

Smart
Tachograph
(Generation 2)
compatibility



Document Change Record

Revision	Date	Owner	Details
1.0	19 th Nov 2018	James Scott-Evans	Initial Draft
1.1	4 th Dec 2018	James Scott-Evans	Archive Sync added
1.2	8 th Jan 2019	Chris Cuffe	Expanded device descriptions
1.3	13 th Feb 2019	James Scott-Evans	Server solutions added
1.4	2 nd Apr 2019	James Scott-Evans	Gen 2uesday

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1. Introduction

The Digital Tachograph and the Smart Tachograph are recorders of the professional drivers' activities (rest and driving hours). They provide trustworthy information to EU enforcers controlling compliance with Social Regulation (EC) No 561/2006.

They were introduced to:

- Increase road safety, by controlling the activity of the drivers (limiting daily driving hours)
- Ensure minimum working conditions standards for professional drivers
- Guarantee fair competition between EU transport companies

In order to fulfil these objectives the digital tachograph requires a motion sensor paired with it and smartcards which are used to control secure access to the device and its data for drivers, law enforcers, companies and workshops.

Smart tachographs are the new generation of on-board mandatory digital recorders to enforce the EU legislation on professional drivers driving and resting times (social regulation). The new features make full use of advanced digital technologies such as satellite positioning and short range communication for road enforcers. It will allow automatic recording of start and final location of journeys and will also enable remote access to some tachograph data via wireless data transmission to control authorities.

2. References

2.1. Annex 1C

The new legislation can be found here:

<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1468399756621&uri=CELEX:32016R0799>

The amendment to this legislation can be found here:

<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1524124831090&uri=CELEX:32018R0502>



3. Compatibility table

3.1. Software

Software	Version required	Driver Card	Workshop Card	Company Card	Vehicle Unit	Notes
digiConnect	5.20	✓	✓		✓	If able to connect to internet new version will be offered automatically. Otherwise, download from www.tachosys.com
Tacho File Viewer	3.00	✓	✓		✓	Download from www.tachosys.com
digiCentral Authenticate	1.26			✓		Already compatible
digiCentral Archive Sync	1.20	✓	✓		✓	Download from www.tachosys.com
digifob Companion	⚠					Use digiConnect 5.20
digiDL Config	⚠					Use digiConnect 5.20

3.2. Devices

Device	Serial number	Version required	Driver Card	Workshop Card	Company Card	Vehicle Unit	Notes
digifob	15xx xxxx		✓				Already compatible
digicard	11xx xxxx		✓		✓		Already compatible
digicard / digicard AUT	23xx xxxx	¹ 1.04	✓	✓ ⁴	✓		Already compatible
digicard HOTEL					✓		Already compatible
digifobpro (1 st Gen)	4xx xxxx	✗					Not Gen 2 compatible
digifobpro (2 nd Gen)	20xx xxxx	¹ 2.00	✓	✓	✓	✓	Requires firmware upgrade
digivu (up to V3)	5xx xxxx	✗					Not Gen 2 compatible
digivu (V4 and above)	19xx xxxx	¹ 2.02	✓			✓	Requires firmware upgrade
digipostpro	6xx xxxx	² 3.00	✓	✓		✓ ³	Requires firmware upgrade
digipostpro	26xx xxxx	¹ 2.00	✓	✓		✓ ³	Requires firmware upgrade
digiDL	8xx xxxx	¹ 2.00	✓			✓	Requires firmware upgrade
digiDLe / digiDLex	18xx xxxx	¹ 2.00	✓			✓	Requires firmware upgrade
digiBLU	12xx xxxx		✓	✓		✓	Get latest version of digiDownload and digiDriver from Google Play.

¹digiConnect 5.20 will automatically offer firmware upgrades to these devices.

²digiCentral can be used to upgrade firmware.

³Vehicle Unit files that were downloaded with a Gen 2 compatible digivu.

⁴Supported after firmware upgrade.

Our Smart Tachograph (Gen 2) compatible software and firmware were published on Gen 2uesday - 2nd April 2019.

3.3. Server Solutions

Software	Version required	Driver Card	Workshop Card	Company Card	Vehicle Unit
digiCentral with Website and SQL Server	1.31	✓	✓	✓	✓
digiCentral with XML	¹ 3.00	✓		✓	✓
digiCentral Local	✗				

¹Installations of this version of digiCentral with XML will require a dongle that will limit the number of devices that can connect to the server.