

**FREQUENTLY ASKED QUESTIONS
ABOUT THE DTCO 4.0:**
<https://www.fleet.vdo.com/dtco-40-ready/>



The Smart Tachograph DTCO® 4.0

Ready for the Future



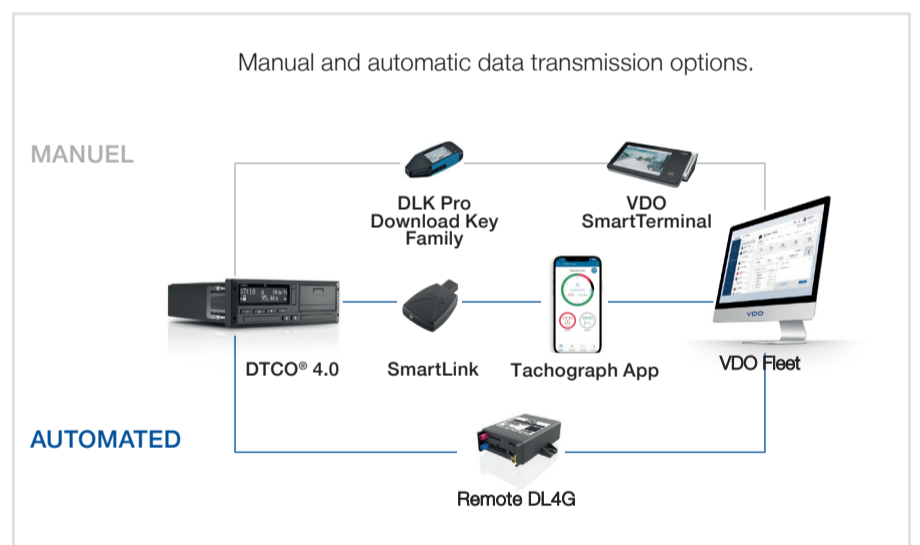
Secure, Practical and Precise

The latest-generation digital tachograph from VDO, the DTCO® 4.0, ensures that your company is ready for the future.

- The DTCO® 4.0 can be quickly and easily integrated into the existing vehicle environment. No complex network configuration is required.
- The DTCO® 4.0 meets the requirements of the new EU regulation 165/2014.
- The DTCO® 4.0 provides you with additional data to make your fleet even more efficient. Future functions such as the automatic transfer of the payload or communication with toll infrastructure are possible.
- The DTCO® 4.0 is easy to configure in accordance with your requirements using the DTCO® Configuration app and company card.

New Legal Requirements in 2019

Starting June 15, 2019, newly registered or newly equipped commercial vehicles over 3.5 metric tons that are used for commercial purposes must be fitted with a new-generation digital tachograph.



Custom Solutions for Backup and Archiving

We offer a range of manual and automatic options for the backup and archiving of your vehicle and driver data. For manual transfer, you insert the driver card or enter the download key to be read into the relevant device. Automatic transfers take place via WiFi™ or SIM card.

We will be happy to help you find the optimum solution for your business.

Training Obligation

The new regulation requires fleets to give their drivers training on how to use the tachograph. In addition, fleets must check on a regular basis whether drivers are using the tachograph correctly.

In order to familiarize fleet managers, drivers and workshops with the multiple performance features of the new DTCO® 4.0, the **VDO Academy** is offering professional training courses starting this October.

You can book a training course here:

www.vdo-academy.de

Training resources, such as the DTCO® simulator, are available in the VDO online shop:

www.fleet.vdo.com

Proven Design – Latest Technology



Automatic positioning with GNSS

The new DTCO® 4.0 features the legally required GNSS interface and an integrated GNSS antenna offering reliable reception. This saves you having to go through the time-consuming process of installing an additional external antenna and ensures access to satellite systems such as Galileo, GPS and GLONASS. The DTCO® 4.0 records the vehicle's position data at the start and end of the working period and after three hours of accumulated driving time.



Secure data transfer for vehicles and drivers

The DTCO® 4.0 enables secure data transfer via the standardized ITS (intelligent transportation system) interface to fleet management solutions such as VDO Fleet. Over 70 different data sets ensure even more efficient fleet management. Whether drivers have given their consent for their personal data to be passed on is also indicated. This facilitates further data protection-compliant processing.



Save more time with inspections via DSRC

Via the DSRC (dedicated short-range communication) interface of the DTCO® 4.0, regulatory authorities can now retrieve vehicle data and information about security breaches during the journey. Time-consuming inspections are then only carried out in case of suspicion. Personal driver data is not transferred during this process as a general principle.



KITAS 4.0 – better protection against manipulation

The interaction between the DTCO® 4.0 and the KITAS 4.0 has also been improved cryptographically. A state-of-the-art encryption method and new sealing specifications make the system more robust and secure against manipulation. This means that you can be sure that the digital tachographs will work as intended for your company.

Fast and simple commissioning

The new DTCO® 4.0 can be effortlessly integrated into existing vehicle technology. Even the plug connections are identical to those of previous models. Thanks to the integrated GNSS antenna and DSRC interface, the DTCO® 4.0 does not need any additional electronics nor adjustments to the vehicle CAN bus. You simply need a passive DSRC antenna to commission the smart tachograph. This simple installation and integration process saves you time, effort and money. An overview of all DTCO 4.0® ready workshops is available at www.fleet.vdo.com

Convenient configuration via DTCO® Configuration app

Like its predecessors, the DTCO® 4.0 can also be preconfigured via the DTCO® Configuration app and DTCO® SmartLink. For example, you can configure which tachograph activity is to be carried out when the ignition is switched on or off. You can also configure up to eight CAN messages that are then available on request for the further analysis of vehicle and driver data in the DTCO®. With the DTCO® Configuration app, multiple settings can be configured without having to visit a workshop.

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