5:3), 30 frames per second and a maximum length of 10 seconds **Format: mp4**

2) **Jigsaw spot:** video spot resolution 1600x480 (video aspect ratio 5:3), 30 frames per second and a maximum length of 10 seconds **Format: mp4**

Jigsaw



Standard





Technical requirements for the delivery of spot

- **Jigsaw spot**



- **Standard spot**





Technical requirements for the delivery of spot

We recommend leaving the bottom 80px (indicated by the light brown bar) free of logos and text.

Due to the specific environment and display, we recommend using a font size of at least 100px.

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