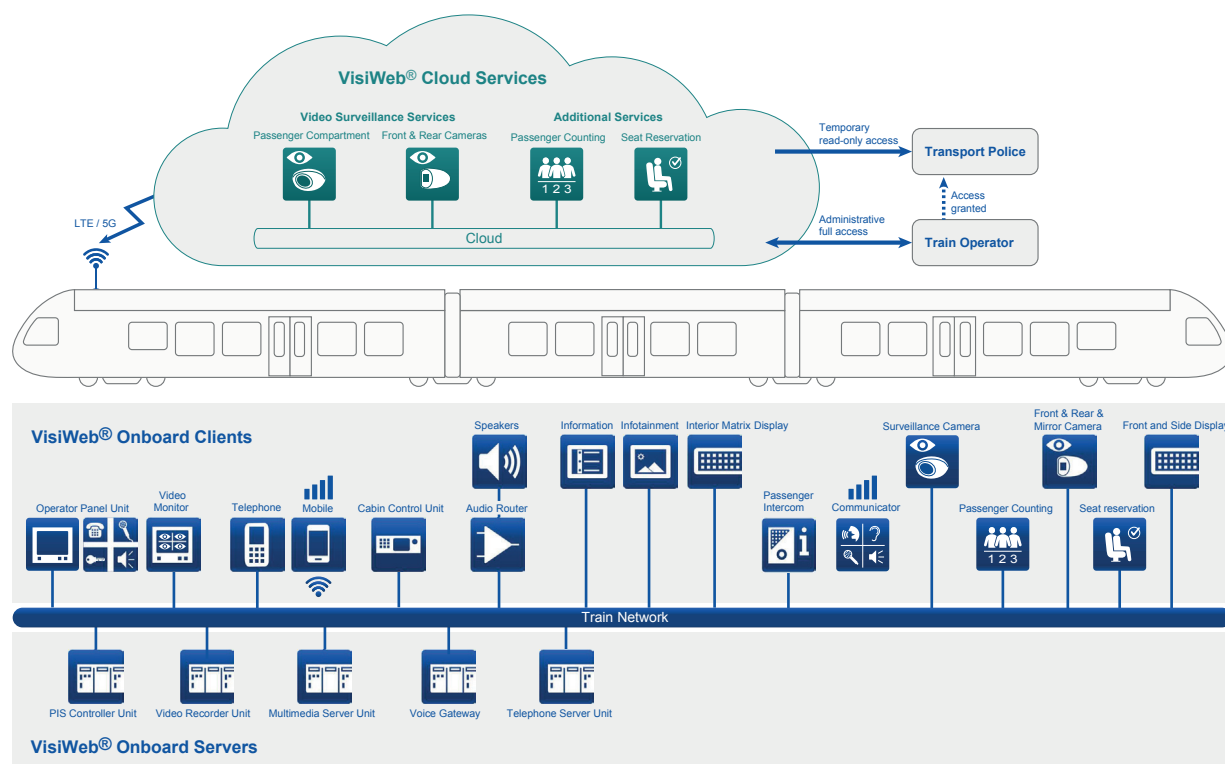


VisiWeb® Video Surveillance as a Service

Cloud-based, intelligent video surveillance and analytics solution for vehicles in public transport



VisiWeb® Surveillance as a Service (VisiWeb VSaaS) is the cloud-based video surveillance solution for public rail transport. It combines state-of-the-art edge computing on board the vehicle with secure video management in the cloud. VisiWeb VSaaS flexibly adapts to evolving requirements and scales from a single vehicle to entire fleets.

Edge meets cloud intelligence

With an intelligent combination of edge computing in the vehicle cameras and cloud-based video management, VisiWeb VSaaS is redefining conventional onboard CCTV with a powerful, scalable solution. This innovative approach moves video analytics directly into

the smart IP cameras, at the point where the data is generated. This can eliminate the need for a dedicated onboard video recorder (NVR). At the same time, the cloud-based video management platform enables centralised, user-friendly review and evaluation of video footage from all interior and exterior cameras – scalable from single vehicles to entire fleets.

VisiWeb VSaaS benefits

- Immediate availability of recordings in the event of incidents (24/7)
- Location-independent access
- Reduced maintenance effort due to centralised cloud administration
- Scalable from a single vehicle to entire fleets

VisiWeb® Video Surveillance as a Service

Efficient and fast evaluation

With VisiWeb VSaaS, both response times and the effort required for incident analysis are reduced to a minimum. The former time consuming process of manually extracting the storage media from the vehicle and handing it over for evaluation is eliminated.



To review the video footage, the authority is granted secure, temporary access to the VisiWeb VSaaS cloud.

Secure access to the platform

With VisiWeb VSaaS, the transport operator can provide investigating authorities with secure, temporary access to the platform via an individual share link. With their integrated

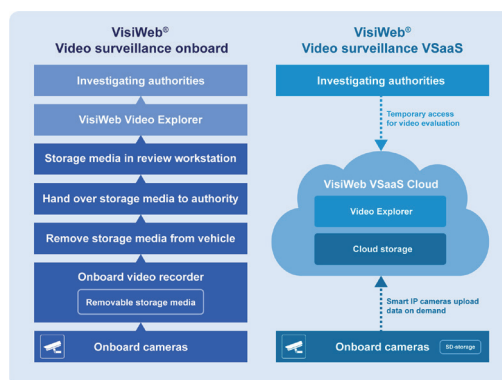
processing power (edge computing), the smart IP cameras perform initial analysis and pre-processing. When required, the cameras upload video data to the cloud platform over a secure LTE/5G connection for review and evaluation.

Optional features

Edge computing can additionally support powerful processing functions. This enables, for example, precise monitoring of boarding and alighting for video-based passenger counting, supporting the optimisation of timetables and resource allocation. In addition, AI-assisted image analysis allows event-based video recording.

Security and data protection

The system is fully GDPR-compliant and hosted on servers within the EU. Advanced encryption algorithms ensure the highest level of transaction security. Rights- and role based access control provides rail operators with logged and auditable access to cloud-based video management.



Contact

For further information on VisiWeb Surveillance as a Service (VSaaS) and the VisiWeb passenger information system please contact:

Ruf Group
Mr Christian Landert
+41 44 733 83 29
christian.landert@ruf.ch

Ruf Group
Mr Bajram Demiri
+41 44 733 83 31
bajram.demiri@ruf.ch

Scan the QR code to visit
the VisiWeb VSaaS website

