SOLUTION FOR
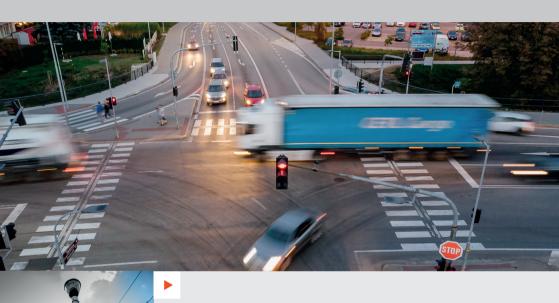# **PUBLIC AND INTERCITY TRANSPORT**

TELEMATICS SOLUTIONS FOR ROAD TRANSPORT

- Transport study
- Project activities and designing
- Administration of grant titles
- Complex implementation
- Integration into existing systems
- Service and maintenance
- Deputed administration

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SOLUTION FOR
PUBLIC AND INTERCITY TRANSPORT

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LIGHT SIGNALLING DEVICE (LSD)
- LSD at junctions, at pedestrian crossings, in children´s traffic playgrounds
- LSD for floodplains, for rescue service exits or vehicles with preferences
- Active highlighting of pedestrian crossings by LED lights with pedestrian detection via traffic detectors

OFFENCES
- Sectional or current speed measurement
- Red enforcement, detection of oversized vehicles
- Measurement of vehicle height, high speed weighing

PUBLIC TRANSPORT
- Smart systems in vehicles, smart stops
- Radio connection, dispatching and surveillance systems
- Public transport preference displayed on LSD

INFORMATION AND GUIDANCE SYSTEMS
- Operational information device
- Portal and semi-portal construction

TRAFFIC FLOW MANAGEMENT
- A control set of telematics elements located on portal structures on the road
- The system automatically reduces the speed or changes the organization of traffic in the lanes according to the current state

COLLECTION OF TRAFFIC DATA
- Measurement of intensity and fluency of traffic flow, calculation and measurement of driving times
- Measurement and classification of traffic offenses
- Detection and classification of vehicles
- Non-motorized transport (with recognition of pedestrians, cyclists, runners etc.)

CCTV SYSTEMS
- CCTV and surveillance systems for important traffic hubs
- Ensuring urban safety

PARKING GUIDANCE MANAGEMENT
- Parking control centre, ticket systems
- Systems for entry and exit, guidance systems to car parks
- Monitoring of parking spaces occupancy, length-of-stay detection system in parking areas

TOLL SYSTEM
- Portal constructions
- Microwave and satellite systems

METEOROLOGY SYSTEM

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