Integrated Security, Safety and Video Management Solution

BOSCH
Invented for life

License Plate Recognition

Bosch Security and Safety Systems and Tattile

**BVMS
Operator Client**

▶ License plate recognition at the edge for reduced installation effort

▶ Creation of blacklists to keep track of pre-defined vehicles

▶ BVMS alarm management for real-time notification of detected vehicles

▶ Forensic search of vehicles for post-analysis

Tattile
Custom Vision Solutions

BVMS combined with Tattile's automated number plate recognition cameras allows for quick license plate recognition with reduced installation effort. Tattile's cameras extract the number plate directly from the image on the camera itself, thereby eliminating the need for a separate software.

Currently, the integration allows for two use cases: creation of blacklists for real-time notification about the appearance of a certain vehicle and forensic search of vehicles for post-analysis.

Thanks to the blacklists, operators are notified immediately if a known number plate is detected by one or multiple cameras, allowing them to track the vehicles pro-actively and prevent further incidents. The license plate blacklist can be configured from BVMS by loading a textfile in the image pane and editing the text file. The text file is then sent to the Tattile cameras via FTP.

The Forensic Search functionality enables the operators to find all the detections of a certain number plate, allowing them to easily see the different locations of a vehicle over time. This provides them with an overview how the vehicle moved through their area of interest.

Compatibility

Tattile	Bosch devices
Tattile Vega Basic Tattile Vega Smart Tattile Vega1	BVMS 10.1 (or newer)

Applications / Vertical Markets

Commercial buildings

City Surveillance

Smart city

Highway monitoring

Key features

BVMS Forensic Search
BVMS Forensic Search allows for detailed analysis where a certain vehicle was captured over time.

BVMS alarm management
BVMS alarm management triggers an alarm if a vehicle, which is listed in a blacklist, is captured by one or multiple cameras, making sure the operators are notified immediately and can react accordingly.

Reduced installation effort and very resilient
As the number plate recognition is directly realized in the cameras, there is no need to install further software.

Moreover, if one of the cameras doesn't record anymore, only information from this specific camera is missing. The rest of the cameras is still providing data. If a central processing server is responsible for multiple cameras, none of these cameras can provide information anymore if this server breaks.

Broad coverage of number plates
The Tattile Traffic catalogue 2020 presents the automated number plate recognition coverage. The majority of the world is already covered and new countries are added every month.

Adding Tattile cameras to BVMS

Tattile camera
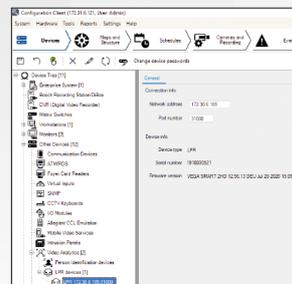
Adding LPR camera to BVMS

The Bosch division Security and Safety Systems is a leading global supplier of security, safety, and communications products, solutions and services. Protecting lives, buildings and assets is our aim. The product portfolio includes video surveillance, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communication of voice, sound and music complete the range. Bosch Security and Safety Systems develops and manufactures in its own plants across the world. Additional information can be accessed at **www.boschsecurity.com**

Since 1988 **Tattile** has developed and produced ANPR cameras for ITS & Mobility applications.
A high-tech company with a strong international outlook. We have always distinguished ourselves by our sharp innovation capacity and collaborative spirit which animates the entire organization.
Strong international projection, more than 80% of our turnover is derived from overseas , thanks to a network of top class international System Integrators and local partners.
Find out more at **https://www.tattile.com**