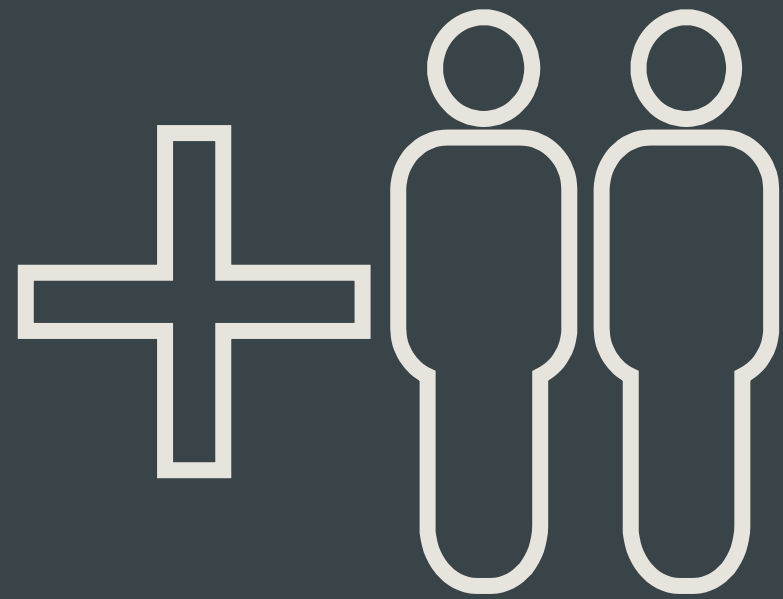


SIEMENS
Ingenuity for life

Smart systems.

Smart traffic.

Siemens Intelligent Traffic Systems at a glance.

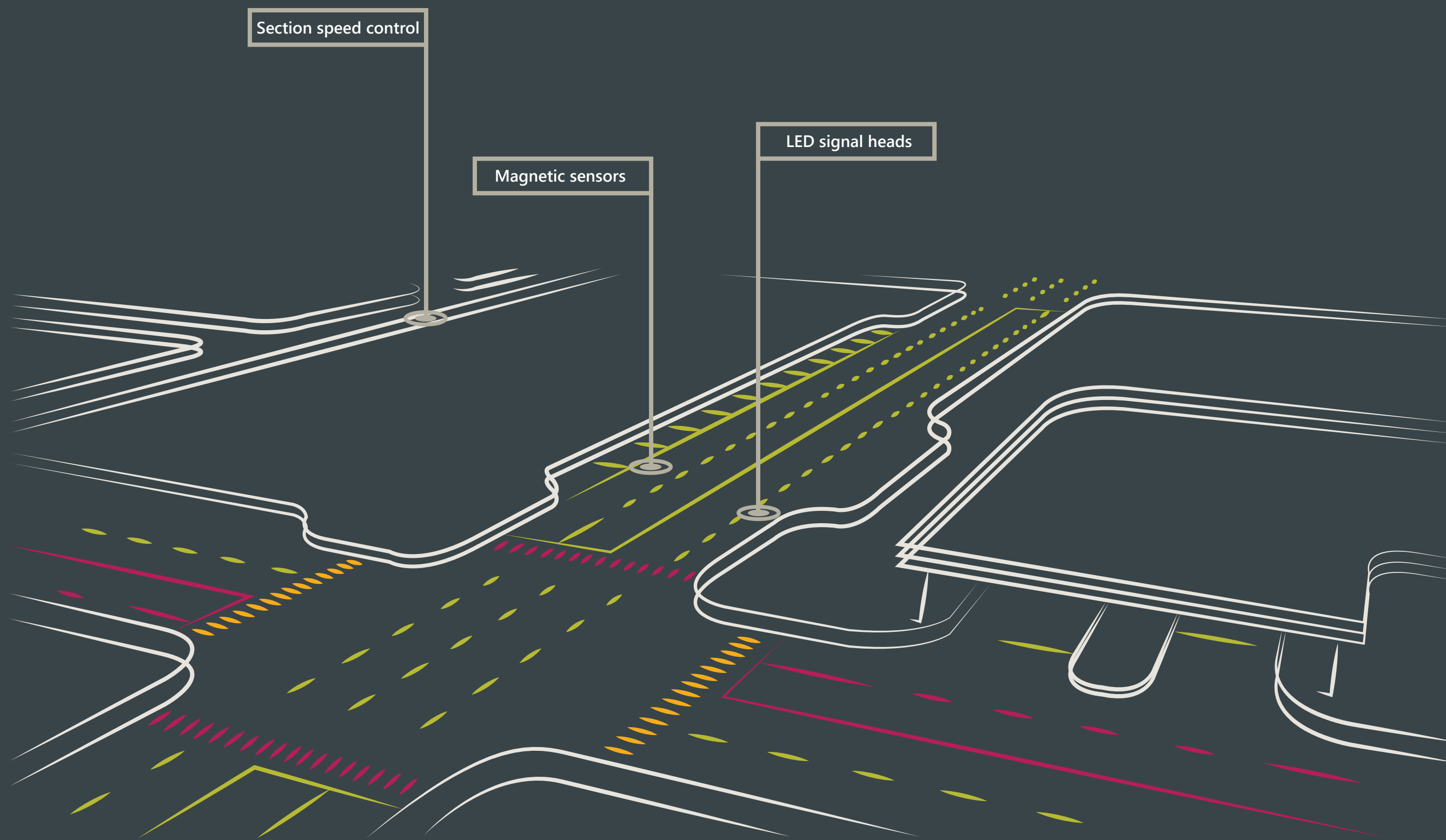


- Cities grow by two inhabitants per second
- Aging and individualism

More and more people and goods need to be moved predominantly by rail and road. Different modes of mobility will grow together.

The world of mobility is facing tremendous challenges – we are facing the next mobility revolution

03



**Intelligent Traffic
Solutions – Urban
in the areas of...**

CENTRALS

...the brain behind a city's mobility system

04



Scala, Concert, Guide

Scalable traffic control center
Advanced traffic management center
Integrated parking guidance center



smartGuard

Cloud-based monitoring center



Stratos, UTC/SCOOT // UK

Hosted Traffic Management
Adaptive Urban Traffic Control Management



TACTICS, ACS lite, NextConnect // US

Cloud-based monitoring center
Adaptive Control Software
System Communication Software

Sitraffic® Scala / Concert / Guide

Three complex tasks – one common platform

SCALA

Siemens' modular urban traffic center (UTC), made for cities with more than 100,000 inhabitants.

CONCERT

Traffic control center for integrated urban traffic management for cities (~250,000 inhabitants) that want to extend their UTC towards professional traffic management systems.

GUIDE

The intelligent Siemens parking guidance systems help to achieve significant improvements in this area. Guide is made for all sizes of cities.

Sitraffic® Scala / Concert / Guide

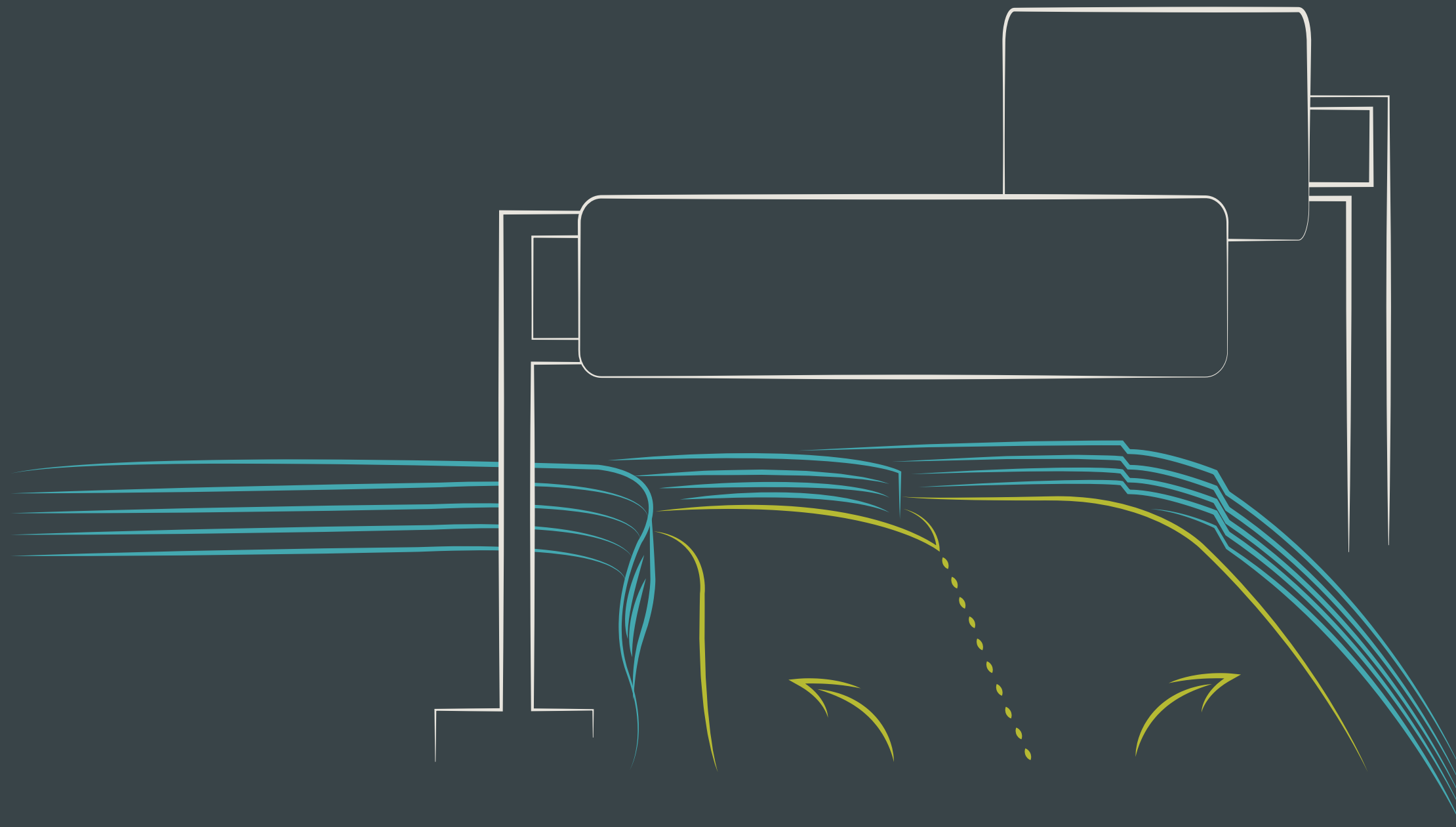
Three complex tasks – one common platform

Customer benefits and USPs

- Monitoring of all field equipment
- Different kinds of open interfaces
- Integrated traffic light controller tool – Sitraffic® Office
- Integrated quality management for traffic lights
- Time automatic, traffic-actuated signal plan selection (TASS) and motion
- Strategy / event and environmental management
- Travel time and data fusion

Optimizing traffic flow on Highway 1 between Jerusalem and Tel Aviv

07



- Toll system for a 13 km fast lane
- Operational in 2011
- Intelligent algorithm which calculates the toll charge dynamically according to traffic density
- Guaranteed minimum speed
- Improved energy efficiency
- Revenues from the dynamic toll are reinvested in the transportation infrastructure
- Pays for free bus transfers to the city center
- The time savings create a high level of acceptance among drivers

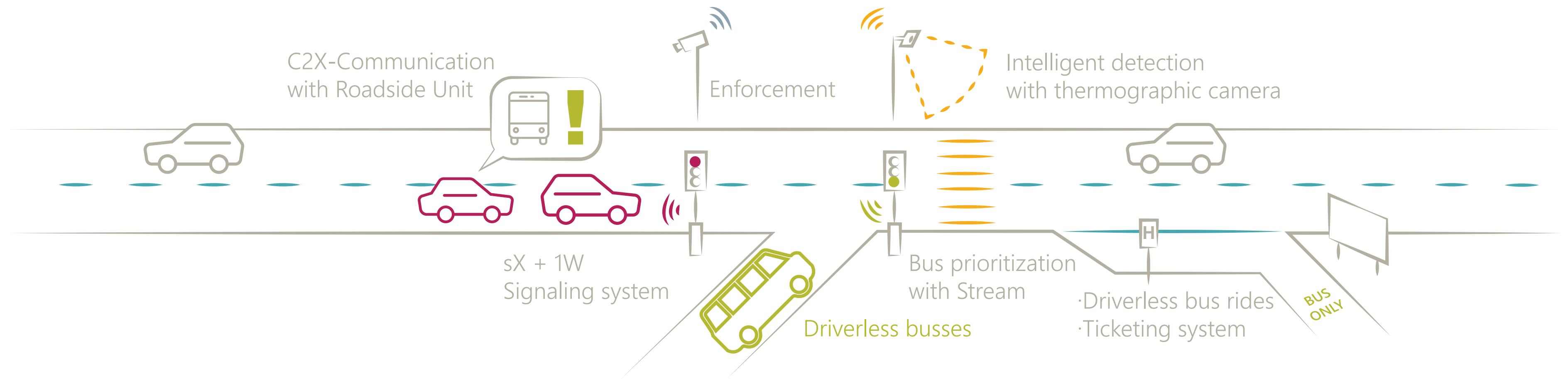
Today we offer connected traffic management with Car-to-X. Tomorrow enhancement with self-driving vehicles and busses...



1. Networked traffic control

2. Support of self-driving vehicles

3. Prioritization of self-driving busses





Vanessa Švárová
Denisa Ághová