

A blurred image of a large truck moving on a road, with a digital overlay showing '57.8 t'. The truck is moving from left to right, and the background is a bright, hazy sky. The truck's trailer is loaded with white containers. The digital overlay is a red-outlined arrow pointing right, containing the text '57.8 t' in red.

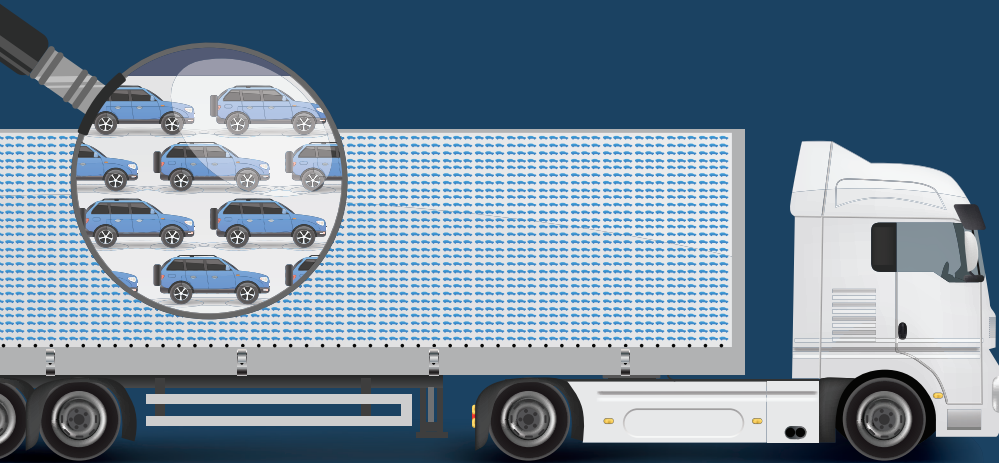
57.8 t

# camea

**Unique Customer Solutions  
for Direct Enforcement**

**Weigh-In-Motion • Dimension-In-Motion • Speed • Red Light**

One overloaded truck causes the same  
road damage as 30,000 cars.



Reduce the damage  
with the leader in **WIM**  
**DIRECT ENFORCEMENT.**

# CAMEA WIM Exceptionality

First WIM certified for direct enforcement worldwide

Speed and dimension enforcement

Sensor independence

Measuring between lanes

Measuring in both directions

Dual tire detection

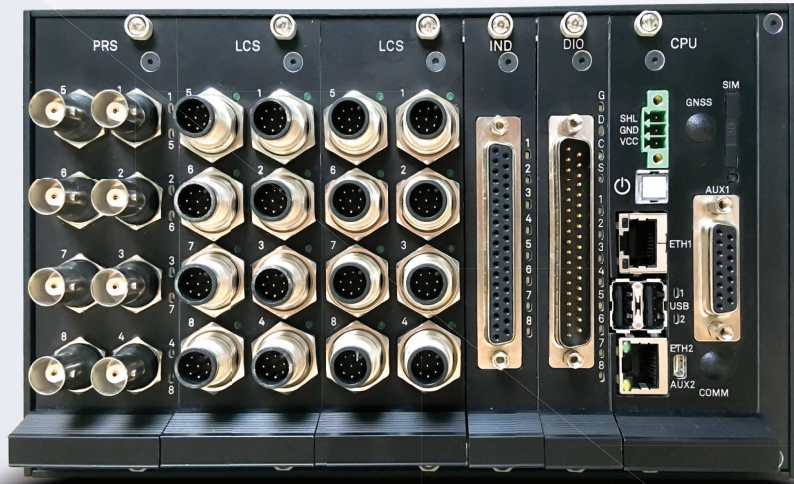
Wide range of recognized classes

Multiple classification schemes

Advanced validation process

Centralized remote diagnostics

Central data server support



The measurement unit is scalable, therefore it supports various sensor technologies, counts and combinations and enables performing on different levels. From a traffic counter, advanced classification based on axle detection, to various accuracy classes and applications of Weigh-In-Motion. These include collecting statistics, pre-selection and direct enforcement.



HIGH-END  
PRODUCTS



EXPERT  
INSTALLATION

CAMEA  
Ecosystem

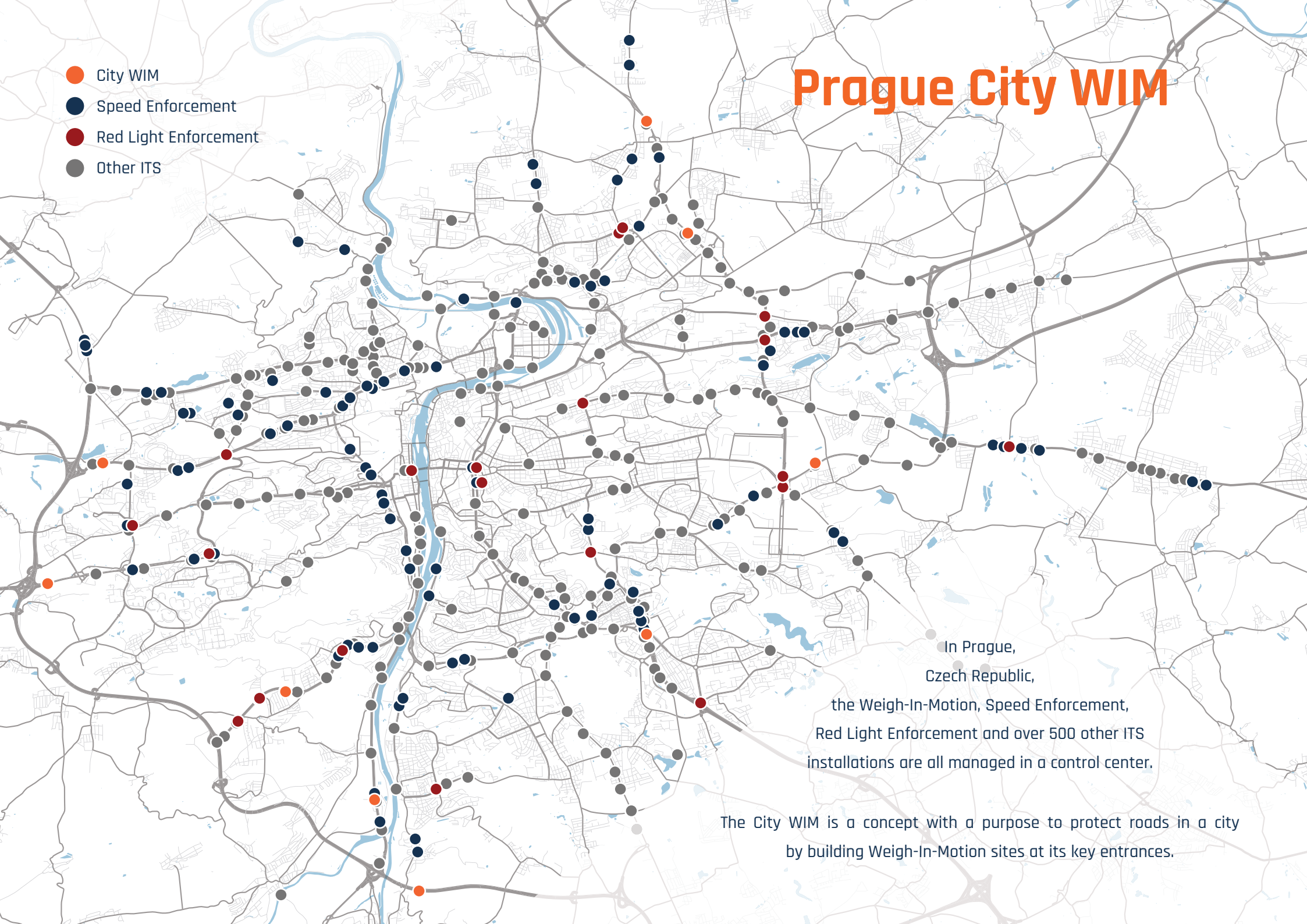


COMPLEX  
DATA



CONTINUOUS  
SUPPORT





- City WIM
- Speed Enforcement
- Red Light Enforcement
- Other ITS

# Prague City WIM

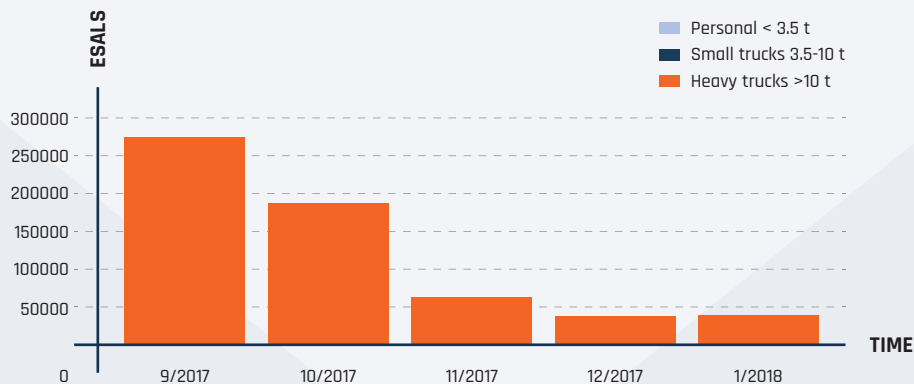
In Prague,  
Czech Republic,  
the Weigh-In-Motion, Speed Enforcement,  
Red Light Enforcement and over 500 other ITS  
installations are all managed in a control center.

The City WIM is a concept with a purpose to protect roads in a city  
by building Weigh-In-Motion sites at its key entrances.



# Effects of Using Direct Enforcement WIM

Local authorities often face reality when comparing projected and true road lifetime. The projected lifetime is based on a qualified estimation of traffic intensity and structure. Yet it is very complicated to predict a number of overloaded trucks, just like it is very important, as these vehicles are the ones causing the most road damage.



Road stress decrease in ESALS after deploying direct enforcement WIM

A traffic study carried out on a station in Russia aims to determine the level of road damage as accurately as possible. It also shows that the real driveway condition differs from the one according to the original plan. Under these circumstances, it is necessary to repair the road as soon as possible, as the costs rise exponentially with time. Weighing vehicles on axles provides data accurate enough to determine the actual road load, which enables the user to plan maintenance effectively – to repair in time and avoid unnecessary expenses. Most importantly, when used for enforcing, it decreases the road damage, as shown in the chart.

Installing the CAMEA WIM system for direct fining results in a significant drop of overloading violators. That decreases the road damage to up to five times and it disables illegally heavy trucks from driving through the place. They are either loaded in accordance with the rules, or they use a different path. To prevent the second option, building a dense web of WIM stations is a desirable action.

# Customer Solutions

CAMEA team has a unique combination of ITS design expertise, OEM manufacturing know-how, R&D, custom design and proficiency across a variety of traffic and industry applications required to make your next project a success.

## Custom Design

This may include integration of components from various vendors or custom SW and HW implementations and modifications such as country-specific legislation issues, communication protocols or custom GUI.

YOUR  
SOLUTION



SOFTWARE



HARDWARE



## Turn-Key

This approach consists in providing fully-featured solutions. The services range from civil engineering, component delivery, system installation and integration, staff training to maintenance and post-installation support by CAMEA directly or through authorized partners.

## CAMEA OEM

CAMEA's products can be provided as components to resellers or system integrators who are in need of specific parts. Selling of such products under the business partner's brand is possible.



SOFTWARE + HARDWARE



WEIGH-IN-MOTION



WIM DIRECT  
ENFORCEMENT



SPEED  
ENFORCEMENT



RED LIGHT  
ENFORCEMENT



[www.cameatechnology.com](http://www.cameatechnology.com)

Developed in #BRNOREGION