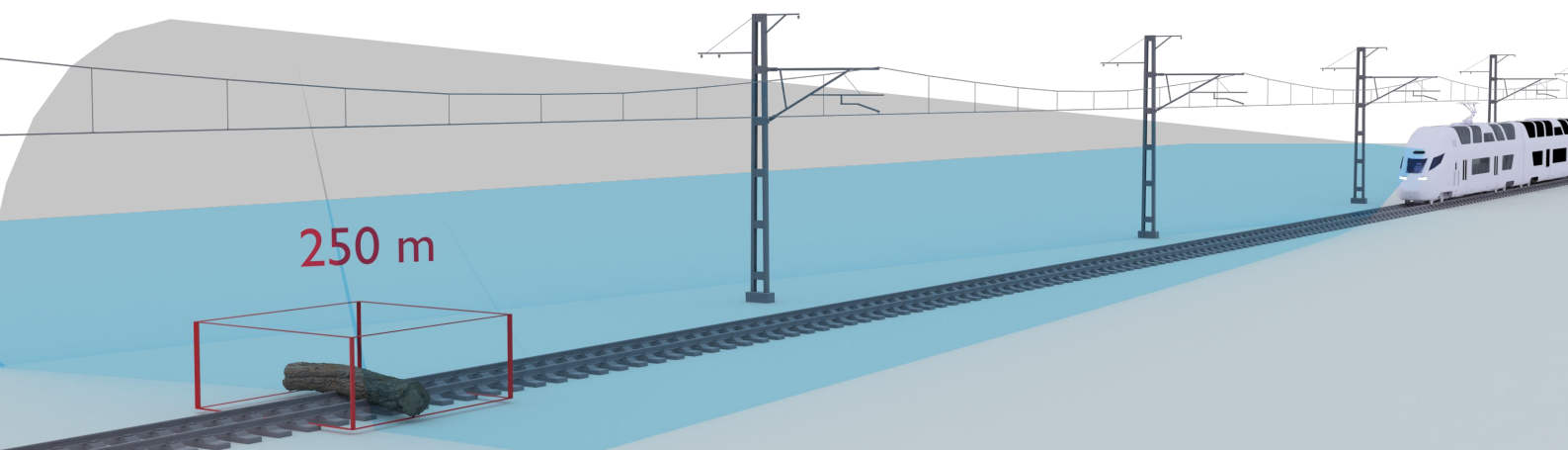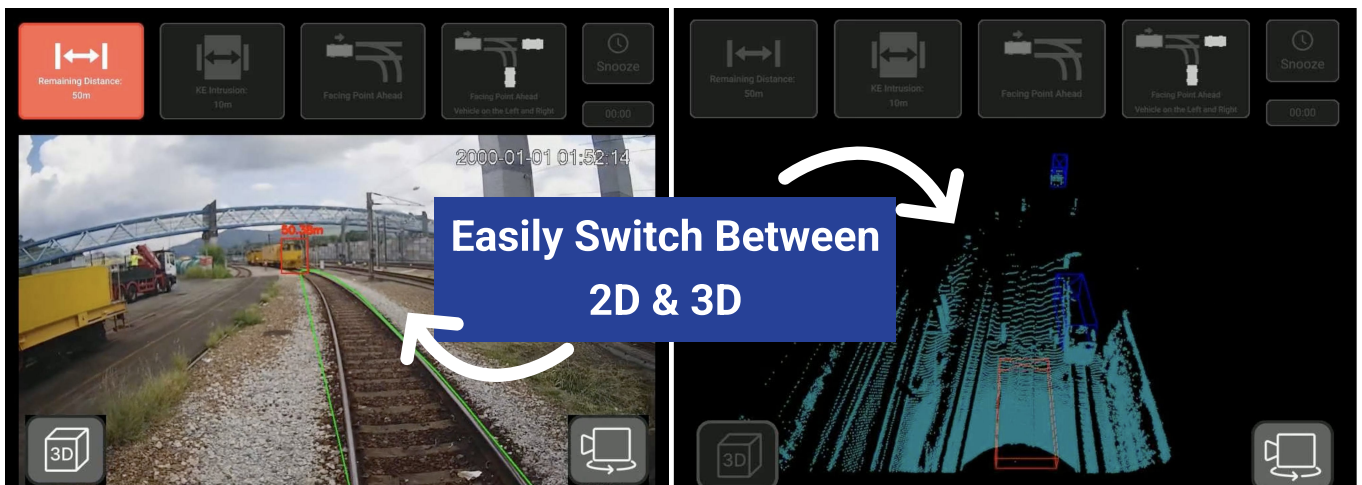# TrackVision
Train Perception System

Comprehensive Situational Awareness

The system's automatic obstacle detection helps drivers avoid potential collisions on the tracks.

✓ **Clearance Intrusion**

✓ **Foreign Object on Track**

✓ **Remaining Distance Alert**

Easily Switch Between 2D & 3D

250 m

TrackVision
Train Perception System

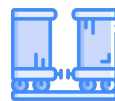## Immediate Alerts on Clearance Intrusion

TrackVision provides alerts within 2 seconds to driver for immediate response.
Audiovisual alerts inform the driver of any foreign object intruding the KE of the train.

Full Situational Awareness

Train blindspot elimination on dangerous section

Remaining distance reminders

Foreign object intrusion detection

Line crossing person detection

Performance

Max detection distance: 500m

Max vehicle speed: 120 km/h

False Alert Rate: <1%

Latency: <500 ms

Typical Applications

- Locomotive Shunting Operations
- ADAS for Rail
- Foreign Object Intrusion Detection