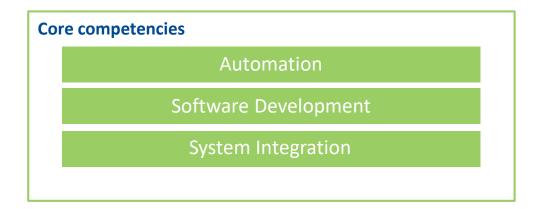




Company highlights

TRAFSYS

- Norwegian ITS System Integrator & Developer
- 30+ years in the industry
- 300+ projects, mostly tunnels
- Customized end-to-end solutions
- Participates in all project phases
- Considerable investments in R&D





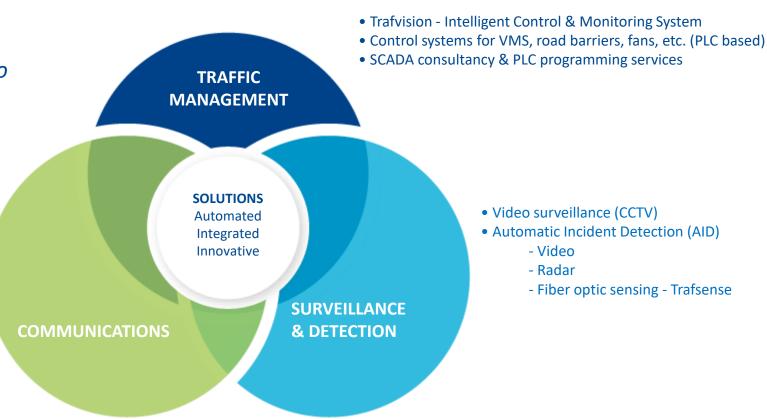
- Offices in Bergen (HQ), Oslo, Stockholm and Örebro
- ~40 employees

Our portfolio



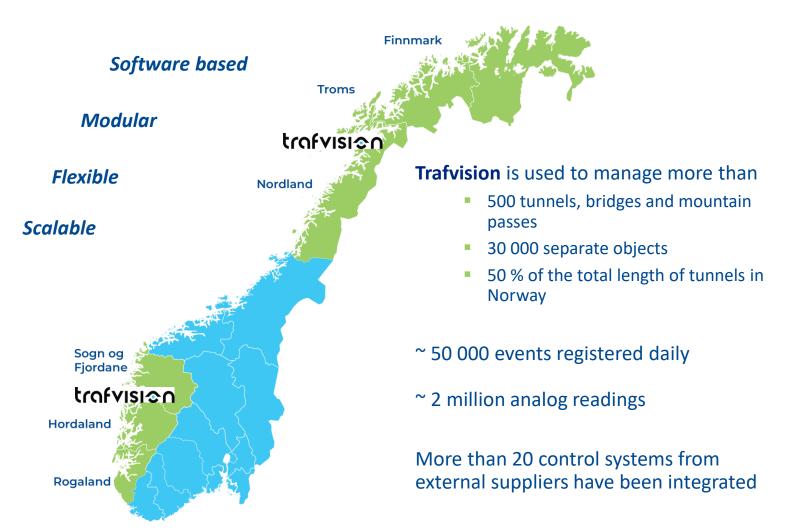
"We are experts on the most safety-critical systems and can integrate different subsystems into a reliable, well-functioning and cost-effective total solution"

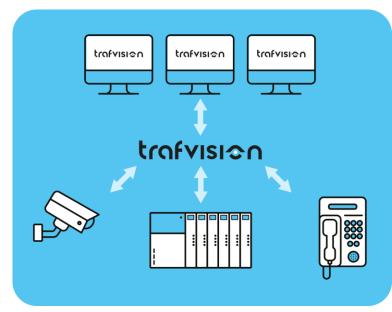
- Norphonic emergency telephones
- Radio communication
- Data communication
- Traffic information
- Evacuation system Evacsound



Trafvision – Intelligent Traffic Management







Continuously developed for more than 20 years

Trafsense - Optical-based Long Range Road Monitoring System















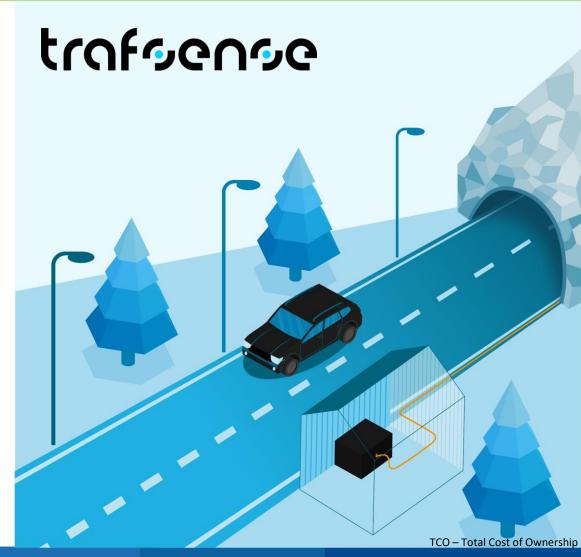


Trafsense - Optical-based Long Range Road Monitoring System



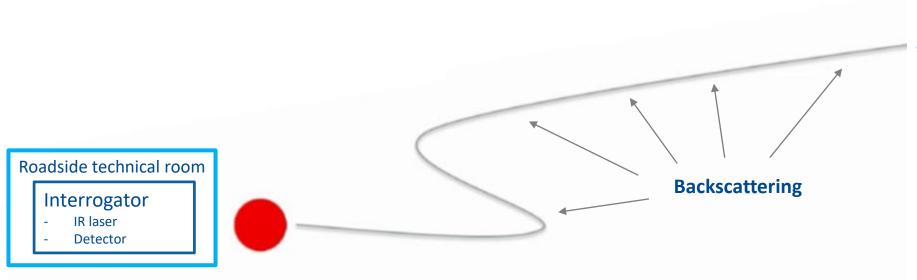
- Automatic detection of stopped vehicles, "ghost drivers" and queue formation
- Continuous real-time monitoring of
 - number of vehicles / traffic flow
 - position and speed of individual vehicles
- Monitoring of roadside infrastructure without the need to send out staff
- Not affected by curves, pollutants, weather conditions or EMI

Long life – Low installation & operating cost – Environmentally friendly



The principle

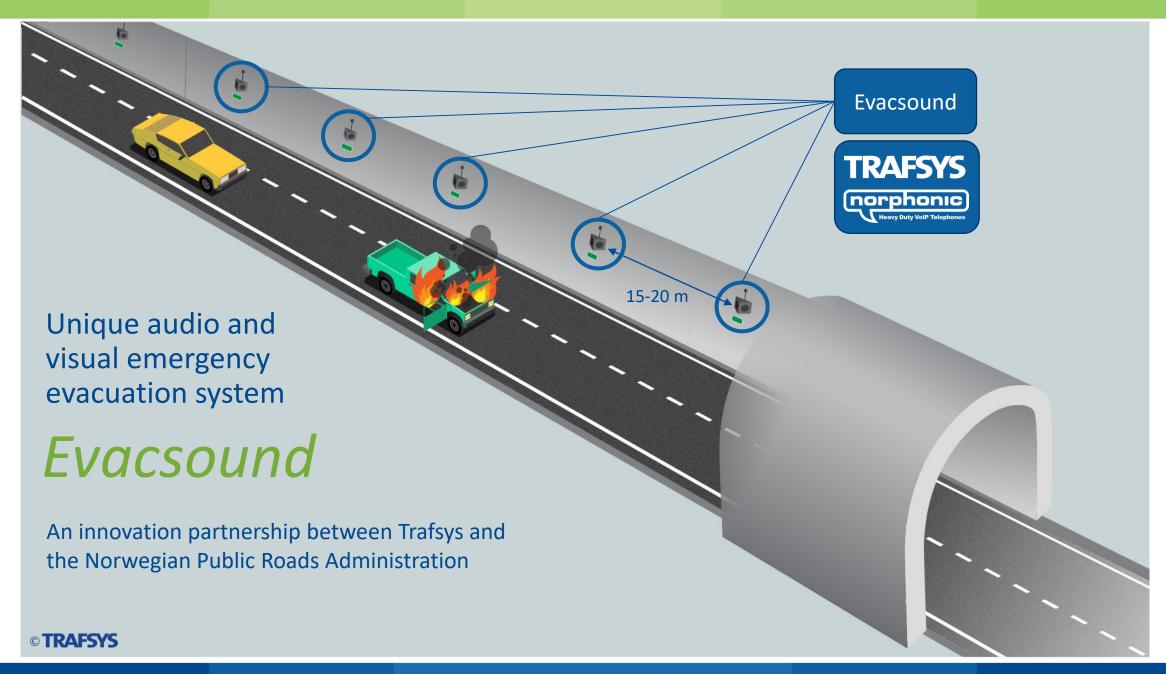


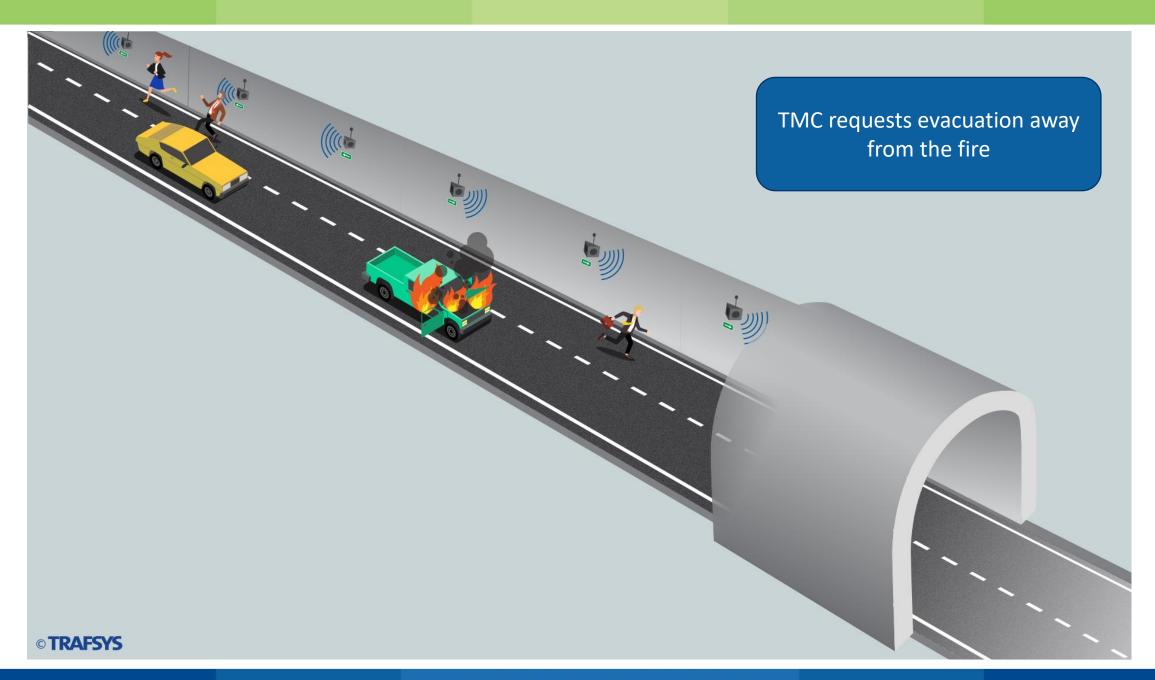


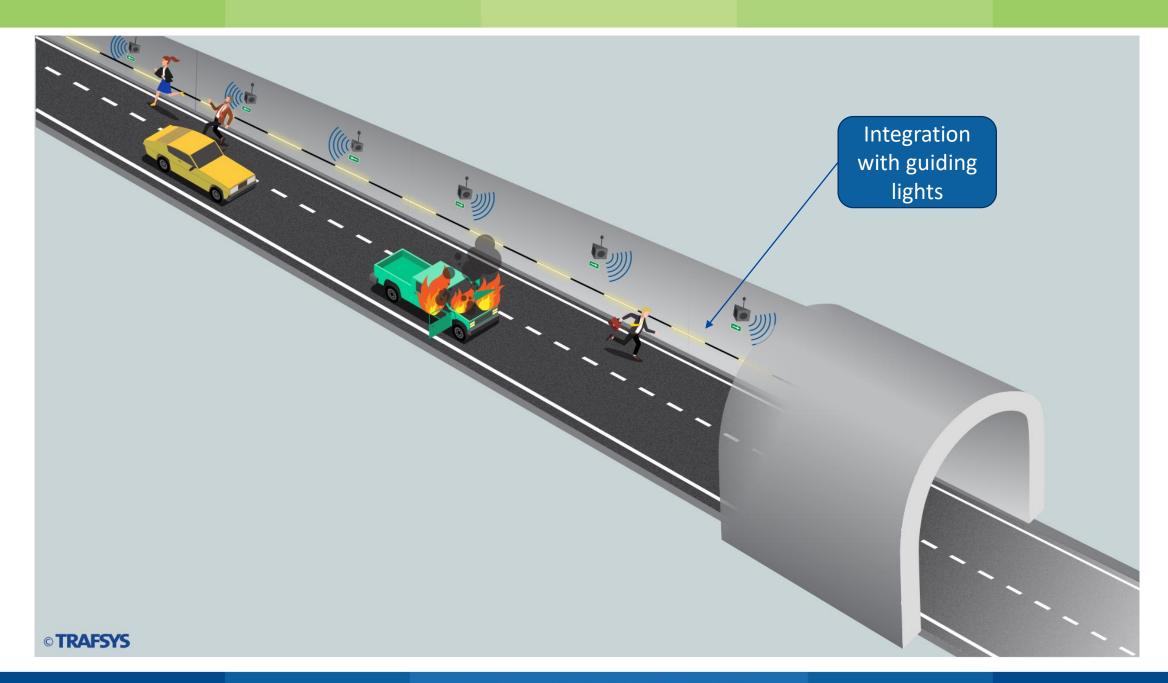
Optical fiber installed in tunnel / along motorway

TRAFSYS

Why install hundreds of sensors when ONE is enough?







Ryfast - Norway's largest road project



Ongoing deliveries to Bravida and Roxel Infra

The Ryfylke Tunnel: 2 x 14.4 km, undersea

The Eiganes Tunnel: 3.7 km

The Hundvåg Tunnel: 5.5 km, partly undersea

Trafsys' scope:

- Control system
- Video surveillance (CCTV)
- Automatic Incident Detection (AID)
- Emergency Roadside Telephones (ERT)
- Radio system
- Main switch board & cabinets
- Communication network

The world's longest undersea road tunnel!

