GDPR compliant

Transport Monitoring Platform

Smarter Streets – Safer Cities

bus, white, ZY 5533

bicycle 05

truck, gray, UV 1357

pedestrian 03

car, red, XY 1234
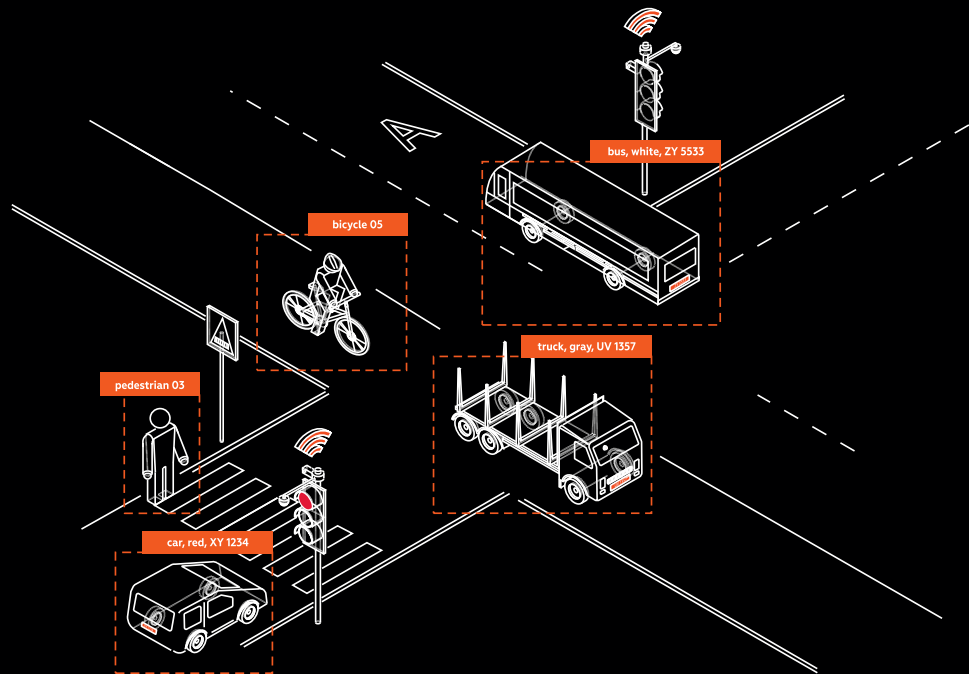
Benefits

- 24/7 safety with automated enforcement.
- Improved traffic flow.
- Easy deployment using existing infrastructure.
- Traffic insights for smarter planning.
- No integration dependence on 3rd party systems or plugins.

Features

- Vehicle detection and classification
- Trajectory and location awareness
- Automated number plate and optical character recognition (ANPR & OCR)
- Traffic light signal detection
- Event awareness algorithm – red light offence detection
- Offence reports & traffc intensity statistics

How it works

The platform uses existing camera videos or panoramic and number plate cameras are mounted on existing traffic lights, enabling neural networks and edge computing technologies to analyze and transmit gathered video and data.

The data is securely anonymized according to GDPR before being transferred via 4G to a microservice cloud for further post-processing. During this stage, data is analyzed, offences are detected, and only information related to offenders is identified. Subsequently, offence reports are generated and provided to local authorities for fine collection.

Choose setup locations based on where the problems are, not where the infrastructure is.

Got a complicated or accident-prone intersection?
Contact us to discuss partnership opportunities!

mobility@lmt.lv
trafficmonitoringtech.com

Quality management

bm certification
ISO 9001
System certification

Environmental management

bm certification
ISO 14001
System certification

Information security

bm certification
ISO 27001
System certification