

Video Surveillance in SBB Trains



SBB CFF FF



Video



Videoüberwachtes Fahrzeug
Voiture sous surveillance video
Veicolo videosorvegliato
Video-controlled car

Video!



Video Surveillance in SBB Trains

Motivation and Goals

Initial position

- Vandalism and annoyances of passengers and employees in our regional trains increased dramatically during the last years.

Goals

- Reduction of Vandalism.
- Personal protection (passengers and employees).
- Preservation of evidence in case of encroachments and vandalism.
- Image improvement.
- Quality increase.
- Efficient deployment of security-forces.

Video-surveillance must be preventive!

Video Surveillance in SBB Trains

Prerequisites

Security concept

- In addition to the employment of human resources, like Transport Police, SBB decided to introduce electronic devices:
 - Video surveillance in regional trains.
 - Alarm unit, allowing direct contact with Transport Police.
- Adapted to handicapped people:
 - Alarm units in accordance with recommendations of the BÖV (Swiss Office for Handicapped and Public Transport):
Positioning, Operating, Colours, Buttons

Video-surveillance must be preventive!

Video Surveillance in SBB Trains

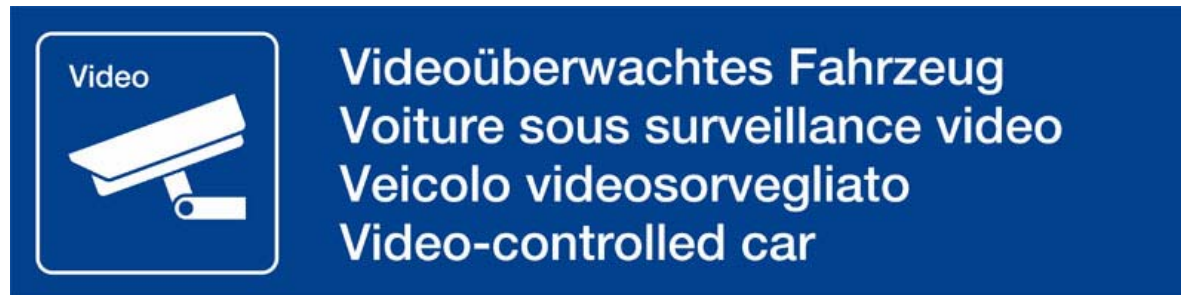
Prerequisites

Data Privacy

„The Federal Council allows the SBB to supervise its trains and railway stations with video-cameras, in order to increase security. This regulation is effectuated from January 1, 2004 onwards“

„According to the Act on Data Privacy, the SBB are a State Agency. Thus, a regulation as legal basis for the introduction of Video Surveillance is necessary.

Private Railways can introduce such measures independently.“



Video Surveillance in SBB Trains

Concept

Video recording

- On average six cameras per coach can cover the complete passenger area.
- If possible, cameras supervise each other.
- Recording is continuous. No audio-recording!
- Recordings are stored for 24 hours.
- Data privacy regulations are fully respected
- Only the Transport Police has access to the (encrypted) data.
- For operational safety reasons, the engineer is excluded from the video surveillance process.
- The video recording system is integrated with SBB's APFZ system (In-Train platform for passenger applications).

Video Surveillance in SBB Trains

Concept

Alarming

- Whenever a passenger pushes the alarm-button, a direct voice-connection with the Transport Police is established.
- Transport Police will act from case to case.
- Transport Police can establish an online video-link with the train.
- The phone number of the Railway Police is published in every coach.

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Alarming



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Video surveillance



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Transport Police



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Experience after 18 months

- Since the end of 2004, video surveillance is operational in 230 coaches and in over 60 train-compositions.
- By the end of 2009, all remaining coaches and compositions will be equipped.

- ✓ Very high customer-acceptance: increased sense of security.
- ✓ Costs of vandalism reduced by 60% in equipped coaches.
- ✓ Significant reduction of encroachments, molestations and harassments.
- ✓ Trains are less dirty.

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Thank you!

For information, please contact

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