TÖNNJES
THE VEHICLE IDENTIFICATION COMPANY

SOFTWARE SOLUTIONS

Complete IT solutions

Our all-in-one tailored systems are an efficient, forgery-proof and tamper-proof way to manage the entire national vehicle registration process, integrating all the necessary interfaces used by government bodies.

Our complete range of services can be used for all nationwide and state-specific production and administration tasks involved in the vehicle registration process, including registration, licence plate production, dispatch, logistics and data collection. Our integrated security management systems guarantee uninterrupted monitoring.

We also offer all the necessary production equipment as part of our comprehensive package. Our cutting-edge infrastructure guarantees a reliable registration process, cuts administration costs and protects against crime.

CERTIFICATIONS:
TÖNNJES
is ISO 9001 and ISO 14001 certified.

Our complete range of services includes:

→ Supply of systems & tools for vehicle registration and related tasks

→ Provision, installation and operation of production equipment

→ Centralised order management system for storage, production and order monitoring (tracking and tracing)

→ Hardware and software solutions for electronic vehicle identification (EVI)

→ Management of returned licence plates

Benefits

→ Minimal administration costs

→ Efficient inventory management

→ Precise licence plate billing

→ Reliable basis for tax and toll charges

→ Protection against forgery and manipulation

→ Management of returned licence plates with logged destruction of plates to prevent criminal misuse

→ Increased revenue via licence plate personalisation programmes

→ Contactless vehicle identification with the integration of RFID technology, e.g. to restrict access and for commercial purposes

→ Accurate traffic surveillance

→ Access control

→ Automated traffic and toll surveillance

→ Automated generation of penalty notices

→ Secure cashless payment systems, e.g. in car parks

Vehicle registration with added value

Our IDeTRUST® registration software organises and manages the official vehicle registration process. It can be integrated into all existing IT systems and tailored to each customer's requirements.

IDeTRUST® is a reliable solution used to manage vehicle registration and all related processes like order entries, the production of licence plates and registration documents, storage and dispatch. The interfaces of all necessary bodies can be linked to transfer and verify registration data across a nationwide infrastructure, including tax authorities, police, customs and insurance companies.

This connection allows the automated control of payment deadlines and facilitates police investigations and administrative procedures. IDeTRUST® guarantees maximum data security by implementing an encryption system that complies with international standards.

IDeTRUST®
Software Solutions

Benefits and applications

→ Management and organisation of the entire registration process, including archiving, administration and data verification

→ Can be connected to databases and other interfaces used by the police, tax authorities and insurance companies

→ Minimal administration costs

→ Automated control of payment deadlines

→ Integration of commercial services

→ Standard interfaces available for all solutions to ensure secure data exchange

→ Tailored to each customer's requirements

→ Integration of online portals and mobile apps

→ Simple and intuitive design with modes for beginners and experts

Inventory management

Electronic Ordering
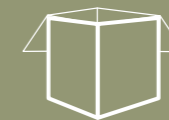
Registration office

IDeTRUST® Software

Status update & reporting

Licence plate production

Serialisation and capturing

Packaging & Despatch

Stock management

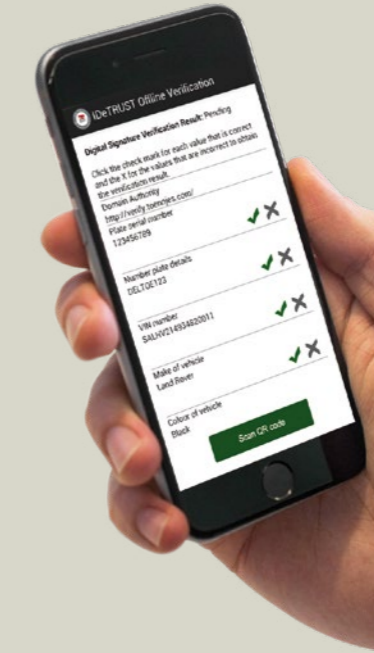Shipping (Tracking & Tracing)

Mobile vehicle identification on your smartphone

Our IDeTRUST® Verification App is secure, portable and easy to use, letting you reliably identify vehicles on your smartphone with no Internet connection required. This convenient solution is used for traffic checks, access control and commercial purposes.

Benefits and Applications

→ Data verification app for smartphones using QR codes and/or RFID chips

→ Online and offline modes

→ Data encrypted to the highest security standards

→ Protection against forgery and manipulation

→ Reliable vehicle identification for official and commercial purposes

→ Further security features can be integrated

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EVI – Electronic Vehicle Identification

· IDePLATE®
· IDeSTIX®
· IDeSTIX® easy
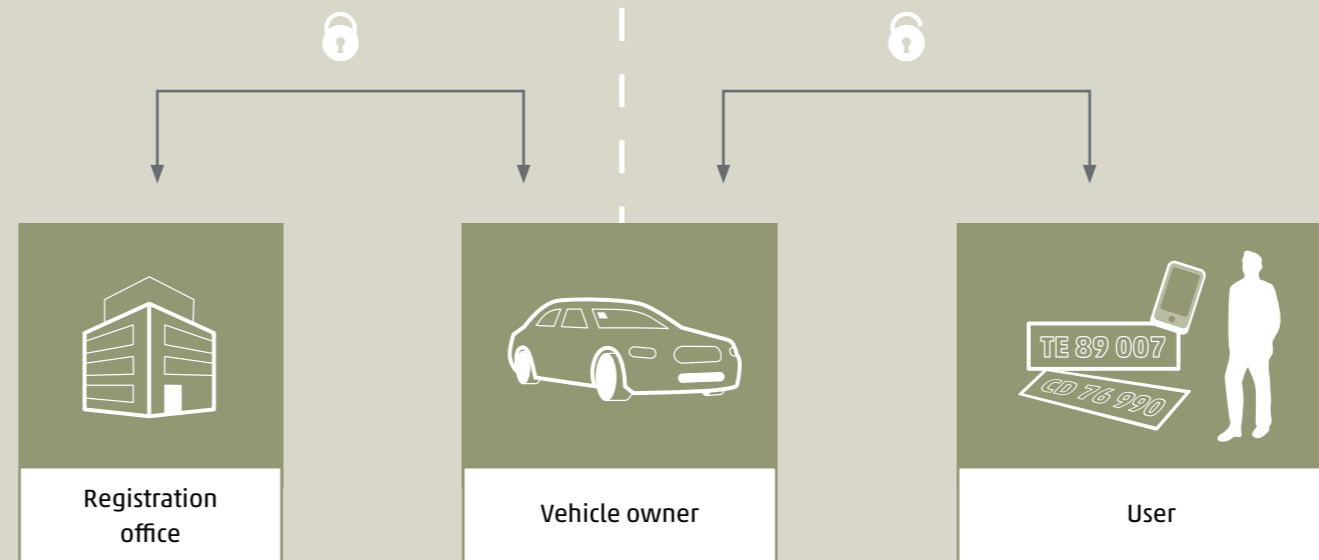· IDeSTIX® Headlamp Tag
· IDeTRUST® RFID Middleware

IDeTRUST®
Verification App

Visible vehicle data can be encrypted on an RFID chip or QR code and saved to the licence plate (IDePLATE®) or "Third Licence Plate" (IDeSTIX®) during the registration process. The data can be retrieved using the IDeTRUST® Verification App, which can be installed on all standard smartphones. An Internet connection is only required to install the app; vehicles can then be identified offline as well. The IDeTRUST® Verification App is designed to monitor traffic and access, but it can also be used for commercial purposes.
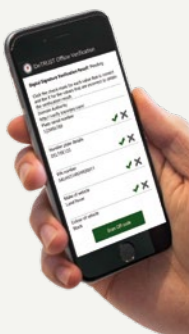
Private Key encryption

Public key decryption

Registration office

Vehicle owner

User

Software Solutions

IDeTRUST® Software Solutions:
· IDeTRUST® Order Mangement Software
· IDeTRUST® Vehicle Registration Software
· IDeTRUST® RFID Middleware
· IDeTRUST® Verification App

Internationally present and operational

TÖNNJES
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Security Solutions

· Holographic windshield labels
· Holographic licence plate label
· Serial number and bar codes
  including digital signatures
· Watermarks
· Hot stamping foil
· Security screws & caps
· Plate holder
· Tamper proof licence plates

Production Technology

· Production lines
  and custom machine development
· Roll-to-roll solutions
· IDeROBOT®
· IDePRESS®
· Manual embossing presses
· Embossing tools
· Hot stamping machines

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TÖNNJES INTERNATIONAL GROUP

Syker Straße 201
27751 Delmenhorst
Germany

Tel.   +49 (0) 4221 795-315
Fax   +49 (0) 4221 795-300

Marienhütte 6
57080 Siegen
Germany

Tel.   +49 (0) 271 338838 - 0
Fax +49 (0) 271 338838 - 03

info@toennjes.com | www.toennjes.com