rapid and secure

CAN

GPS

SIM

Web Service

Plug & Play

Data downloads on the go: DLD® Wide Range II

- Wireless transmission of mass memory and driver card data as well as position and vehicle data on the road

- Automatic download at specified deadlines

- Data is transmitted quickly and securely via GPRS

- Secure connection (HTTPS) for maximum data security

- Automatic forwarding to the TIS-Web® data management software possible

CAN interface
Numerous notification functions with detailed information on tachograph data and vehicle status

CAN

GPS position data
Transmission of the current vehicle position and route covered at pre-defined intervals (depending on configuration)

GPS

Communication via SIM card
The DLD® Wide Range II has the SIM card and thus the communication on board, so the device is ready for use in no time

SIM

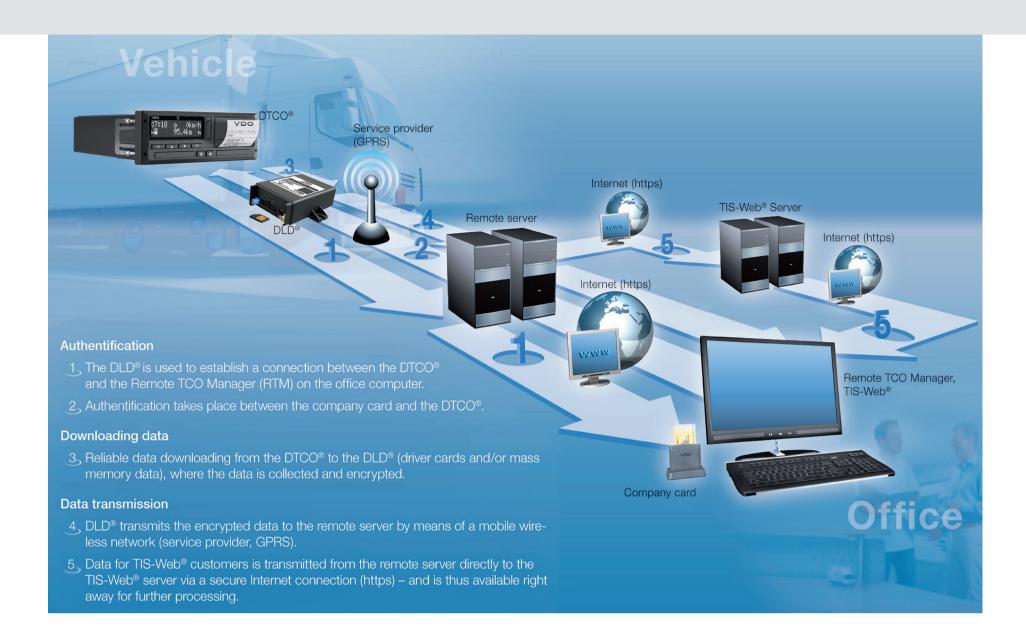### Direct access to web-based service
The customer no longer needs to install a local application, but accesses the now web-based service online

Web Service

Plug & Play
Easy intallation in minutes with the high quality plug & play cable

Plug & Play

VDO

Vehicle

DTCO®
Service provider (GPRS)

3
DLD®

4

1   2

Remote server

Internet (https)

TIS-Web® Server

Internet (https)

5

Internet (https)

1

5

Remote TCO Manager, TIS-Web®

Company card

Office

Authentification

1. The DLD® is used to establish a connection between the DTCO® and the Remote TCO Manager (RTM) on the office computer.

2. Authentification takes place between the company card and the DTCO®.

Downloading data

3. Reliable data downloading from the DTCO® to the DLD® (driver cards and/or mass memory data), where the data is collected and encrypted.

Data transmission

4. DLD® transmits the encrypted data to the remote server by means of a mobile wireless network (service provider, GPRS).

5. Data for TIS-Web® customers is transmitted from the remote server directly to the TIS-Web® server via a secure Internet connection (https) – and is thus available right away for further processing.

This is how DLD® Wide Range data transfer works:

Authentication

1. The DLD® establishes a connection between the DTCO® and the RTM on the office PC.

2. Authentication takes place between the company card and the DTCO® data download.

3. Secure data download from the DTCO® to the DLD® (driver cards and/or mass memory data), where the data is collected and encrypted.

Data transfer

4. The DLD® Wide Range transmits the encrypted data to the remote server via GPRS.

5. Data for TIS-Web® customers is transmitted directly to the TIS-Web® server via a secure Internet connection (https) – so they are immediately available for evaluation.

Your local contact

Benefits for your fleet:

✓ • **Fully automatic download**
Mass data memory and driver cards are loaded fully automatically from your vehicles and are available to the dispatcher directly at his workplace. This means that you have no organisational effort at all.

✓ • **Legally compliant**
You avoid hefty fines too – because the DLD® Wide Range makes sure that you adhere to legal archiving deadlines. Downloading from driver cards and mass memory takes place without the need for a company card in the vehicle. The company card stays in the office – authentication takes place via GPRS.

✓ • **Data security**
Your data is automatically stored to an unlimited extent so that you can always access it. In addition, the data can easily be exported to external archiving programs such as TIS-Web® for further analysis.

✓ • **Compatible with TIS-Web® telematics functions**
A wide range of reports provide information on fuel costs or how employees handle the vehicles and much more. As an option, TIS-Web® Motion shows you where your vehicles are located. So that you always keep an eye on your fleet.

VDO