TerraPass

Vehicle gateway for screening persons

mAGNETIC®
ACCESS TO PROGRESS

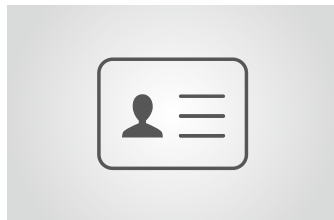

For checking persons and vehicles

Highly reliable identification and low personnel costs – this was the guiding principle during the development of TerraPass. Our new TerraPass screening gateway automatically screens persons and vehicles without people having to leave the vehicle. It is therefore ideal for use at frontiers and at entrances to security-relevant areas such as airports, power stations, company grounds or military bases. The screening process is straightforward for users: the vehicle enters the gateway and the back barrier closes behind them. Then the terminals approach the vehicle windows with pinpoint accuracy. Depending on the configuration, the driver and up to four passengers in the vehicle can be simultaneously screened. Identification of the passengers takes place via the appropriate screening terminals. Identification can take place via biometric features, identification documents, code cards or intercom, depending on the group of persons involved and the security requirements. The data are compared with the appropriate database. After successful identification and with appropriate access rights the terminals move away from the vehicle, the front barrier opens and the vehicle can enter the secured area.

Identification via biometry
TerraPass offers dependable identification via biometric features. Fingerprints, facial geometry or the structure of the iris and retina can be detected using appropriate modules and compared with existing personal data.
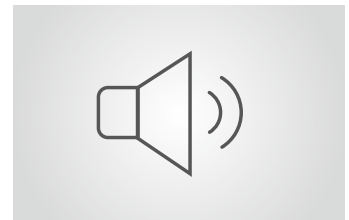
Identification via documentation
Identification is also possible via identity documents. Data can be read out from ID cards and passports with the appropriate modules and checked using database queries.

Identification via code cards
The use of code cards is often the most suitable means of identification for a clearly defined group of persons. TerraPass can permit access via an appropriate code reader after a positive reply from the database.

Identification via communication
In some cases communication via an intercom is quite sufficient for identifying users. The appropriate module for this, too, can be integrated in TerraPass.

MAGNETIC AUTOCONTROL GMBH
www.magnetic-access.com

ACCESS   AFC   IMMIGRATION   BOARDING

TerraPass
Vehicle gateway for screening persons

Max. 60 cm
Max. 60 cm

> Dependable identification of persons and vehicles without personnel

> Automatic height adjustment and approach of terminals to vehicles

> Comfortable and intuitive use by passengers

> Maximum safety for occupants and vehicle due to optical sensors

> Large, easily adaptable, installation spaces for customer modules

> Simple software integration in higher-ranking systems

Advantages

High-security screening	The biometric process achieves a greater security level than a personal screening of people.
Vehicle safety	The sensor-supported control of the terminals effectively prevents any possible collision with the vehicle.
User safety	The sensoric detection of the surroundings provide optimum protection for persons in all situations.
Plant safety	Installation from the roof minimises damage to TerraPass terminals from water, dust, dirt and accidental collisions with vehicles.
High level of user-friendliness	The terminals with the modules stop about 10 cm in front of the occupants' windows. Manual height re-adjustment is also possible.
Simple integration in existing security infrastructures	TerraPass software is easily integrated in higher-ranking systems using the appropriate driver. A graphic user interface simplifies operation, maintenance and monitoring.
Low personnel costs	Generally only one person is required to monitor one or more TerraPass plants.
Tried-and-tested technology	The proven drive and control system technologies have been used in Magnetic MircoDrive barriers for many years.

MAGNETIC AUTOCONTROL GMBH
Grienmatt 20
D-79650 Schopfheim
Germany
Phone +49 (0)7622 695-5
Fax   +49 (0)7622 695-800
e-mail info@magnetic-germany.com

Member of

FastPass

TerraPass was developed as part of the EU's FastPass automated border control project.