

DIGITAL TACHOGRAPH MONITORING

INTRO

Millions of trucks roam highways and roads each and every day delivering goods far and wide in our planet. Logistics industry is strictly regulated in the most parts of the world and especially in Europe, where digitalization of tachographs is mandatory. This makes it a perfect scene for the implementation of remote data download and monitoring solution.

CHALLENGE

Work and rest time violations are quite common problems in logistics business. Due to these violations, logistics companies often get penalties that reach a few hundred or even a few thousand Euros.

In addition to this, logistics companies in the European markets are **regulated by special institutions** that require to present graphics from digital tachographs every month and in a correct form. Usually, companies download graphics by physically getting to the vehicles and directly connecting to tachographs.

It might not be a problem if you have just several trucks, but it becomes a serious issue in case you have to manage hundreds of them. First of all, it is **time consuming**. Second, the administration process is **complicated**. Third, it is **not always possible**. For example, your office is in Austria and your truck is dispatched to Spain for three months. In this scenario, you will not be able to get the files on time.

SOLUTION

We are offering a **complete solution** that will help avoid problems and headache related to the administration of digital tachograph files. Our solution is made up of Teltonika's professional device and web application.

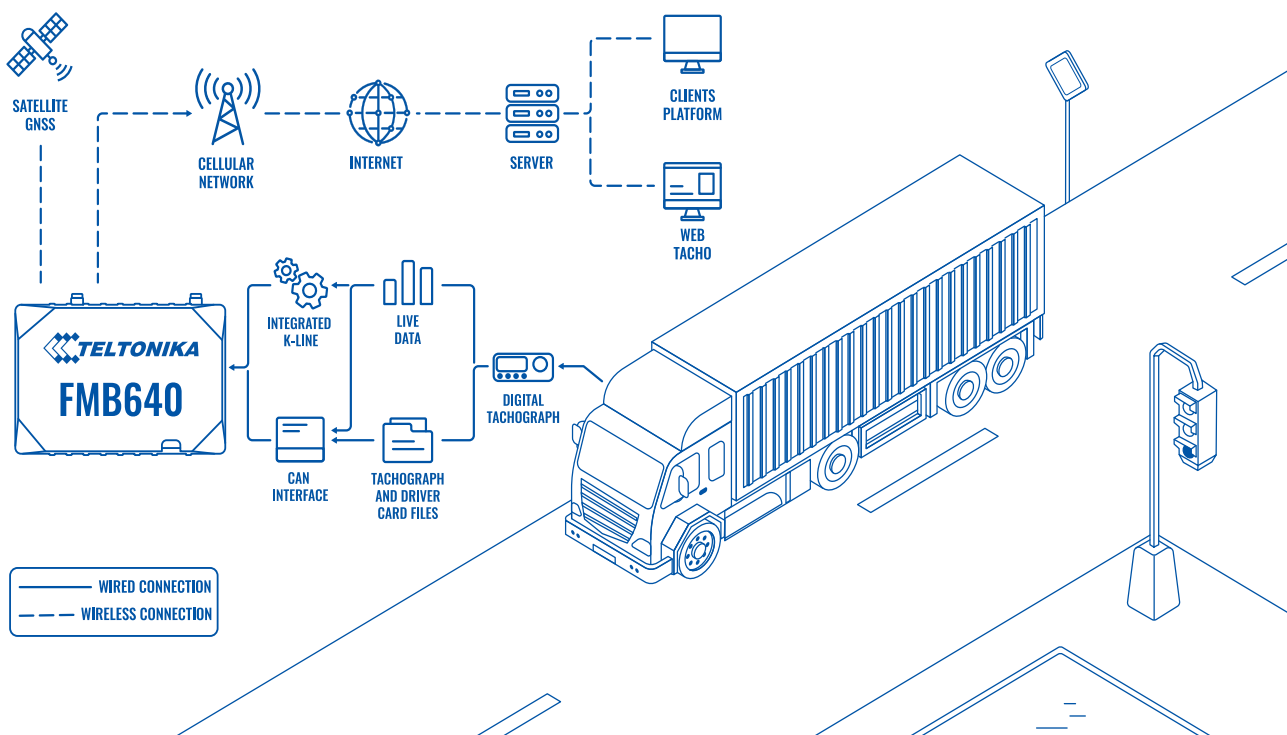
The first component of our solution is a device from Teltonika's **Professional devices** family – [FMB640](#), [FM6300](#), [FMC640](#) or [FMM640](#). Any of these devices can receive tachograph and driver card files (.DDD, .TGD, .V1B .C1B formats), tacho live data and enriched Tacho/FMS data (TachoCAN) from digital tachograph via the same CAN line – it makes installation even easier. Also, the devices are capable of reading live data from digital tachograph via the K-line connection. You can find detailed instructions of installation in the user manual of the related device.

The next component is **software** dedicated to downloading and administrating digital tachograph files. There are two ways to do it. You can use special [Web Tacho](#) application from Teltonika or develop your own software. In case you choose the latter scenario, you will be provided with a special communication protocol, which you will use when developing software solution. In case you choose Teltonika Web Tacho solution, you will be able to use our server or have application installed on your side. Either way, you are ready to go. One of the biggest advantages of using [Teltonika Web Tacho](#) application is that after the initial setup you will later receive files and data **automatically**.

Thus, with our solution you can achieve **two goals**. First of all, you will download the required files from digital tachographs and present them timely to the authorities. Second, you can always monitor the activity of drivers and get notifications in case their behaviour is not acceptable, for example, they spend too many hours driving. In addition to this, you can get all other data from the trucks using our Professional device.

Moreover, with the help of additional accessory [Tacho Front Panel Cable](#) you will be able to read data from the minibuses that work on 12V system. Activate the front panel interface on tachograph, connect the cable and you are ready to go.

TOPOLOGY



BENEFITS

- **Easy administration of tacho reports** – the solution will help to save many hours and much effort otherwise used by you and your customers going and plugging-in directly to tachographs on trucks.
- **Easily accessible software** – our software is web-based, so you can reach it from any device anywhere in the world. In case you decide to develop your own software, you can design it completely by yourself.
- **Secure tachograph files storage** – data is stored on secured server and can only be accessed by the users that you authorize.
- **Variety of supported tachograph files** – we support not only the standard DDD file extension, but also Spanish TGD and French V1B/C1B file formats.

WHY TELTONIKA?

Many partners have already tried and implemented our digital tachograph monitoring data reports solution to the best results. Besides, we are continuously working with the suppliers of other digital tachograph reading solutions what gives us a clear perception of this market and knowledge how to meet your needs in the most suitable manner.

FEATURED DEVICE

[FMB640](#)

RECOMMENDED PRODUCTS

[FMC640](#), [FM6300](#), [FMM640](#)

FEATURED SOLUTION

[Teltonika WEB TACHO](#)

