



# SMART TACHOGRAPH 2. GENERATION: ALL NEW FEATURES

From August 2023, the intelligent tachograph of the 2nd generation will be mandatory in all newly registered commercial vehicles.

# The main purpose of the new legal regulations is to improve the working conditions of drivers:

Since 21 August 2023, all newly registered vehicles over 3.5t that are used in cross-border traffic must be equipped with a second-generation intelligent tachograph.

From 1 January 2025, all vehicles used in cross-border traffic that are equipped with an analogue or first-generation digital tachograph (installed in new vehicles by 14 June 2019) must be converted to the second-generation intelligent tachograph.

From 1 July 2026, all vehicles weighing more than 2.5 tonnes that are used in cross-border road transport must be equipped with a 2nd generation intelligent tachograph.

## What's new about the Smart Tacho 2 intelligent tachograph?

Border crossings, loading/unloading, tamper protection, storage

- Registration of border crossings
- Recording when the vehicle is loaded/unloaded
- Mechanisms to protect against manipulation
- 56 days storage of driver-related data
- Working and rest times can be better monitored



## Our telematics unit in the truck

### Functions of TC Truck 4G TC Truck COOL 4G



- ✓ Track & Trace
- ✓ Satellite tracking
- ✓ Geofence
- ✓ Tour/route monitoring
- ✓ FMS data
- ✓ Maintenance + diagnostics
- ✓ Temperature monitoring
- ✓ Driver status
- ✓ Driving and rest times
- ✓ Tacho download
- ✓ Tacho archiving
- ✓ Tacho offence evaluation
- ✓ Digital seal
- ✓ Door monitoring
- ✓ Driving style analysis
- ✓ ETA calculation
- ✓ Truck & trailer coupling
- ✓ Alarms
- ✓ Reports

## Changes in combination with telematics:

With the new tachograph and the updated driver card V2, communication on the interface for remote download has also changed.

**Due to the changes, older devices (e.g. TC Truck 3G) are no longer able to perform a remote download for vehicles with a new tacho.**

From software version 01.02.28, the TC Truck 4G is able to download data from the driver card and mass storage device.