

*MKP Parts*

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# TachoSafe RDU

Remote download solutions

## TachoSafe RDU

Remote Download  
Solutions



More and more haulage companies want to implement remote download for digital tachographs and driver cards.

The main problem is that the truck has to return periodically to the base just to download its tachograph. This means a huge logistic problem.

Normally digital tachographs can be downloaded only with the company card inserted in the tachograph.

The RDU unit unburdens the transport company because the data from the digital tachograph automatically arrives there where desired and at which time intervals are set. The company card can (must) be in card reader at the office.

### Top features

1. Permanent fleet control
2. Mandatory downloads are made automatically
3. No risk of penalty caused by missing downloads
4. The truck doesn't need to return periodically to the base station to download the tachograph, which allows for significant cost savings.
5. No need of responsible personnel for tachograph management
6. Compatible with TachoSafe software and any other analyzing software.

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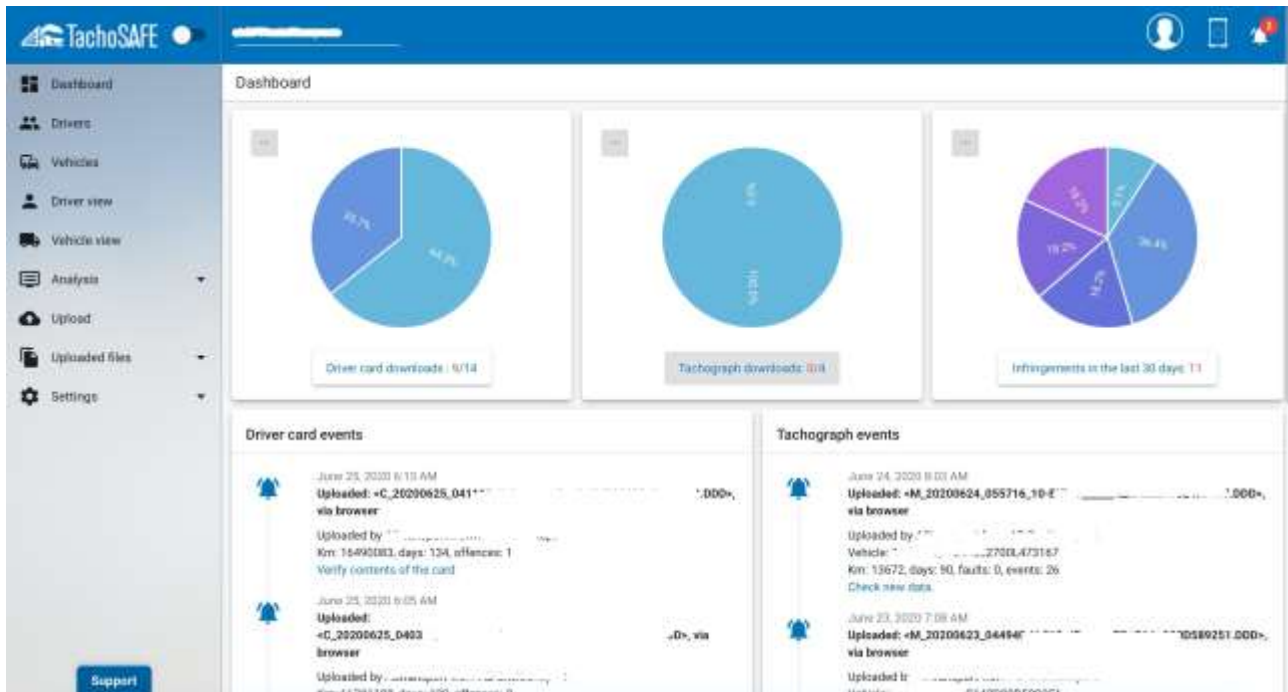


- TachoSafe Remote download GPRS makes downloads from the digital tachograph remotely.
- The remote download unit (RDU) is permanently installed into the truck and is connected to the digital tachograph. The download process is coordinated by a Remote Download Server.
- Download process is initiated by the TachoSafe RDU manager. TachoSafe remote manager must be installed on a local PC with internet connection. It handles the smartcard reader, that must contain the company card.
- The system works in the background but it warns the user in case of errors.
- Download Data (.ddd files) will be transferred to RDU manager and stored on a local computer. Files also can be uploaded to an online account, where they can be stored and be issued various reports according to AETR561.

A personal login for the website [Tacho4Safe.com](http://Tacho4Safe.com) will be created and the serial numbers of the Remote Download Units you have purchased will be linked to this account. Any data generated by these Remote Download Units will be visible on this website after you log in with your personal username and password.



Screenshot of the Dashboard view where an important information can be seen on one screen

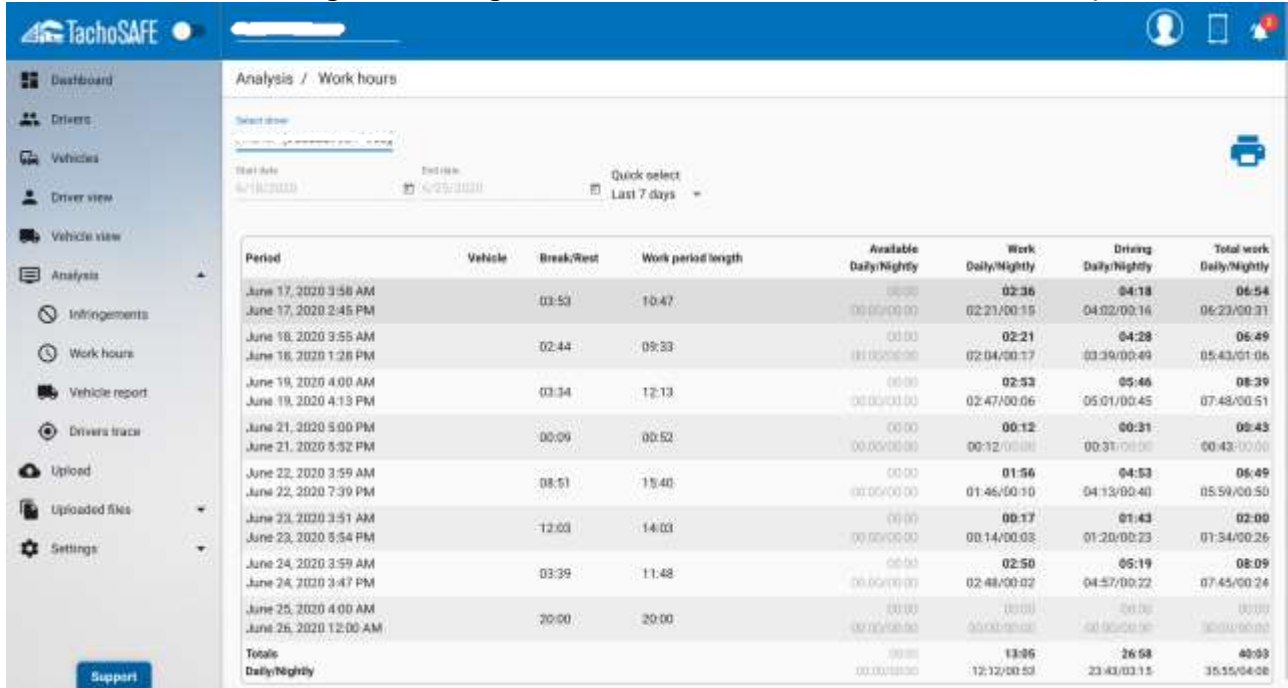


Screenshot of the infringements of the selected driver in a selected period

The 'Analysis / Infringements' view displays a detailed table of driver infractions. The table includes columns for Start date, End date, Code, Description, Duration, Norm, and Difference. The data shows several instances of 'Insufficient rest in 4h30min period' and one instance of '<1 regular & 1 reduced weekly rest in 2 weeks'.

Start date	End date	Code	Description	Duration	Norm	Difference
June 5, 2020 8:16 AM	June 5, 2020 6:11 PM	561/7.0	Insufficient rest in 4h30min period.	4:40	4:30	0:10
June 15, 2020 7:44 AM	June 15, 2020 4:27 PM	561/7.0	Insufficient rest in 4h30min period.	4:37	4:30	0:07
June 19, 2020 7:29 AM	June 19, 2020 4:12 PM	561/7.0	Insufficient rest in 4h30min period.	4:35	4:30	0:05
June 22, 2020 9:39 PM	June 23, 2020 5:51 AM	561/8.2b	Less than 9 h of daily rest.	8:12	9:00	0:48
June 24, 2020 5:47 PM	June 25, 2020 6:00 AM	561/8.5a	<1 regular & 1 reduced weekly rest in 2 weeks.	12:13	45:00	32:47

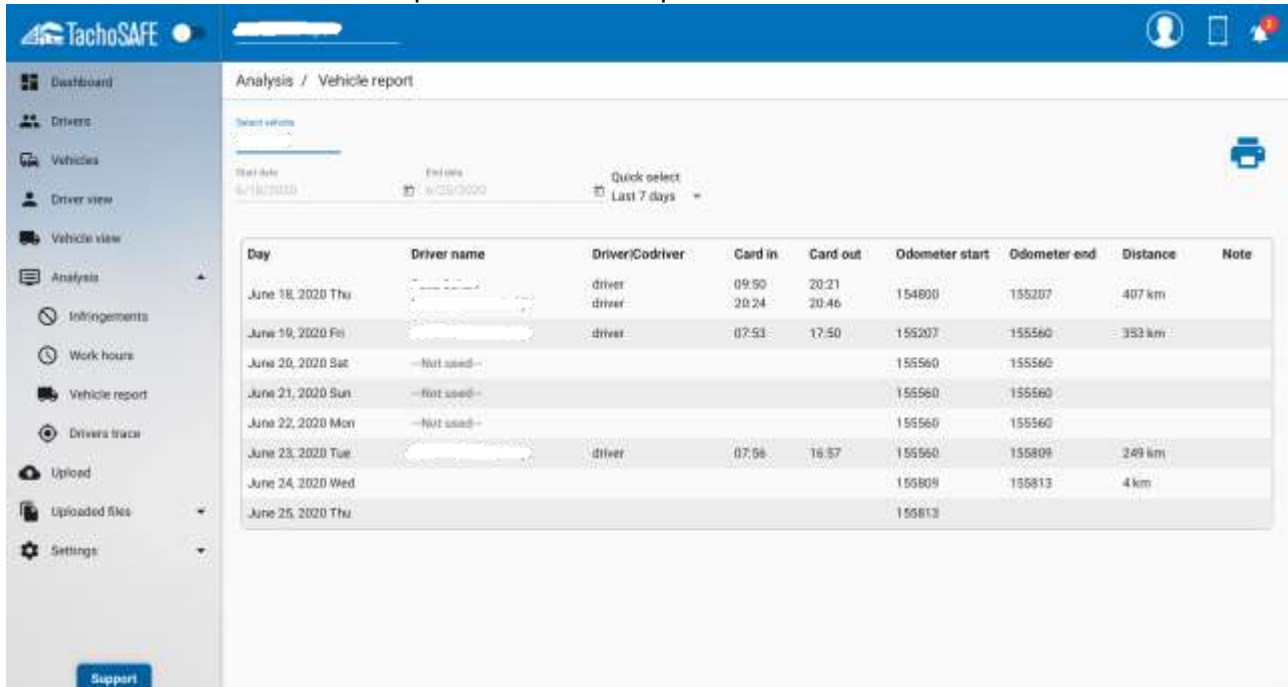
Screenshot of the driving and resting times of the selected drivers in a selected period



The screenshot shows the 'Analysis / Work hours' page in the TachoSAFE system. It displays a table of driver work hours for a selected period from June 18, 2020, to June 25, 2020. The table includes columns for Period, Vehicle, Break/Rest, Work period length, Available Daily/Nightly, Work Daily/Nightly, Driving Daily/Nightly, and Total work Daily/Nightly. A 'Totale' row at the bottom summarizes the data.

Period	Vehicle	Break/Rest	Work period length	Available Daily/Nightly	Work Daily/Nightly	Driving Daily/Nightly	Total work Daily/Nightly
June 17, 2020 3:58 AM		03:53	10:47	00:00	02:36	04:18	06:54
June 17, 2020 2:45 PM				00:00/00:00	02:21/00:15	04:02/00:16	06:23/00:31
June 18, 2020 3:55 AM				03:03	02:21	04:28	06:49
June 18, 2020 1:28 PM		02:44	09:33	01:00/00:00	02:04/00:17	03:39/00:49	05:43/01:06
June 19, 2020 4:00 AM				00:00	02:53	05:46	08:39
June 19, 2020 4:13 PM		03:34	12:13	00:00/03:03	02:47/00:06	05:01/00:45	07:48/00:51
June 21, 2020 5:00 PM				00:00	00:12	00:31	00:43
June 21, 2020 5:52 PM		00:09	00:52	00:00/00:00	00:12/00:00	00:31/00:00	00:43/00:00
June 22, 2020 3:59 AM				00:00	01:56	04:53	06:49
June 22, 2020 7:30 PM		08:51	13:40	00:00/00:00	01:46/00:10	04:13/00:40	05:59/00:50
June 23, 2020 3:51 AM				00:00	00:17	01:43	02:00
June 23, 2020 5:54 PM		12:03	14:03	00:00/00:00	00:14/00:03	01:20/00:23	01:34/00:26
June 24, 2020 3:59 AM				00:00	02:50	05:19	08:09
June 24, 2020 3:47 PM		03:39	11:48	00:00/00:00	02:48/00:02	04:57/00:22	07:45/00:24
June 25, 2020 4:00 AM				00:00	00:00	00:00	00:00
June 26, 2020 12:00 AM		20:00	20:00	00:00/00:00	00:00/00:00	00:00/00:00	00:00/00:00
<b>Totale</b>				00:00	<b>13:06</b>	<b>26:58</b>	<b>40:03</b>
<b>Daily/Nightly</b>				00:00/00:00	12:12/00:53	23:43/03:15	35:55/04:08

Screenshot of the a vehicle report in a selected period



The screenshot shows the 'Analysis / Vehicle report' page in the TachoSAFE system. It displays a table of vehicle usage for a selected period from June 18, 2020, to June 25, 2020. The table includes columns for Day, Driver name, Driver/Codriver, Card in, Card out, Odometer start, Odometer end, Distance, and Note.

Day	Driver name	Driver/Codriver	Card in	Card out	Odometer start	Odometer end	Distance	Note
June 18, 2020 Thu		driver	09:50	20:21	154800	155207	407 km	
June 19, 2020 Fri		driver	20:24	20:46				
June 20, 2020 Sat	—Not used—				155207	155560	353 km	
June 21, 2020 Sun	—Not used—				155560	155560		
June 22, 2020 Mon	—Not used—				155560	155560		
June 23, 2020 Tue		driver	07:58	16:57	155560	155809	249 km	
June 24, 2020 Wed					155809	155813	4 km	
June 25, 2020 Thu					155813			

If you have any questions about the system,  
 please write an email to: [eric.jongen@mkp-parts.com](mailto:eric.jongen@mkp-parts.com)