

TRAFSYS

Trafsys is a knowledge-based Intelligent Transportation Systems (ITS) developer and integrator established in 1988. The company is headquartered in Bergen, Norway. Today Trafsys has offices in Bergen, Oslo and Stockholm.

We can offer our customers more than 30 years of experience and expertise in ITS as well as the related critical information and communications technologies. Our company is one of the largest providers of road and tunnel automation solutions in Norway, with more than 500 projects undertaken so far.

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.

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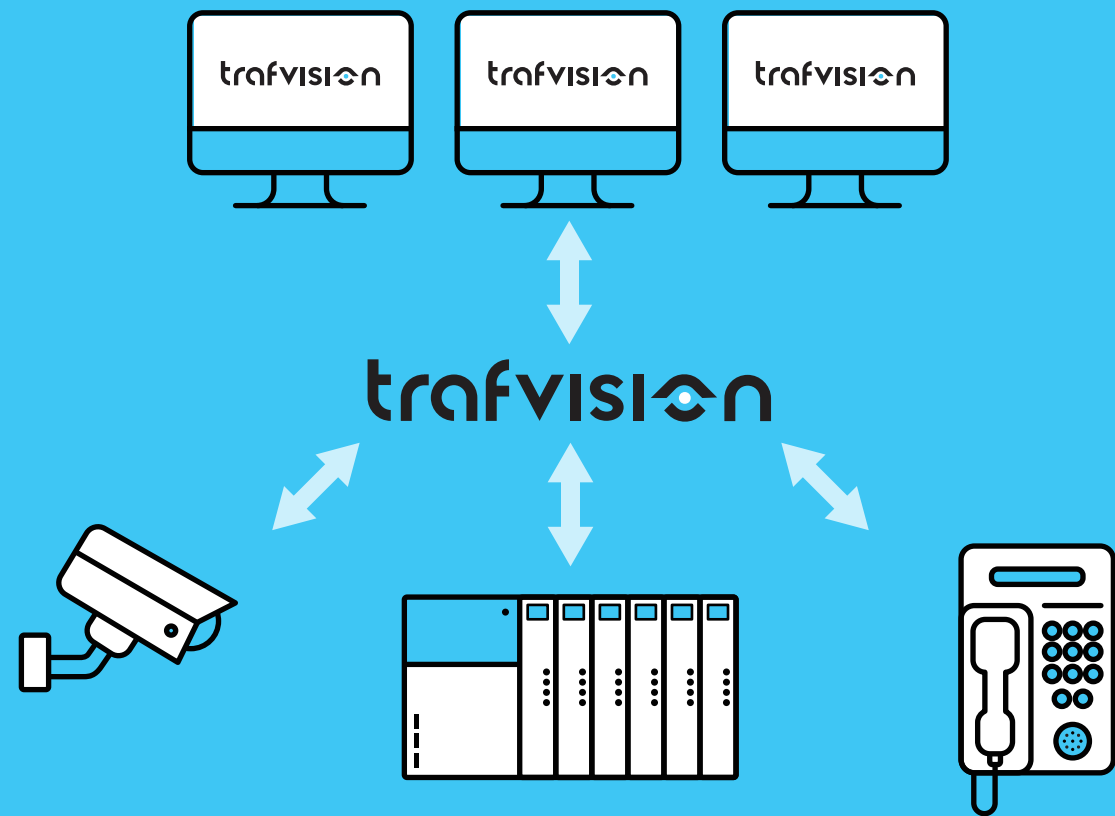


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Powerful modular software
for intelligent control,
monitoring and
operational follow-up



Integrates video, voice and data in one system

Trafvision is an industrial control and alarm management system for real-time control and monitoring of automation processes. The system is used to manage tunnels and road installations in Norway's two most tunnel rich regions. Trafvision is also well suited for use beyond monitoring and control and can be utilized for management and maintenance of installations.

Flexibility and scalability are some of the strengths of Trafvision – from an installation with just a few clients, to hundreds of installations with a virtually unlimited number of clients.

Trafvision collates the status and alarms of objects, displays video and receives audio/voice in one combined system.

Trafvision was originally developed for the control and monitoring of road installations but can just as readily be used as an industrial control system for other types of infrastructures, such as industrial processing plants or monitoring of public and private buildings.



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Monitors, alerts and gives expert advice

As a user of Trafvision, you can be confident that, behind the intuitive graphical user interface, updated information is being continuously processed.

When incidents occur, the system offers decision support to aid the user. Users can attach their own notes to alarms and incidents. In a critical situation, Trafvision will use predefined emergency plans to provide qualified advice on appropriate measures to be taken.

The installations monitored by Trafvision are modelled by the use of objects that are linked together in a communication hierarchy. The hierarchical construction of the model provides filtering to eliminate alarm avalanches. Incidents are divided into separate alarm levels in a manner that allows the information to be filtered to different groups of users. Fine grained access control grants users access to different parts of Trafvision and displays different types of alarms, depending on access levels.



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Customized to suit your requirements

Our system developers have built Trafvision from scratch and have focused on the development of an efficient, reliable and flexible system. The system's flexibility allows us to adapt it to our customers' requirements.

Trafvision is based upon an expert system, combined with a powerful central database. The system employs a flexible communications platform and modern technology. Trafvision has focused on using open and expansion-friendly components that can be adapted by the customers' own personnel and updated when new versions are launched.

The central database, which logs all incidents, together with the system's reporting function, makes Trafvision especially well-suited to manage the operation and maintenance of automation installations.

These factors make Trafvision a cost-effective, safe and future-proof system that can be developed in line with the customers' specific requirements.



screen image from Trafvision showing integration of cameras