



MyTunnel

The innovative solution for tunnel infrastructures

Reliable monitoring and seamless control

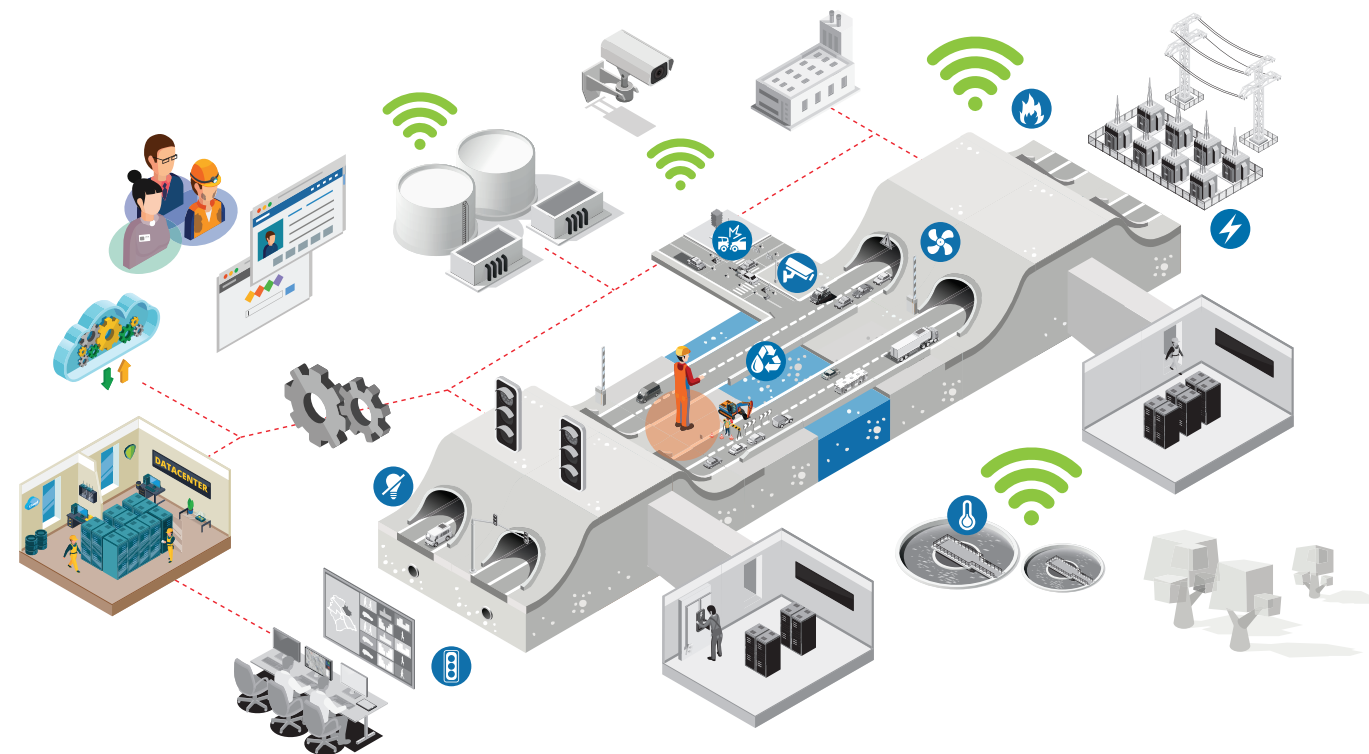
The smooth and safe operation of tunnel infrastructures poses a particular challenge for operators, as a large number of system-relevant subsystems must be reliably monitored and seamlessly controlled.

The tunnel management solution **MyTunnel** simplifies the continuous monitoring and control of complex tunnel infrastructures by bundling all subsystems, such as lighting, ventilation and traffic engineering, in a central application.

Complete integration of all systems and processes

MyTunnel is able to incorporate subsystems of any type and from different manufacturers and to integrate the processes of the individual subsystems into the central monitoring and control system.

As a result, **MyTunnel** improves the ability of police and maintenance to respond to operational and technical disruptions and makes a significant contribution to a more stable and safer operation of the tunnel system.

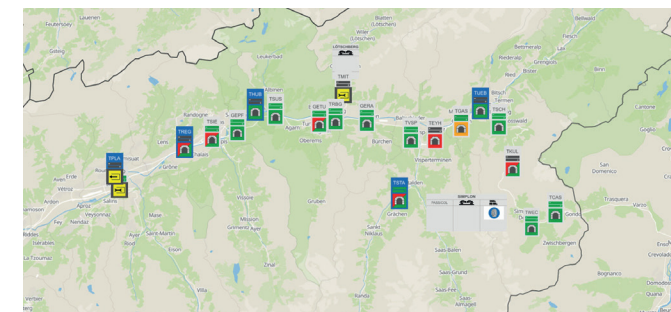


-  Fire alarm & extinguishing
-  Accident & incident management
-  Illumination
-  Ventilation & air quality control
-  Energy supply
-  Climate monitoring
-  CCTV Monitoring
-  Water quality & management

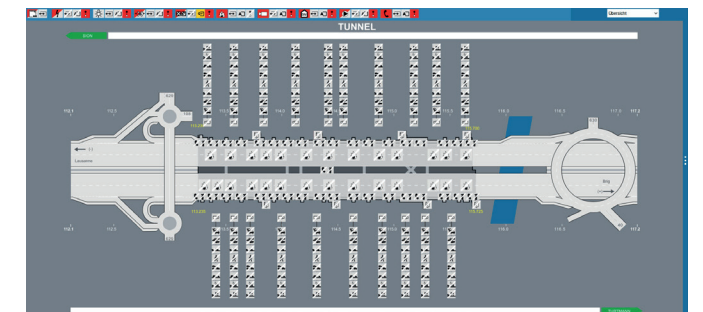
Individual tunnel systems and entire tunnel infrastructures

MyTunnel not only allows the precise monitoring and control of a single tunnel system, including all sub-systems, it is also able to combine several tunnel systems into a superordinate control system.

Each tunnel and system is visualized in **MyTunnel** with its respective processes and can be monitored and controlled directly out of the application.



MyTunnel as superordinate control system



The visualization of a tunnel system in **MyTunnel**

Intelligent alarm monitoring

MyTunnel takes over the safety functions of the entire tunnel system and ensures the reliable operation of all processes by instantly detecting and alerting to malfunctions and critical events.

Alarms for operational disruptions are signaled on a user group-specific basis, guaranteeing the rapid location and rectification of an incident by the responsible authority (such as police or maintenance).

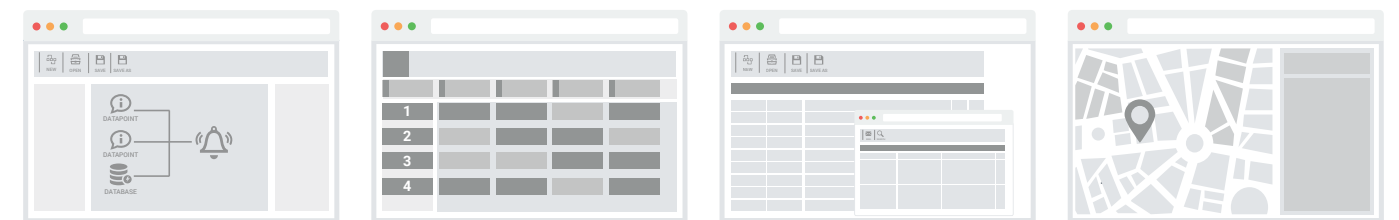
Reliable & immediate incident management

The operators of a control center are actively and fully supported in the management of alarms by fully and partially automated processes as well as by predefined workflows.

This allows emergency forces to be mobilized quickly and incidents and critical events to be managed promptly and efficiently.

Clear & situational action plans

The provision of situational action plans provides operators with clear strategies for responding to incidents and places important information immediately at their fingertips.



Advanced access and user management

MyTunnel is primarily characterized by the advanced management of access and user rights, which can be individually controlled and finely configured for each tunnel and each plant.

The detailed management enables a user to change his user role at runtime or for a plant manufacturer to have limited access to a single subsystem.

MyTunnel



THE SOLUTION AT A GLANCE



Central software platform for visualization, monitoring and operational optimization of all tunnel infrastructures



Preventive measures to avoid system failures



Early detection of critical events and failures



Comprehensive alerting as well as fully and partially autonomous intervention



Extension of the useful life of infrastructures



Event-based provisioning of on-call services



Advanced management of access and user rights



High level of integration and user-friendliness

Optimized planning of maintenance processes reduces structural costs

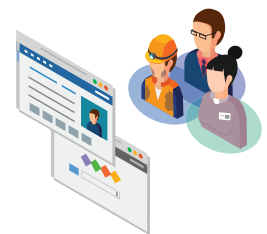
The option of a hosted solution as-a-service to reduce investment costs

ADDED VALUE FOR TUNNEL INFRASTRUCTURE OPERATORS

Future-oriented software architecture with field-proven technologies

Web-based deployment eliminates the need to install software on endpoints

Redundancy increases reliability and resistance to attacks and manipulation



Bergauer AG is a traditional Swiss company focusing on integrated solutions for the secure operation of technical systems in public infrastructures.

We have many years of experience in the integration of complex and heterogeneous traffic and infrastructure management systems.

As part of the international SWARCO Group, we have the know-how and technologies to support operators of urban and municipal transport and building infrastructures on their way into the digital age.