www.youtube.com/watch?v=aWGt8ifcAVw

Hybrid license plate

➜ Vehicle identification made easy

➜ Effective measure to deter and detect fraud and abuse

➜ On the inside of the windscreen protected against theft and manipulation

➜ Besides official safety applications also for further applications can be used, such as access or toll control

➜ Numerous other security features possible

DKT
SECURE TRAFFIC SOLUTIONS

Hybrid license plate

Thanks to UHF/HF RFID technology, both in stationary and moving traffic, simple readers, vehicle data from registration and individual information can be called up at any time and in real time. For example, a common Android mobile phone and our CarCon APP solution makes it possible to check the vehicle registration data or to determine whether the vehicle is insured or taxes have been paid. Further use cases such as data from technical vehicle monitoring (PTI), parking authorisation, tolls or access control are also possible with the hybrid solution.

Through our hybrid tag, data can be from the vehicle registration easily via common mobile phones can be read out.

DESIGN PATTERN

Dominican Republic

Equador

RFID scanners and readers

Proven overhead readers and RFID reader products mounted on gantries, toll bridges or existing transport infrastructure read the existing data via the UHF antenna. Handheld readers enable vehicle data control even in stationary traffic or with parked vehicles.

UHF scanner

UHF antenna

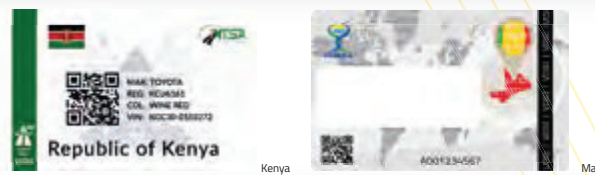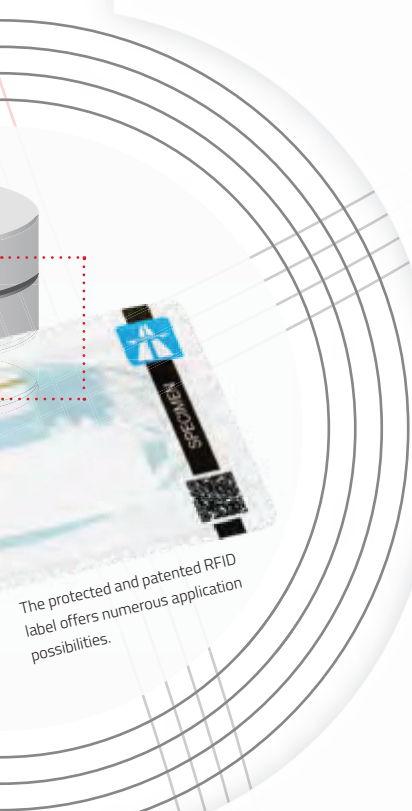## Vehicle identification/registration solutions

By means of online enquiries to the central information platform, there are no limits to the use of a standard database. You as the operator decide which data is stored, which third party or organisation may access the protected database.

In addition to the unique vehicle identification number (VIN), numerous other identification features such as registration date, make, type, colour, HU/AU due date or exhaust gas classification can be stored.

Via a protected platform, authorized persons can log on to the system with a terminal of their choice (with personal access code).

Data can be synchronized in real time via GSM connection or you can work offline and synchronize your end device at a later time.

The protected and patented RFID label offers numerous application possibilities.

Kenya

Republic of Kenya

Mali

DESIGN PATTERN

Software CarCON with mobile APP solution

Our developed CarCon software is a central database solution and compares the stored data on the third license plate hybrid with the vehicle data and information from the vehicle registration and other applications of a vehicle (for example insurance, taxes, technical vehicle inspection, etc.). If a comparison is negative, registration data is incorrect or manipulated or the vehicle is reported stolen by the police authorities, the status is displayed in real-time in our mobile APP solution. Different users can have different control and access rights.

Especially the fast retrieval of vehicle data and information at checkpoints, whether during traffic controls or technical vehicle inspections (PTI stations), the CarCon APP is a modern instrument for vehicle identification at the highest level!

The vehicle data collected during registration and vehicle operation is becoming increasingly important, whether during vehicle inspections, accidents or periodic technical vehicle inspections.

Central vehicle database with connection to the local approval process.

Reliable vehicle inspection for authorities and private users.

Goal: safe and correct vehicle data in real time with stationary and flowing traffic to make available and to use.

Mobile applications and queries of vehicle/owner data are possible at any time.

simple and reliable validation of the number plates on the vehicle with the vehicledatabase.

Other applications such as parking authorizations, access control, tolls or technical information for technical vehicle monitoring can be combined.

Online verification via smartphone with mobile solutions.

Safe and innovative in combination with state-of-the-art traffic sign systems.

Double comparison of data via camera and RFID tracking.

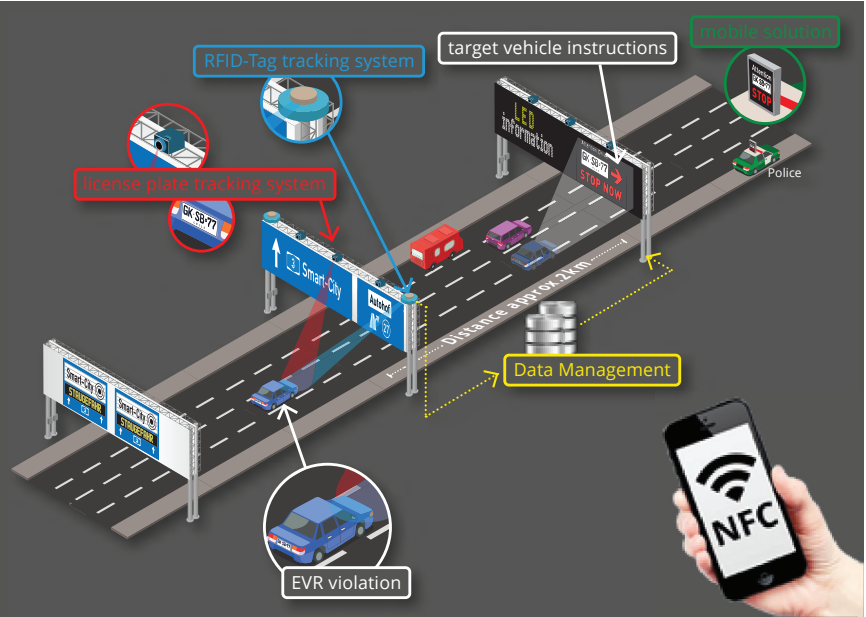Can be combined with Road Safety and Smart City Realize concepts.

Increased protection against theft, manipulation, fraud and falsification of license plates.

Vehicle identification

With the RFID–3rd License Plate Hybrid, the vehicle data can be read either remotely with an RFID reader in flowing traffic or up close via smartphone apps.

Readout in flowing traffic brings more transparency through clear vehicle recognition, for example in the area of crime and terror protection. Reading out using a smartphone, on the other hand, reduces complexity because there is no need to purchase a reader.

RFID-Tag tracking system

target vehicle instructions

mobile solution

license plate tracking system

Smart-City

Distance approx.2km

Police

Data Management

EVR violation

NFC

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SECURE TRAFFIC SOLUTIONS