

***MKP Parts***

*A supplier of stature!*

# EcoRDU

Tracking and remote download system



## EcoRDU: Tracking and remote download system

EcoRDU remote tracking system is a solution for a business that, besides vehicle tracking, provides more added value functionalities in the ever-connected world using a single SIM card.

**This system will help you to:**

### Improve:

- Control of your fleet
- Vehicle usage
- Your legal status

### Reduce:

- Uncontrolled distance
- Tachograph frauds
- Uncontrolled driving time

## Top features

1. Permanent real time fleet control
2. Real time tachograph data
3. Real time vehicle tracking
4. Historical data of vehicle tracking
5. Mandatory downloads are made automatically
6. No risk of penalty caused by missing downloads
7. No need of responsible personnel for tachograph management



## EcoRDU offers you:

- Real-time tracking: know the current position and status of any of your vehicles;
- Remote Tachograph downloader: downloads the drivers card and the VU remotely as often as configured;
- Bluetooth compatible giving you the option to communicate with the driver (no need for a separate SIM card);
- Live driver Tachograph hours information, provides up to date information on mode switch, driving time, driving time left daily weekly and fortnightly, end of daily duty time and weekly time.
- EcoRDU comes with fully functional apps available free on the App store and Google Play Store.

## System components:

Ecomotive Midi Tracking device



mRDD download device



## Functionalities of the system:

### Vehicle activity:

- Current positions
- Past and recent activities
- Routes on map
- Odometer reading
- Daily sheets and other reports
- Traffic updates

### Driver activity:

- Driver activities by vehicles and countries
- Points of interest visits
- Activities inside/outside working schedule
- Activity in a certain region of interest
- Communication (Chat)

The screenshot displays the ecomotive web application interface. The top navigation bar includes links for Fleet, Live, Analysis, Events, Reports, BI Reports, Chat, Settings, and Logistics. The main content area is divided into two sections. On the left, a table lists vehicle data with columns for Sta, License Plate, Name, Last Message O, Unread mess, Undelivered, Unconfirmed, and Failed messa. The table contains five rows of data. On the right, a chat window is open, showing a list of messages with timestamps and a 'trimit mesaj' button. The chat messages include '[D:Sofer]test', '[D:Sofer]test principal', and '[D:Sofer]buna ziua'.

Sta	License Plate	Name	Last Message O	Unread mess	Undelivered	Unconfirmed	Failed messa
7336-XXX	Vehicle_7336	2664:36:46	18		3	1	
7551-XXX	Vehicle_7551	15122:12:05					
7992-XXX	Vehicle_7992	241:51:26	3		1	3	
7995-XXX	Vehicle_7995	314:15:33	12		3	2	
CSaba nano Test	CSaba nano Test	-					
MS-90-DRG	[Ecomotive] gyoza	9149:31:12				1	

## Driver behaviour:

The screenshot displays the ecomotive web application interface for driver behaviour analysis. The top navigation bar includes links for Flotă, Monitorizare, Analiză, Evenimente, Rapoarte, Rapoarte BI, Mesaje, Preferințe, and Logistică. The main content area is divided into two sections. On the left, a summary section shows a bar chart for 'Analiză stil de conducere' and a table with columns for Vehicle, Periodă, Total fuel, and Total distance. On the right, a detailed table lists driver data with columns for Sofer, Vehicul, Viteză medie, Viteză max, Motor, Conduc, Staționare, Tempomat, Stil conducere, NF, ST, Distanța, Combustibil, Preset, Actual, Economie posibilă, and Notă. The table contains five rows of data.

Sofer	Vehicul	Viteză medie	Viteză max	Motor	Conduc	Staționare	Tempomat	Stil conducere	NF	ST	Distanța	Combustibil	Preset	Actual	Economie posibilă	Notă		
Adam Iosif	B-55-WHK	71.0	98.0	13.5	11.9	88.4	1.6	11.6	1.0	7.4	63	0	870	264.8	25.5	30.4	-42.9	D
Barbulescu Nicolae	B-56-CZG	70.4	101.0	34.5	30.3	87.9	4.2	12.1	2.6	7.4	52	0	2150	574.0	28.0	26.7	27.9	B
Belu Adrian	B-65-KDG	72.7	104.0	39.9	35.1	87.9	4.8	12.1	0.0	0	0	0	2576	719.0	25.0	27.9	-74.9	D
Boiangiu Florin-Alin	B-59-NPW	72.1	107.0	24.6	20.0	81.5	4.5	18.5	14.7	59.8	62	0	1486	438.2	28.0	29.5	-22.0	C

## Administration:

- Notifications for expiry of mandatory insurance, technical inspection, service check-up etc.

ecomotive **Fleet** Live Analysis Events Reports BI Reports Chat **Settings** Logistics

General

Profile settings  
Map settings  
Reports

Vehicles

POI Management  
POI status  
Vehicle notifications

ID	License Plat	Name	Remarks	Start date	Due date	Trigg	Noti	Warn	Distan	Status	Notification list	Created on	Created by	Last modi
188	MS-90-DRG	Rovinieta		21/07/2017	21/07/2018		15 d			► Active	Győző Felvinczi	21/07/2017	Győző Felvi...	21/07/20
195	MS-90-DRG	ITP	lejar	09/07/2018	25/07/2018		15 d			► Active	Győző Felvinczi	15/10/2017	Győző Felvi...	15/10/20
211	MS-90-DRG	olaj csere	300 k...	18/12/2017	15/12/2018		30 d	15000	12081	► Active	Győző Felvinczi	22/12/2017	Győző Felvi...	22/12/20

- Fuel consumption (reading from CAN, preset consumption, based on imported refuels)

ecomotive **Fleet** Live Analysis **Events** Reports

1374-XXX | Actros 1844 Date period This month 01/06/2018 00:00

License Plate	Start Date	Status	Type	Value (nu	Location	Co
1374-XXX	04/06 16:03	Confirmed	Refuel	155.20	DN1, Luna de Sus, Ro...	
1374-XXX	04/06 23:17	Confirmed	Refuel	934.26	Szajol, E60, 5081 Ung...	
1374-XXX	08/06 03:18	Suspect	FuelLevelDrop	-7.74		
1374-XXX	08/06 14:52	Confirmed	Refuel	968.57	Lébény, Göbeház par...	
1374-XXX	14/06 01:11	Confirmed	Refuel	823.44	Lébény, Göbeház par...	



- Route planning (truck navigation, route planning based on truck parameters), Time planning (Remaining driving time from Tachograph)

**ecomotive** Monitorizare (logistică) **Rute**

Vehicul: SB-05-ROT | VW Crafter Perioada: Manual 19.09.2017 00:00 - 19.09.2017 23:59 Denumire:

Denumire	Vehicul	Data început	Data sfârșit
	Neasociat	20/09 01:08	20/09 01:08

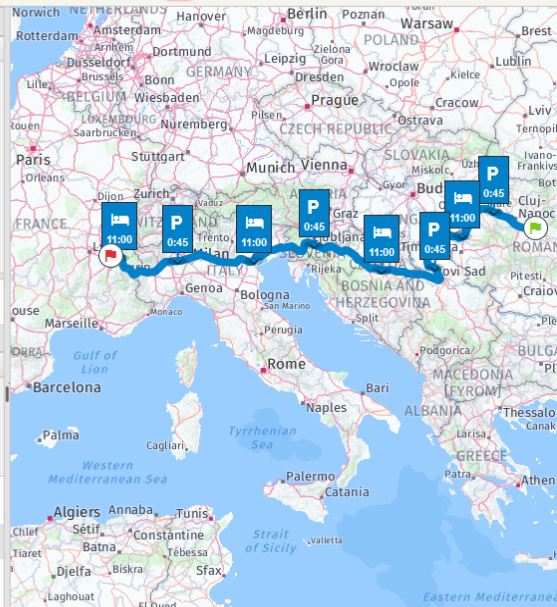
Vehicul: B-51-AED Lungime: 15,0 m, Lățime: 2,5 m, Înălțime: 4,2 m, Greutate: 44,0 t, Greut. pe ax: 6,7 t  
Vehicul: 0,0 EUR, Șofer: 0,0 EUR

Adresă	Descriere	Sosire	Pornire	Conduc	Dist...	Pauză	Oprit
Strada Principală 463, Crist		20/09 01:10	0:00:00	0,0	0:00:00	0:00:00	0:00:00
Le Paris, Chambéry, Savoie		23/09 13:20	23/09 13:20	37:10:12	2.03...	47:00:00	0:00:00

Denumire:

PORNIRE 20/09 01:10 SOSIRE 23/09 13:20 DISTANȚĂ 2029,98 km CONDUS 37:10 h PAUZĂ 47:00 h OPRIT 0:00 h  
COST 289.99 EUR

[Calculează traseul](#) [Salvează](#) [Trimite destinația la vehicul](#)



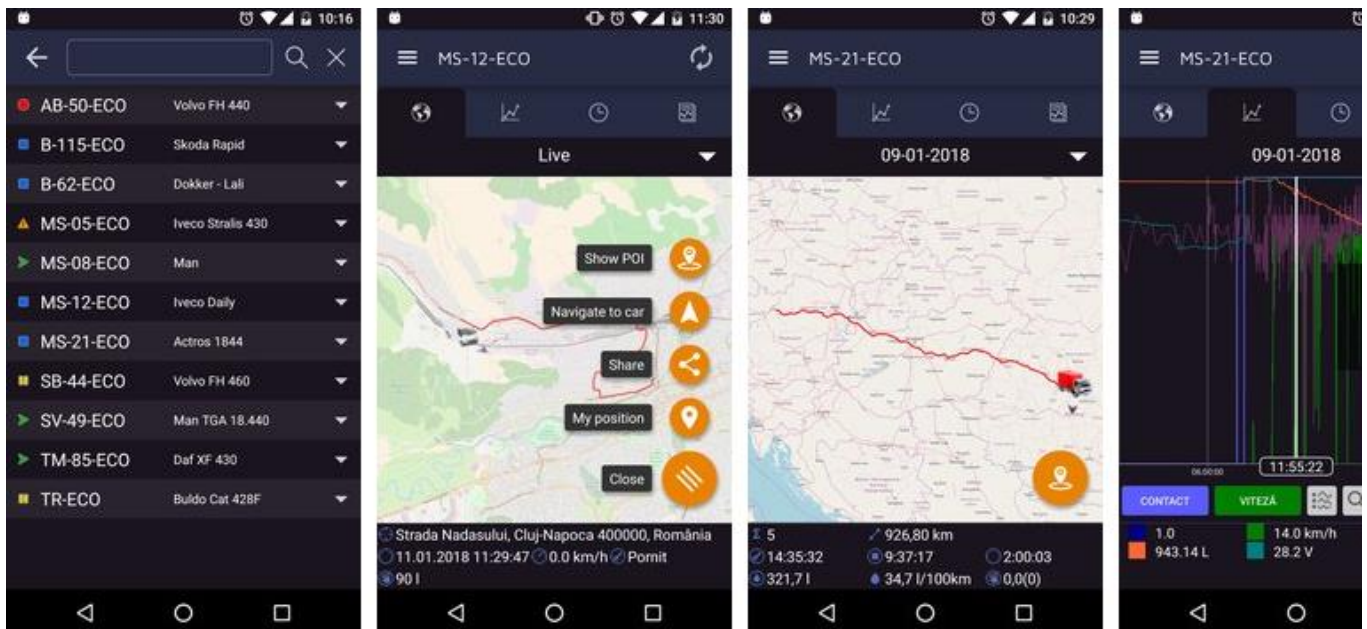
- Tachograph data reading
  - Driver name
  - Tachograph and driver card download
  - Real time remaining driving time

**ecomotive** Live (logistics) Routes (logistics)

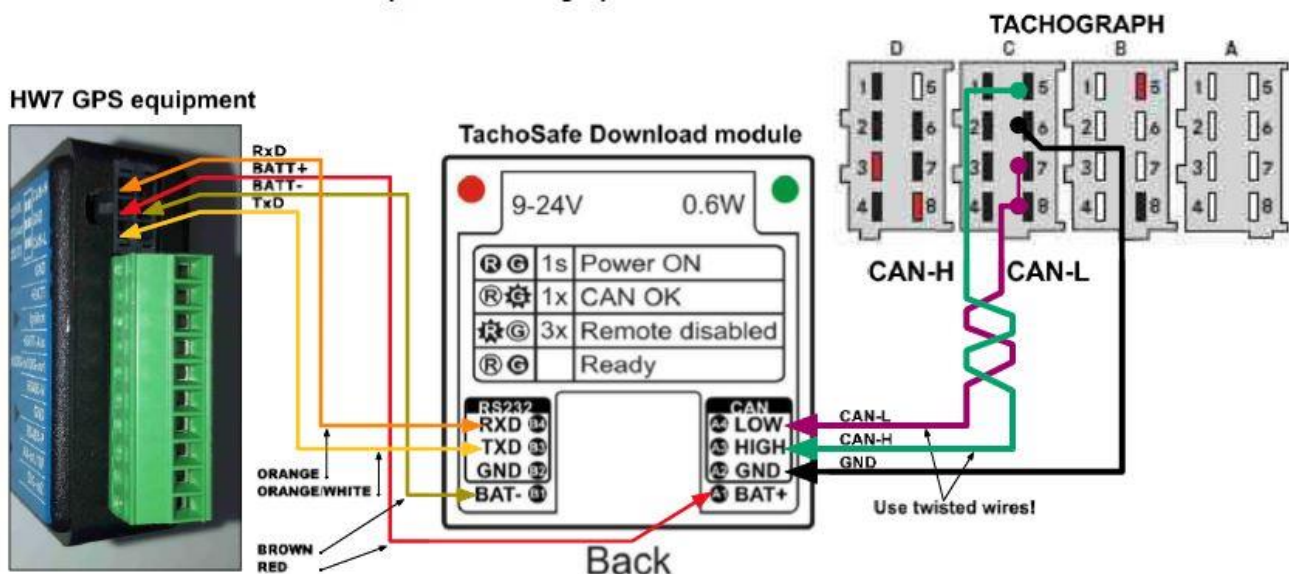
Address:  Filter:

Sta	Vehicle	Driver	Driving	Daily	Weekly	Biweekly	Next stop	Driver info
■	33264-XXX Vehicle_33264	No driver card	-	-	-	-	-	No driver card
■	33265-XXX Vehicle_33265	No driver card	-	-	-	-	-	No driver card
▶	33266-XXX Vehicle_33266	Driver_854 XXXXXXXXXXXXXXXXXX	4:30 2:33 1:57	9:00 ●● 3:22 6:38	56:00 3:22 52:38	90:00 40:41 49:19	D 25/06 23:57	🚚 Driving: 2:33, Break: 0:15 🕒 0:01 (TCO)
■	33274-XXX Vehicle_33274	Driver_855 XXXXXXXXXXXXXXXXXX	4:30 4:19 0:10	9:00 ●● 4:19 5:40	56:00 4:19 51:40	90:00 35:21 54:39	D 26/06 00:00	🚚 Break: 0:48, Driving: 4:20 🕒 0:25 (TCO)
▶	33275-XXX Vehicle_33275	Driver_850 XXXXXXXXXXXXXXXXXX	4:30 4:38 0:08	9:00 ●● 4:38 5:22	56:00 4:38 51:22	90:00 31:10 58:50	D 25/06 23:41	🚚 Driving: 4:38, Break: 0:15 🕒 0:32 (TCO)

- Mobile application (Android and iOS)
  - EcoRDU comes with fully functional apps available free on the App store and Google Play Store. The app gives you the main functionality of the desktop version without restricting your access to the system and its information.
  - The communication App, also freely accessible, is available on the Play Store and iOS. This app allows messaging from the dispatcher to the drivers using the same SIM card as the device.



### Connections:



## Components:

Category	Products	Functionality
GPS	Ecomotive Midi Tracking device	Localization, Tracking, Reports, Report Scheduler, Route planning, Events
Tachograph	mRDD download device	Driver Identification Remote Tachograph Download Real time Remaining Driving time
CAN	CAN reader,	Consumption, Refuel events Driver Behaviour
Others	Temperature sensor Driver identification (RFID) Communicator	Temperature Driver Identification Driver Communication