

OUR SOLUTIONS

We aim to be the leading system supplier of Intelligent Transportation Systems (ITS) in our markets.

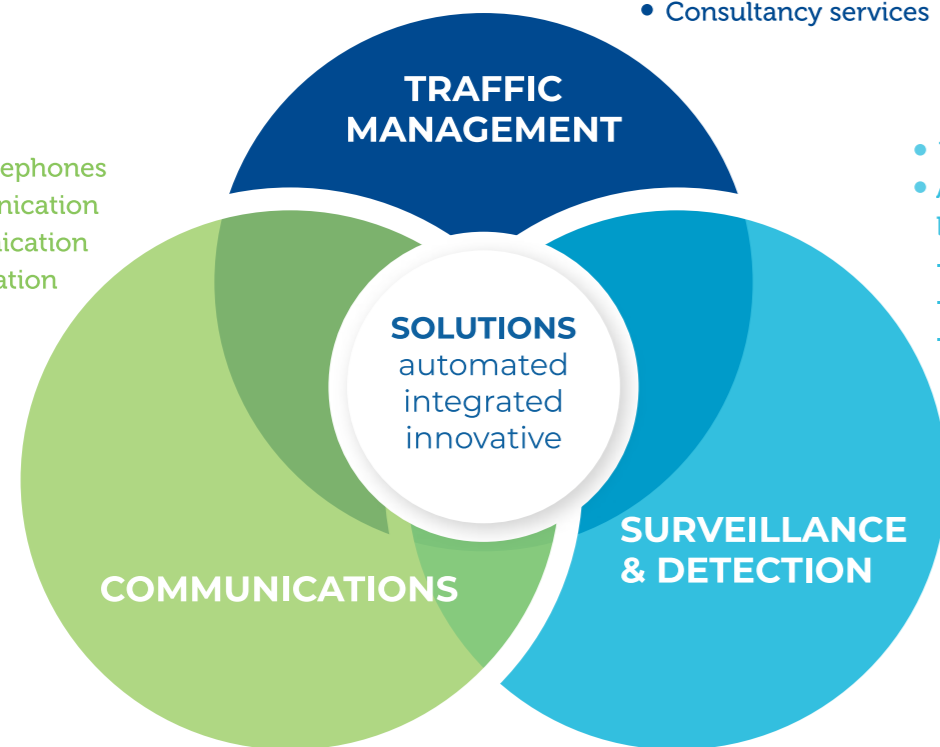
This means that we are truly committed to developing our solutions and ourselves continuously to be ready to take on new challenges in terms of improving the safety and efficiency of the transportation network while reducing the environmental impact.

We stand out in terms of our specialist competence and our ability to adapt and integrate different subsystems to create a reliable, well-functioning and cost-effective total solution. Our smart traffic control and monitoring systems help to ensure that investment in the transportation infrastructure is utilized to its full potential, while also providing a safer environment for field work on roads. Our solutions can be divided into three functional areas: Traffic Management, Surveillance & Detection and Communications.

- Trafvision - Intelligent Control & Monitoring System
- Control systems for VMS, road barriers, fans, etc.
- Consultancy services

- Emergency telephones
- Radio communication
- Data communication
- Traffic information

- Video surveillance (ITV)
- Automatic Incident Detection (AID)
 - Video
 - Radar
 - Fiber optic sensing



TRAFFIC MANAGEMENT

Trafvision – a powerful modular system for efficient control and monitoring of traffic and systems in tunnels as well as on roads and bridges. The system is scalable, easy to use and offers considerable scope for customization to suit specific requirements. The use of open, expansion-friendly components creates a future-proof, cost-effective system.

Other SCADA systems – for example WinCC OA
PLC-based systems – for controlling variable signs, barriers, fans, lighting, etc.

“Making tunnels safer and roads smarter”

“30+ years in the industry & 300+ projects”

SURVEILLANCE & DETECTION

ITV – cost-effective, scalable video solutions including IP cameras, robust camera housings, video screens, remote software and a range of accessories for effective surveillance of traffic and road-side transportation systems.

AID – complete Automatic Incident Detection systems based on video (visual/thermal), radar or fiber optic sensing technology, all of which utilize advanced analysis for rapid detection of various types of traffic disruptions. The fiber optic sensing system is our new, highly cost-effective, long-range road monitoring system, **TrafSense**.

INNOVATION

Trafsys has long been committed to innovation and is engaged in developing the next generation of technologies and smart solutions to meet the future demand for safer, more efficient and environmentally friendly transportation systems.

SERVICES

Design – Delivery – System Integration – Testing – Commissioning – Customer support – Maintenance – Training
Consultancy and advisory services – initial problem analysis, network & solution design, system integration, development of new solutions or technologies, etc.

COMMUNICATIONS

Norphonic – a range of market-leading, IP-based Emergency Roadside Telephones for heavy duty environments developed by our sister company; available standalone or as part of a complete telephone solution.

Data communications – design and delivery of robust and secure network infrastructures.
Radio systems (RF) & telecommunications networks – ideal for safety-critical applications, including base stations, repeaters, antennas, radio voice break-in systems, etc.

Traffic information systems – for dissemination of critical information or guidance to road users, e.g. large, full-graphics traffic information displays and radio voice break-in systems.

ABOUT the company

Trafsys is a leading Nordic knowledge company that develops, supplies and integrates Intelligent Transportation Systems based on advanced information and communications technologies. We offer a broad spectrum of systems for effective control and monitoring of traffic, including Traffic Management, surveillance, incident detection, emergency telephone and radio communication systems. We can also design and provide the critical data communication infrastructure that ties everything together.

The company has been active in the industry for more than 30 years and has delivered solutions for hundreds of complex system installations in tunnels and on roads. In the process, we have developed the unique competence and skills required to design extra-safety-critical solutions for tunnels. Thanks to our highly trained and committed workforce, we can offer specialist competence in automation, software development, system integration and ICT.

Trafsys is headquartered in Bergen, Norway. This is also the location of its sister company Norphonic AS, which specializes in the development of telephone systems for heavy duty environments. Trafsys AB is located in Stockholm and serves Sweden and international markets.

*"Creating a whole that is **greater** than the sum of its parts"*

Intelligent Transportation Systems (ITS)



Surveillance & Detection



Traffic Management



Communications

Do you want to know more?

Visit our website:



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