



# Innovative Solutions for Transport

Creation of Projects

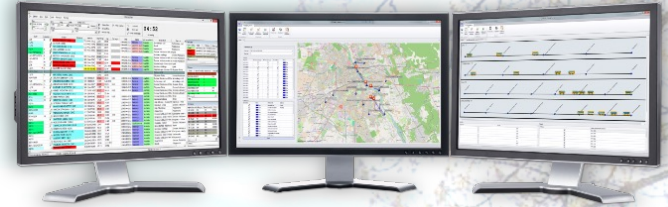


EcoTelematics Group esittely  
2023



# EcoTelematics Group Oy

- **Yritys perustettu 2009, Turku**
- Toimisto/johto Turku
- Toimistot Riika, Palanga
- **Erikoistunut**
  - Ajoseurantajärjestelmä NaviFleet
  - ITS järjestelmien integrointi ja toimitukset julkisille toimijoille.
  - Asiantuntijapalvelut julkiseen liikenteeseen.
- **Markkina-alueet**  
Estonia, Lithuania, Latvia, Finland, Bulgaria, Norway, Germany, Georgia, Oman, Japan, Laos, Ukraine, Sudan, Kazakhstan, Kuwait, Mongolia, Mexico



# Liiketoiminta-alueet



## Passenger Counting System

- Passenger Counting Sensors
- Vehicle Communication Gateway
- Cloud Software Service



## Video Surveillance System

- Video, BSIS, ADAS Cameras
- Mobile Video Recorder
- Cloud Software Service



## Planning and Optimization

- Planning and Scheduling Software
- Transit Network Design
- Optimization Solution



## Passenger Information System

- LED Destination Display
- TFT/LCD Monitors
- On-Board Terminals



## Fleet Management System

- Fleet Tracking Devices
- Cloud SaaS Software
- Applications for fleet



## Bus Stop display

- E-paper Displays
- LED / TFT Displays
- CMS Management System

# Referenssit Toimittajat



**AVAR AUTO**  
MAN Truck & Bus oficiālais importētājs Latvijā



## Kuljetusyrietykset



Rīgas satiksme



## Yhteistyökumppaneita



SKAT LV





# Teknologia yhteistyökumppanit



# Yksilöllinen toimintatapa jokaisessa projektissa



- Konsultaatiopalvelut
- **Uniikki palvelukokonaisuus jokaisessa projektissa – järjestelmäkokonaisuuksien valinta ja muokkaus asiakkaan mukaan**
- Projektien hallinta ja kokonaisvaltainen johtaminen
- Tekninen tuki myös asennuksien jälkeen
- Kansainväliset yhteistyökumppanit, laaja portfolio

# NaviFleet Fleet Management System

Vehicle Tracking

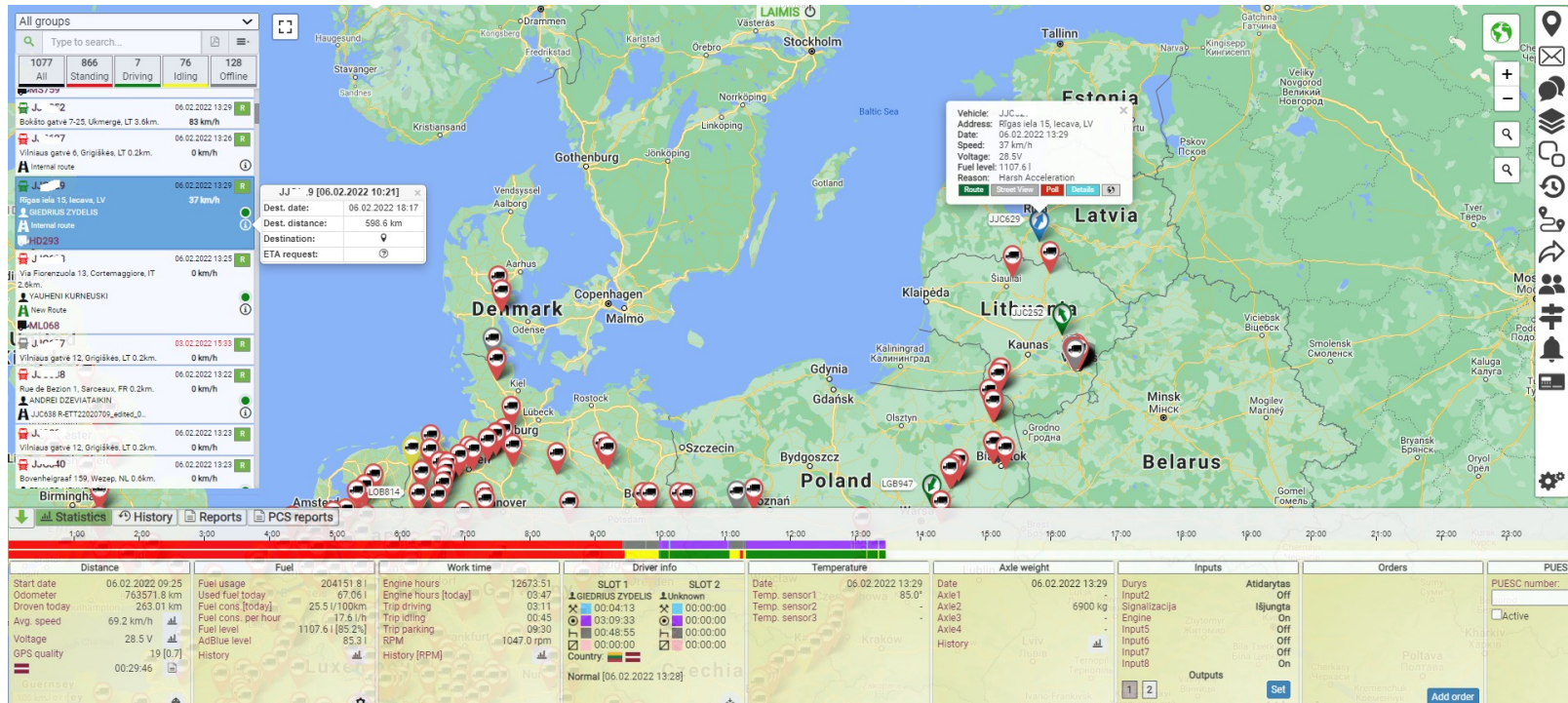
Fuel Monitoring  
and Control

Eco-Drive  
solution

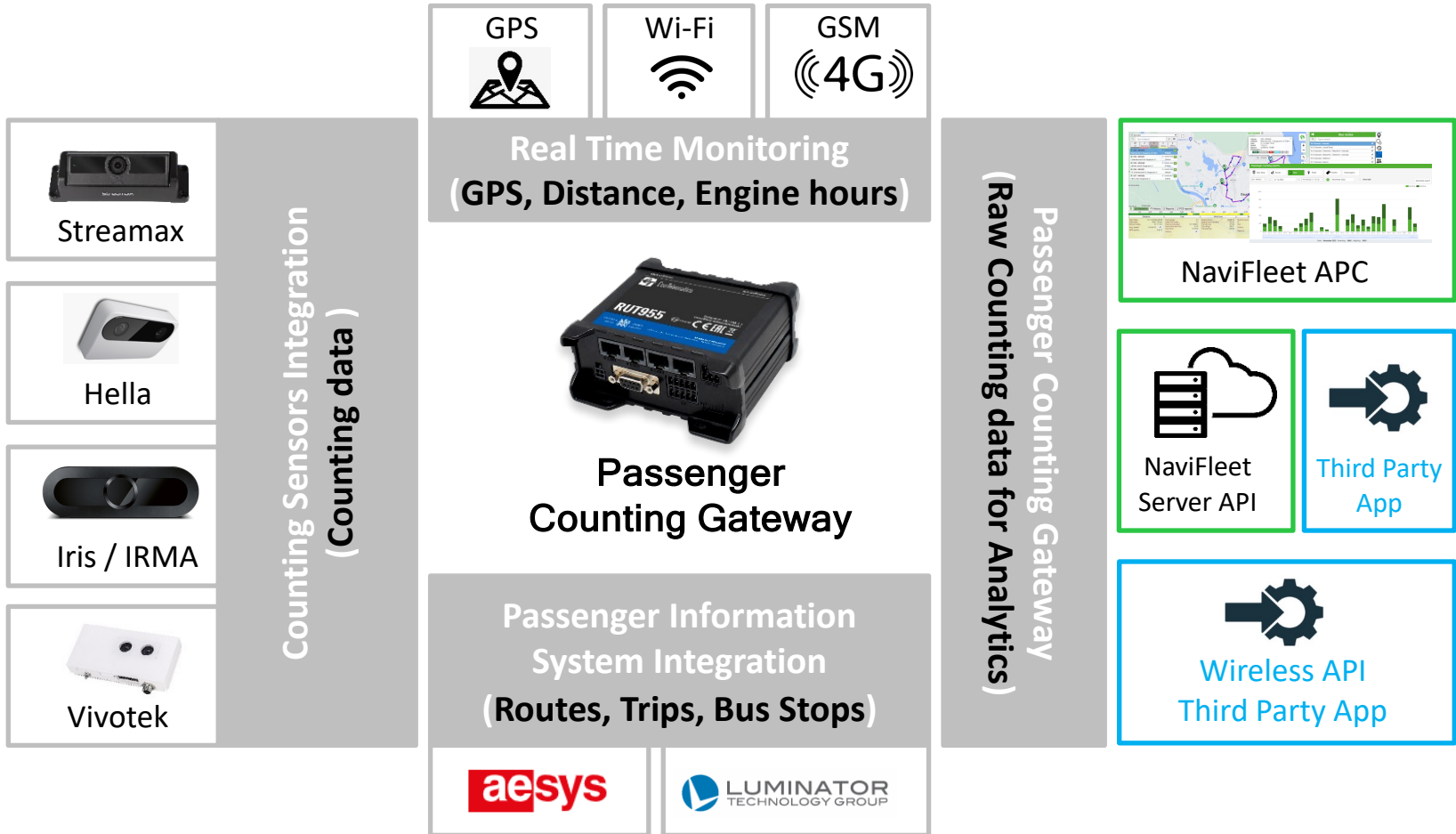
Tachograph Solution

Safety & Security  
solutions

Messaging  
Solution

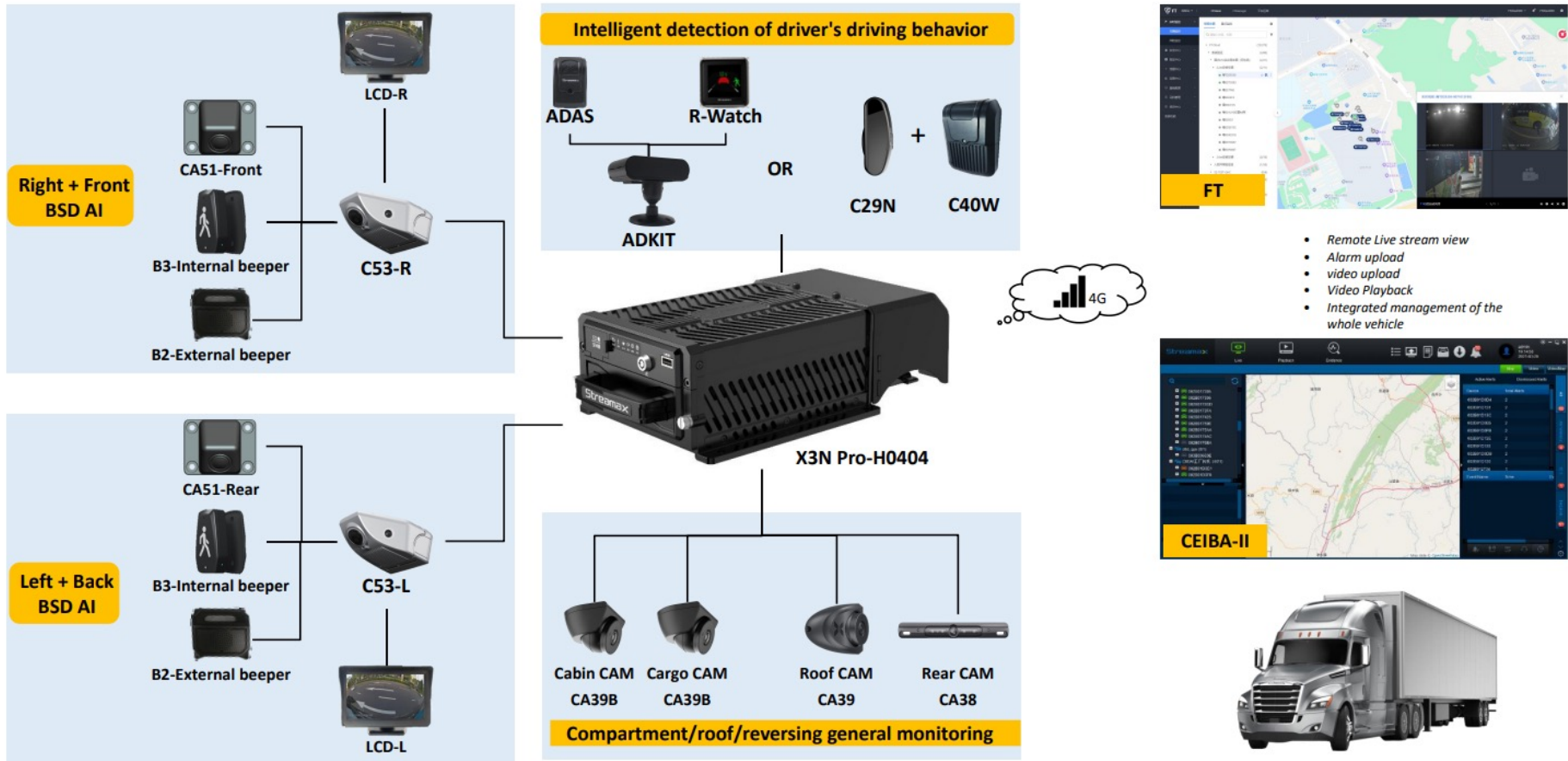


# NaviFleet Passenger Counting System





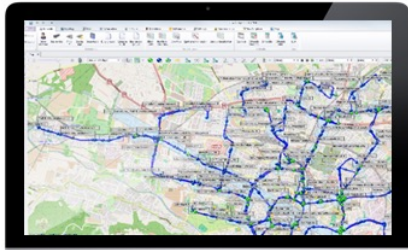
# Video Surveillance + ADAS + BSIS System



- Remote Live stream view
- Alarm upload
- video upload
- Video Playback
- Integrated management of the whole vehicle

	M1	M2	M3	N1	N2	N3	
		 5 Ton<	 <5 Ton	 3.5 Ton<	 3.5Ton<12Ton	 <12 Ton	Regulatory acts
Blind spot information system		TP 2022 R 2024	TP 2022 R 2024		TP 2022 R 2024	TP 2022 R 2024	UN Regulation No 151

# Public Transport Planning / Optimization



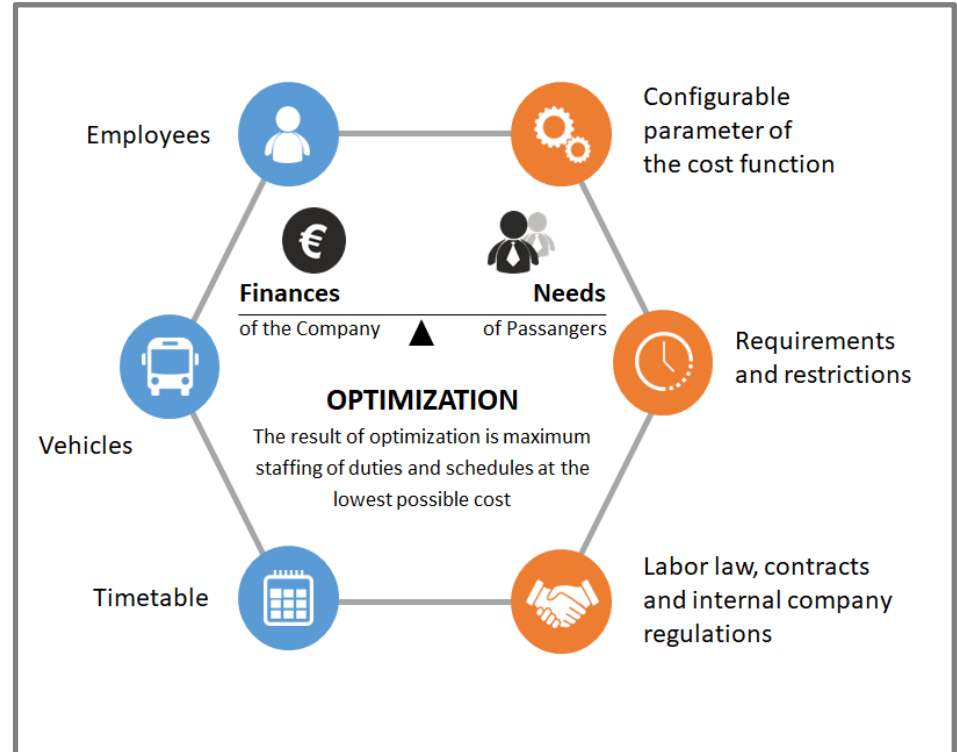
## Transit Network Design Schedule Optimization

Optimised Schedules =  
Lower Cost + Passengers Satisfaction

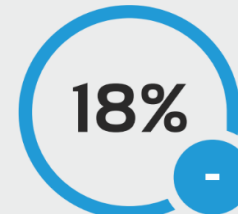


## Roster and Duty Planning

Optimised Duties & Rosters =  
Lower Cost + Driver Satisfaction



Up to 12% more efficient use of vehicles\*



Reduction of downtime costs and the number of inefficient trips\*



Reducing work-related costs during Overtime\*

# Passenger Information System

Side Display



Internal Display



TFT/LCD display



Front Display



Rear Display



Controller Device



Audio Amplifier



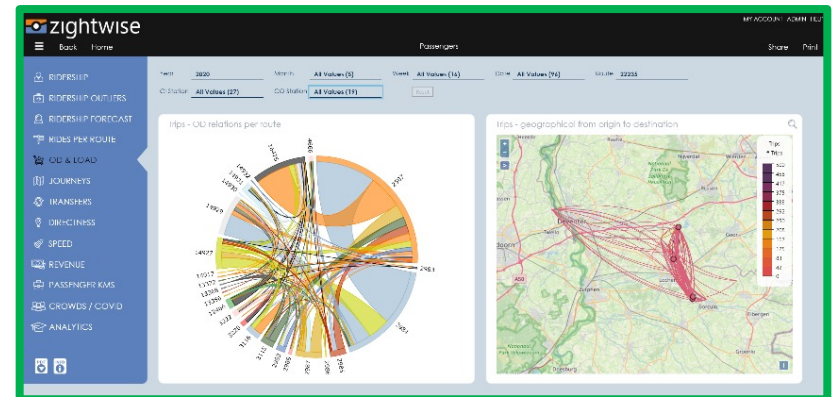
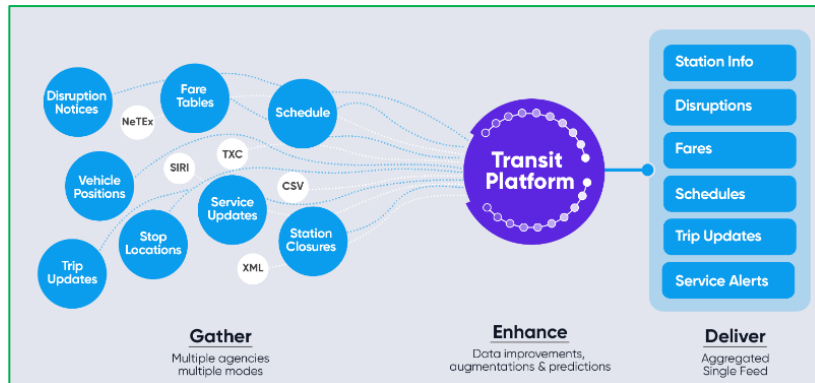
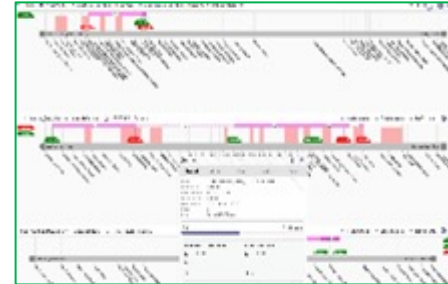
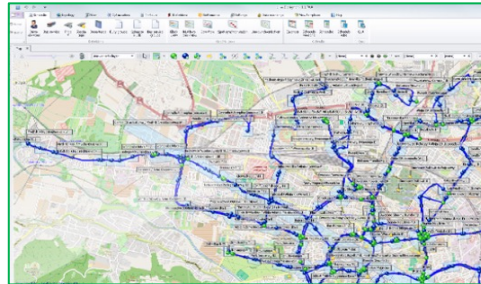
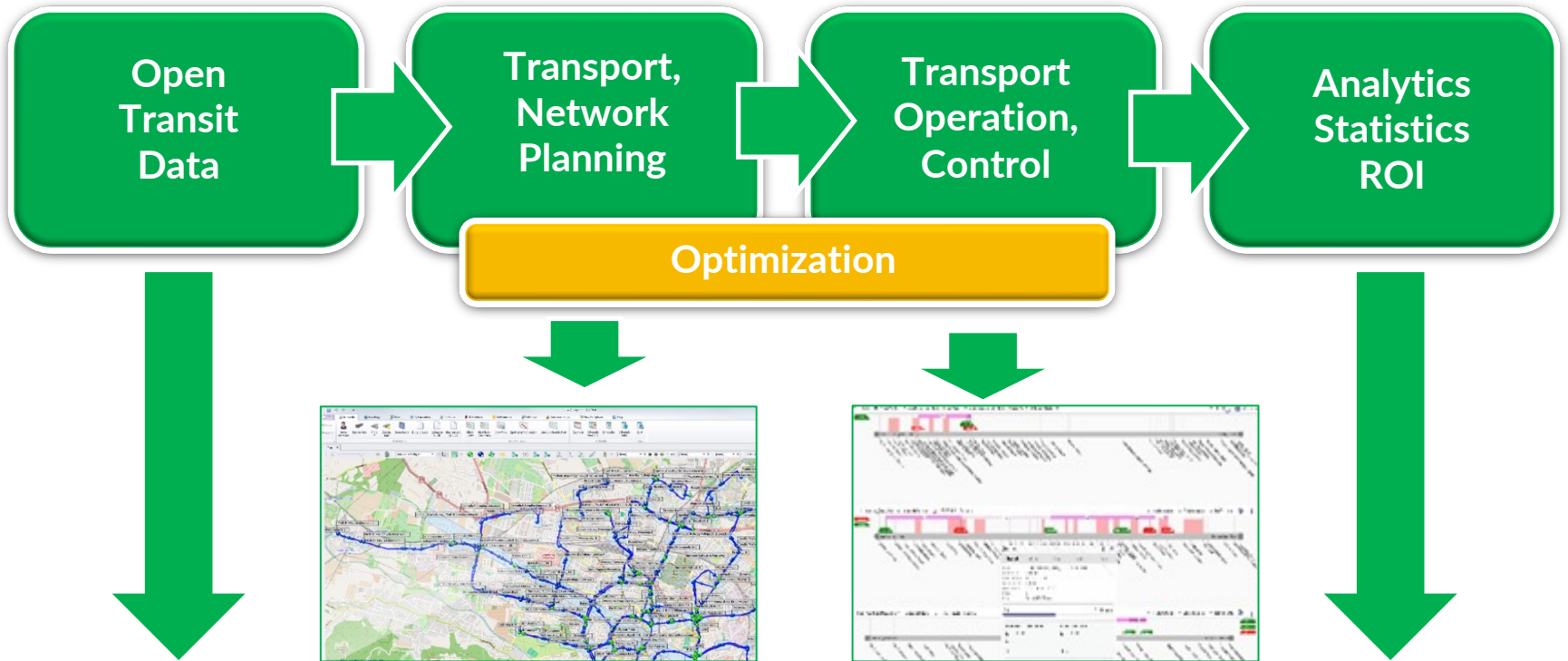


# Real-Time Passenger Information System



- Battery powered. 3 years operation
- Easy to install. 5 min.
- Low cost maintenance cost

# ITS Solutions





# Kiitos!



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