

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:
TÖNNIES
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.

IDE TRUST® 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. IDE TRUST® guarantees maximum data security by implementing an encryption system that complies with international standards.

IDE TRUST®
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

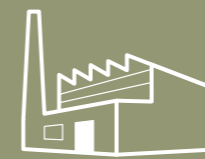


Registration office



IDE TRUST® Software

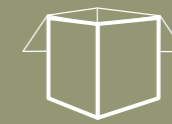
Status update & reporting



Licence plate production



Serialisation and capturing



Packaging & Despatch



Stock management



Shipping (Tracking & Tracing)

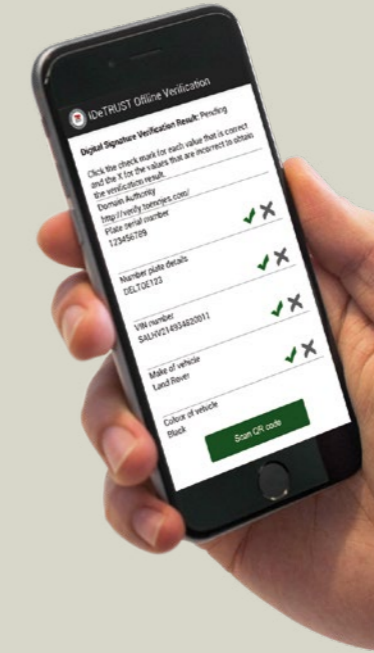
Mobile vehicle identification on your smartphone

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



Internationally present and operational



EVI – Electronic Vehicle Identification

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



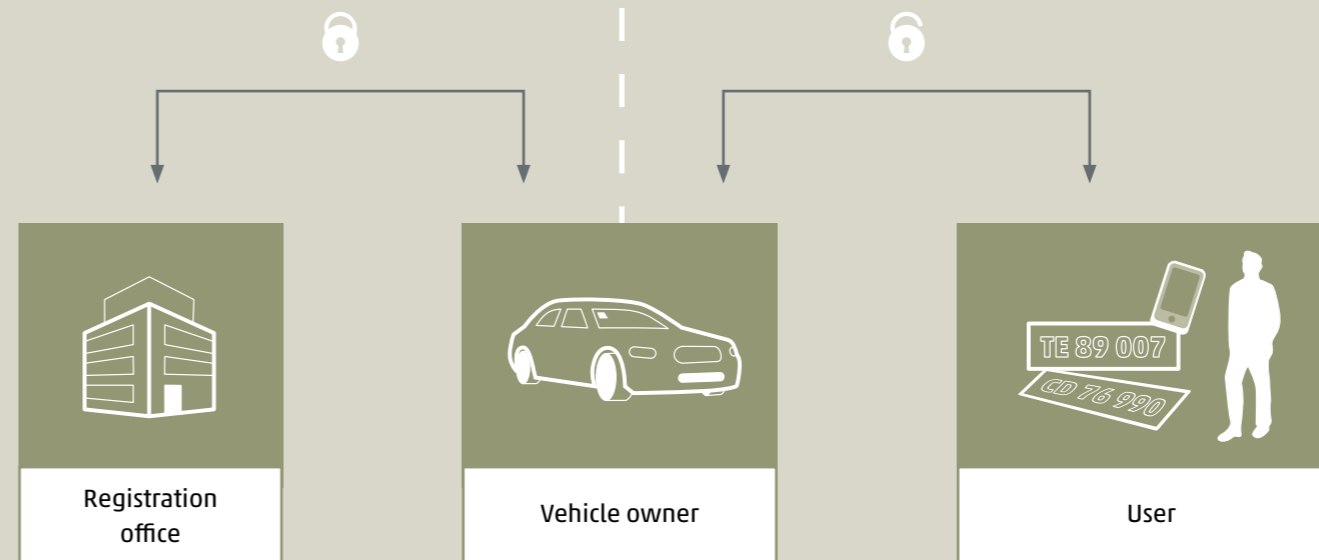
IDE TRUST®
Verification App

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



Software Solutions

- IDE TRUST® Software Solutions:
- IDeTRUST® Order Management Software
 - IDeTRUST® Vehicle Registration Software
 - IDeTRUST® RFID Middleware
 - IDeTRUST® Verification App



Internationally
present and operational



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



TI-20

Production Technology

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



Ask for our other brochures:

Company ←



EVI – Electronic Vehicle Identification ←



Security Solutions ←



Production Technology ←



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• made from 100% waste paper
• particularly low level of harmful materials

