



ALTRAVIS

Network management, alarm tracking, visualisation and monitoring of critical infrastructures

ALTRAVIS from Swisscom Broadcast offers a unique, intelligent network management and building automation system that comprehensively maps the current status of equipment and networks anytime, anywhere.

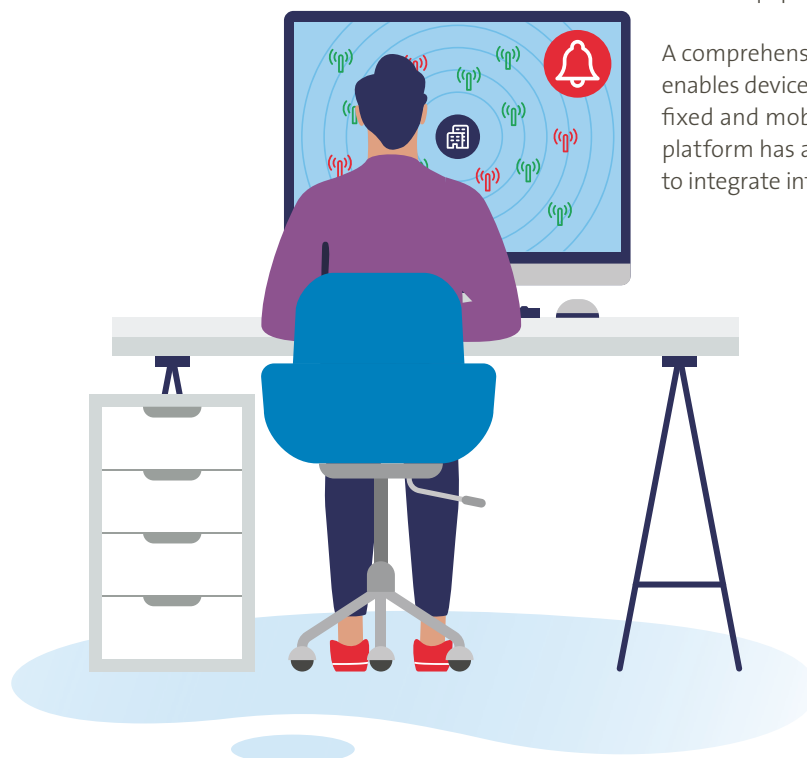
ALTRAVIS collects all alarms from the subnetwork and displays them on interactive maps using geodata. All technical systems are displayed on the site map. The intuitive user-friendly interface with profile-controlled filtering comprises editable maps at network, area and site level. You can customise contexts, topologies and charts to your specific needs using the flexible graphic script editor. A platform based on the latest web technologies guarantees maximum flexibility and scalability. A feature based on the Git protocol provides immediate, round-the-clock access to extensive configurations of different versions.

Monitoring and managing critical infrastructures

ALTRAVIS also allows complex commands to be defined and executed. The system supports the majority of modern building automation interfaces, making it a key application for monitoring and managing critical infrastructures.

Building infrastructures can be simply drawn with floor plans or imported as 3D BIM data and displayed in the browser in real time. Moving objects, such as vehicles or mobile equipment, are displayed in real time.

A comprehensive, fully editable dashboard enables device-independent display on both fixed and mobile devices. The ALTRAVIS platform has a modular design and is easy to integrate into existing structures.



ALTRAVIS – feature highlights

Save time and money by increasing the security and efficiency of your operational and production processes. ALTRAVIS offers a wide range of features to support the management of your critical infrastructures and building automation. The ALTRAVIS platform has a modular design, is easy to integrate into existing structures and can be extended as required. A fully editable dashboard enables device-independent display on both fixed and mobile devices, keeping you up to speed with the status of your networks and devices.

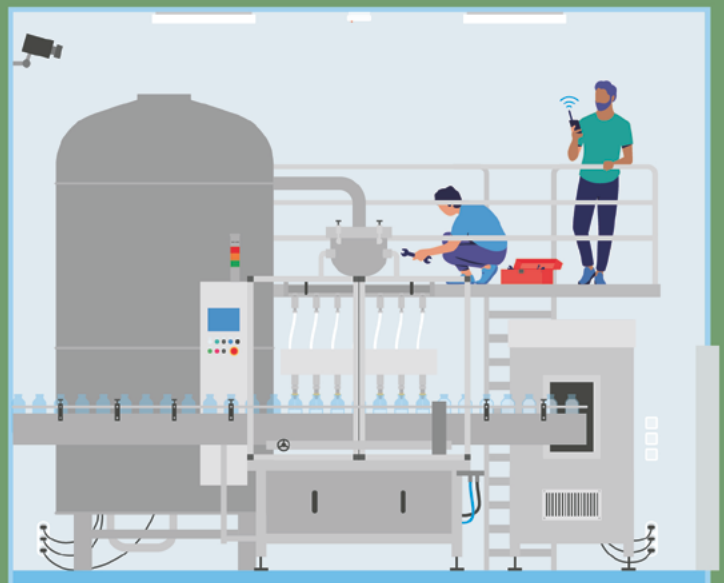
Highly sensitive areas

The ALTRAVIS dashboard provides a consolidated overview of those areas requiring enhanced security measures, giving you access to sensor, access control and intruder alarm data at a glance.



Interactive maps

ALTRAVIS allows you to monitor your private radio network in vehicles and track your fleet's position data.



Integrate new network elements

You won't lose precious time due to production stoppages. ALTRAVIS keeps you up to speed with the status of your machines and allows you to respond immediately to disruptions.

ALTRAVIS Frontend

This is where everything comes together. Your ALTRAVIS administrator monitors all the elements of your complex infrastructure and can use role assignment to authorise any user to view sections of ALTRAVIS.



Comprehensive alert system

ALTRAVIS allows you to extend the alert system for your network and private radio infrastructure as required, to include humidity or temperature sensors, for example.

Cloud or on-prem

Choose between a cloud or on-premises solution. If it is important that data is stored internally at your company, ALTRAVIS can be installed locally on your server.



Network and smart building

With ALTRAVIS, it is easy to keep track of your IP-based systems, so you know whether all the printers, Wi-Fi hotspots, motion sensors and light management systems are working.

Radio network

Your radio network base stations are already integrated into the basic version of ALTRAVIS, giving you full control of your private radio at all times.

Mobile dashboard

ALTRAVIS is based on the latest web technology and can also be used via mobile devices. Alerts can be sent by SMS or e-mail. You are kept up to date and can act quickly if necessary.

With ALTRAVIS, stay up to speed with the current network status

1. ALTRAVIS can be easily integrated into POLYCOM systems, radio relays, multiplexers, air-conditioning systems, routers, switches, and much more besides.
2. A fully editable dashboard enables device-independent display of all equipment and systems on both fixed and mobile devices. Alerts can be received on a range of different communication channels.
3. ALTRAVIS is modular, multilingual, individually scalable and quick to set up. The system is easy to integrate into existing structures.
4. All subnetwork alarms are collated and displayed on interactive maps based on geodata from OpenStreetMaps, Google Maps or a proprietary GIS server.
5. Building infrastructures can be simply drawn with floor plans or imported as 3D BIM data and displayed in the browser in real time.
6. Moving objects, such as vehicles or mobile equipment, are displayed in real time.
7. A feature based on the Git protocol provides access to configurations of different versions.
8. ALTRAVIS provides numerous building automation, network monitoring, event management and video monitoring features.
9. Contexts, topologies and charts can be customised to individual needs using a flexible graphic script editor.
10. ALTRAVIS central enables the consolidation and monitoring of several subnetworks within a monitoring system.

Our experience with ALTRAVIS in the Network Management Center

As Switzerland's leader in the maintenance of POLYCOM systems, Swisscom Broadcast has also introduced and tested ALTRAVIS in its own Network Management Center (NMC).

The path from fault report to rectification has shortened significantly since the introduction of ALTRAVIS. The NMC receives alarms from the monitored networks continuously and retains a clear overview, eliminating the need for periodic checking and acknowledgement. Fast alerts and new remote control options mean faults can be resolved significantly more quickly and efficiently.

Less effort – better service quality

ALTRAVIS networks us with our customers so we always have access to the same information and can react to faults as rapidly as possible. Our work processes are efficient, and our customers enjoy improved service quality.

Enjoy the benefits of an ALTRAVIS solution yourself! We will be happy to advise you.

Your contact person

Christoph Studer

Key Account Manager

E-mail christoph.studer1@swisscom.com
Telephone +41 58 223 09 02
Mobile +41 79 445 13 71

Swisscom Broadcast Ltd
Ostermundigenstrasse 99 | 3050 Bern

swisscom.ch/altravis