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DLD[®] Short Range

For fast and efficient data download on your fleet site

VDO

Why is the DLD® Short Range the right download solution for me ?

Do your vehicles regularly return to your depots? Then the DLD® Short Range by VDO is the truly efficient solution for you – because the DLD® Short Range gives you legal downloading from mass memory and driver card data by means of WLAN (local wireless network).

Data download starts automatically as soon as the vehicle is in a pre-defined area of the fleet site, e.g. the company petrol station. The download files are transferred straight from the DTCO® to the office computer via WLAN. The download process is controlled from the office PC, meaning that the company card can stay in the office – at no time does it have to be inserted in the DTCO®.



Advantages of data transfer via WLAN

- You **save on administrative costs** – no personnel is needed, because data download is carried out automatically at pre-defined intervals.
- You **avoid hefty fines** too – because the DLD® Short Range ensures adherence 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 WLAN.
- The DLD® Short Range **saves you data downloading time** – because the data from the DTCO® is transferred straight to the office computer and from there to a download archive if required (e.g. TIS-Web®).
- DLD® download files are **compatible** with TIS-Web®, TIS-Office® and third party archiving solutions.
- Your fleet manager has complete control of the whole **centralised process**.
- The **data transfer** itself **costs nothing**.



DLD® Short Range

* Provided that the legally specified download intervals are input into the system.



Downloading data with the DLD[®] Short Range

The user-friendly Remote TCO Manager (RTM) configuration software manages the DLD[®] Short Range data downloading process. The software uses a task list with pre-defined intervals, specifying when downloading is to take place. You can also use the RTM to create further download tasks.

If the DLD[®] Short Range is within the WLAN transmission and reception area, it uses the task list in the RTM to check whether or not a download has to be carried out for either driver or vehicle.



This is how the DLD[®] Short 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[®] Short Range transmits the encrypted data to the office computer by means of wireless local area network (WLAN).
- 5 Data for TIS-Web[®] customers is transmitted directly to the TIS-Web[®] server via a secure Internet connection (https) – meaning it's immediately available for further processing.

TIS-Office[®] customers' data is transferred automatically from the Remote TCO Manager to TIS-Office[®].

Depending on your company-specific requirements, VDO can offer you various different integrated data management solutions. Ask your VDO service partner for more product information about individual solutions – or visit our website at www.dtco.vdo.com

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