

MyTunnel

Infrastructure Management



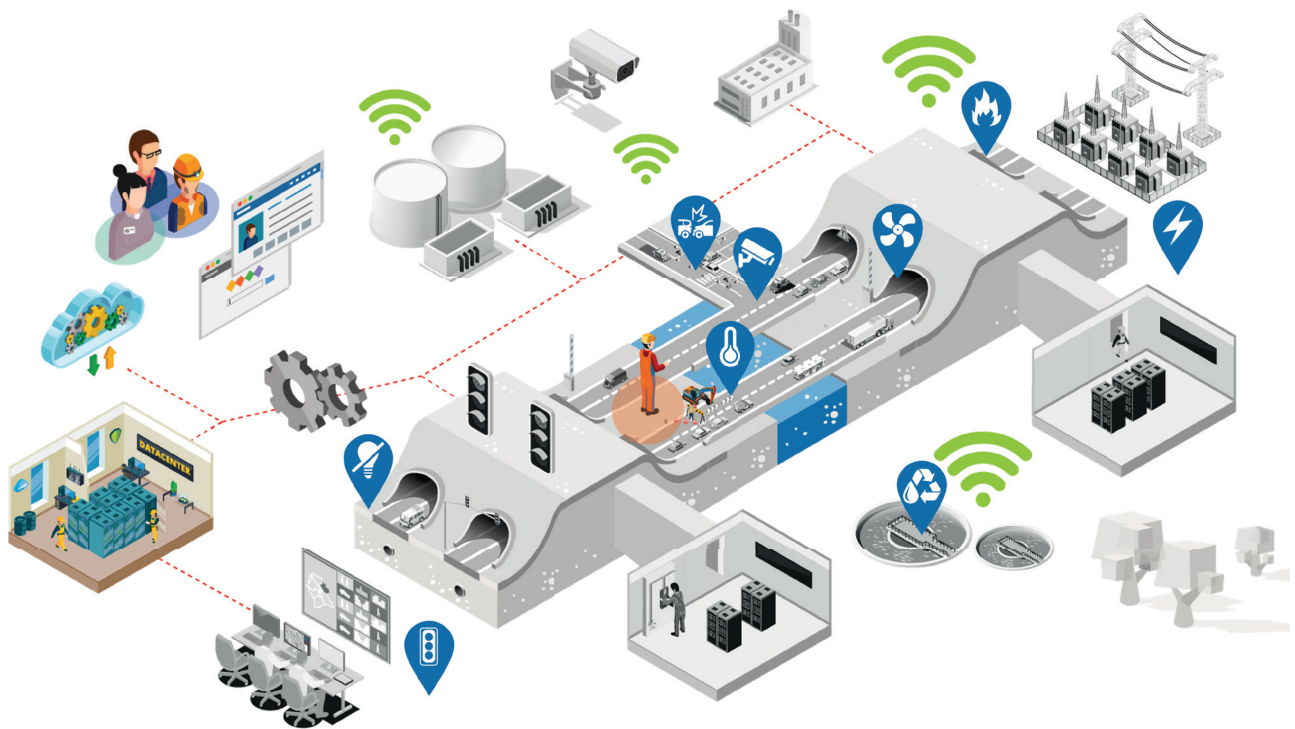
The Innovative Solution for Tunnel Infrastructures










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 monitoring and control of complex tunnel infrastructures by bundling all subsystems, such as lighting, ventilation and traffic technology, in a central application.

Complete integration of all systems and processes

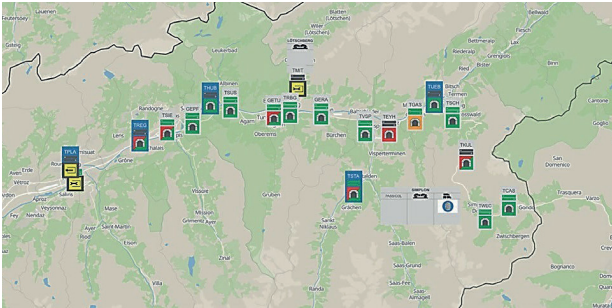
MyTunnel is able to integrate subsystems of all types and from different manufacturers and to integrate the processes of the individual subsystems into the central monitoring and control system. This means that police and maintenance personnel can respond to operational and technical disruptions and make a decisive contribution to the stable and safe operation of tunnels.



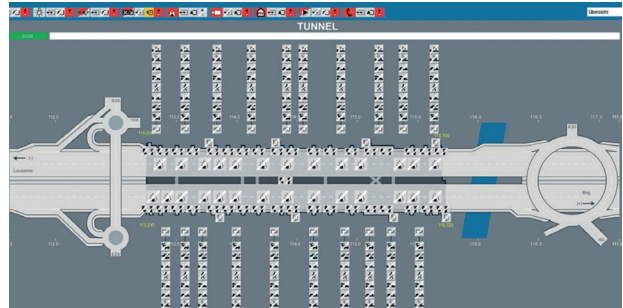
- | | | |
|---|--|---|
|  Lane control |  Illumination |  Accident & incident management |
|  Energy supply |  Climate monitoring |  Ventilation & air quality control |
|  CCTV monitoring |  Fire alarm |  Water quality & management |

Individual tunnel systems and entire tunnel infrastructures

MyTunnel enables precise monitoring and control of a single tunnel system including all subsystems. It is also able to combine several tunnel systems into a higher-level control system. Every tunnel and every system is visualized in **MyTunnel** with the respective processes and can be monitored and controlled directly from the application.



MyTunnel as a superordinate control system



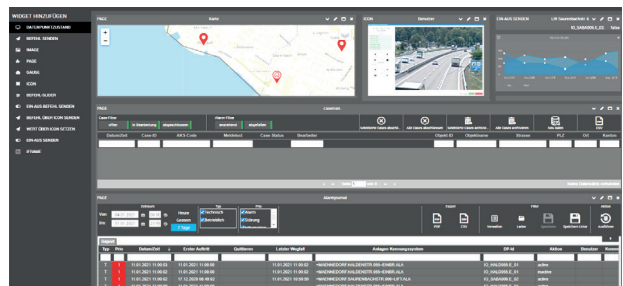
Visualization of a single tunnel site in **MyTunnel**

Intelligent alarm monitoring

MyTunnel takes over the safety functions of the entire tunnel system and ensures the reliable operation of all processes by immediately detecting and reporting faults and critical events. Alarms are user group-specific and ensure that malfunctions are quickly located and remedied by the responsible authorities (e.g. police or maintenance).

Immediate incident management

Fully and partially automated processes and predefined workflows provide control center operators with active and comprehensive support in dealing with alarms. This enables rapid mobilization of emergency services and efficient management of incidents and critical events.



Clear and situation-based action plans









Providing situational action plans gives operators clear incident response strategies and keeps important information at their fingertips.

Advanced access and user management




MyTunnel is characterized by advanced management of access and user rights, which can be individually controlled and finely configured for each tunnel and site. Granular management allows a user to change their user role at runtime or grant a site operator limited access to a single subsystem.

MyTunnel

THE SOLUTION AT A GLANCE

-  Central software platform for monitoring and controlling 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
-  Optimized planning of maintenance processes reduces structural costs
-  Advanced management of access and user rights
-  High level of integration and user-friendliness
-  The option of a hosted solution-as-a-service to reduce investment costs

ADDED VALUE FOR OPERATORS

-  Future-oriented software architecture with tried-and-tested technologies
-  Web-based solution eliminates the need to install software on the end devices
-  Redundancy for increased reliability and resistance to attacks and manipulation

Bergauer – The experts for traffic control and infrastructure management.

The traditional Swiss company Bergauer focuses on integrated solutions for the secure operation of technical systems in public infrastructures. Bergauer has many years of experience in integrating complex and heterogeneous traffic management systems.

As part of the international SWARCO group, Bergauer has the technology and experience to accompany and support operators of transport and building infrastructure on their way into the digital future.



www.bergauer.ch

MyTunnel - Brochure - V03.00 EN

 **BERGAUER**
A SWARCO Company