

Smart Tachograph 2.0

Introduction

Within the mobility package of the European Union, a new tachograph generation "Smart Tacho 2.0" will be introduced next year. From 21.08.2023, all newly registered vehicles must be equipped with this tachograph. The new Smart Tacho mainly features automatic storage of the position when crossing the border, a significant increase in the temporal scope of recording and the recording of the type of load.



Smart Tachograph 2.0

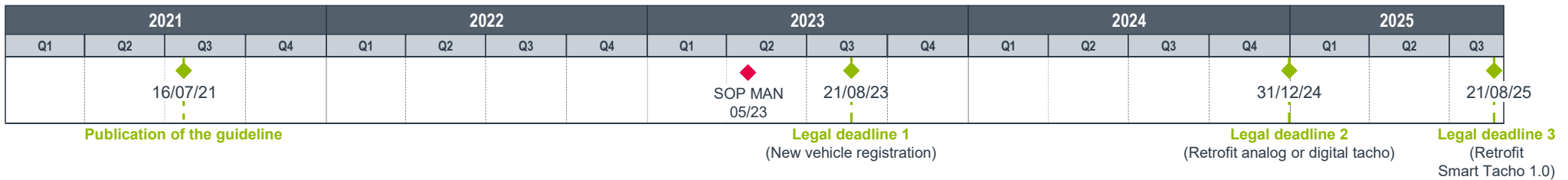
Background

- Mobility package of the European Union: Revision of regulation 165/2014 and introduction of a new tachograph generation "Smart Tacho 2.0" ([BMDV - Mobility Package I: Latest changes at a glance \(bmvi.de\)](https://www.bmvi.de))
- Official publication: 16/07/21
- Deadline for equipping **new vehicles** with the "Smart Tacho 2.0" and their registration: 21/08/23
- Deadline for retrofit of **existing vehicles**
 - Vehicles with analog or digital tachometer: 31/12/24
 - Vehicles with "Smart Tacho 1.0": 21/08/25
- No derogation possible
- Start of production at MAN (without change in sales codes): 01/05/23

Applies only to vehicles in cross-border traffic!



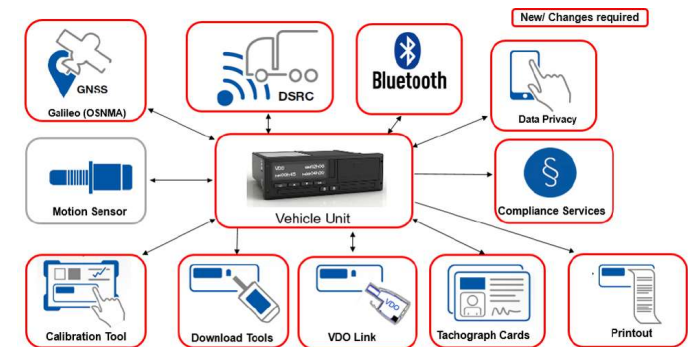
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Main features

- Identification sign: Marking "GEN2 V2" in the technical data printout
- Automatic recording of the position when crossing the border (card in the tachograph)
- Recording of position during loading and unloading - driver's responsibility
- Recording of the type of load (goods/people)
- Increase of activity records on the driver's card from 28 days to 56 days
- Authentication of position at border crossing using OSNMA (Galileo)
- Bi-directional ITS interface



Challenges

- Manufacturer's availability of the new tachograph (type approval) not until end of Q1/2023
- Small time lag between production start at MAN and legal deadline (3-4 months)
- Retrofit of vehicles required in case of long time to install the bodies

- ➔ **Tracking of the installed tacho generation of body-built vehicles & their time to install the bodies before the legal deadline according to the sector-typical installation times.**
- ➔ **Retrofit of body-built vehicles without "Smart Tacho 2.0" in the service workshop when exceeding the legal deadline. The service workshop is also available to answer further questions.**