

YOUR CUSTOMER ASK FOR



ON BOARD?



THE SOLUTION IS **WIFI BUS**



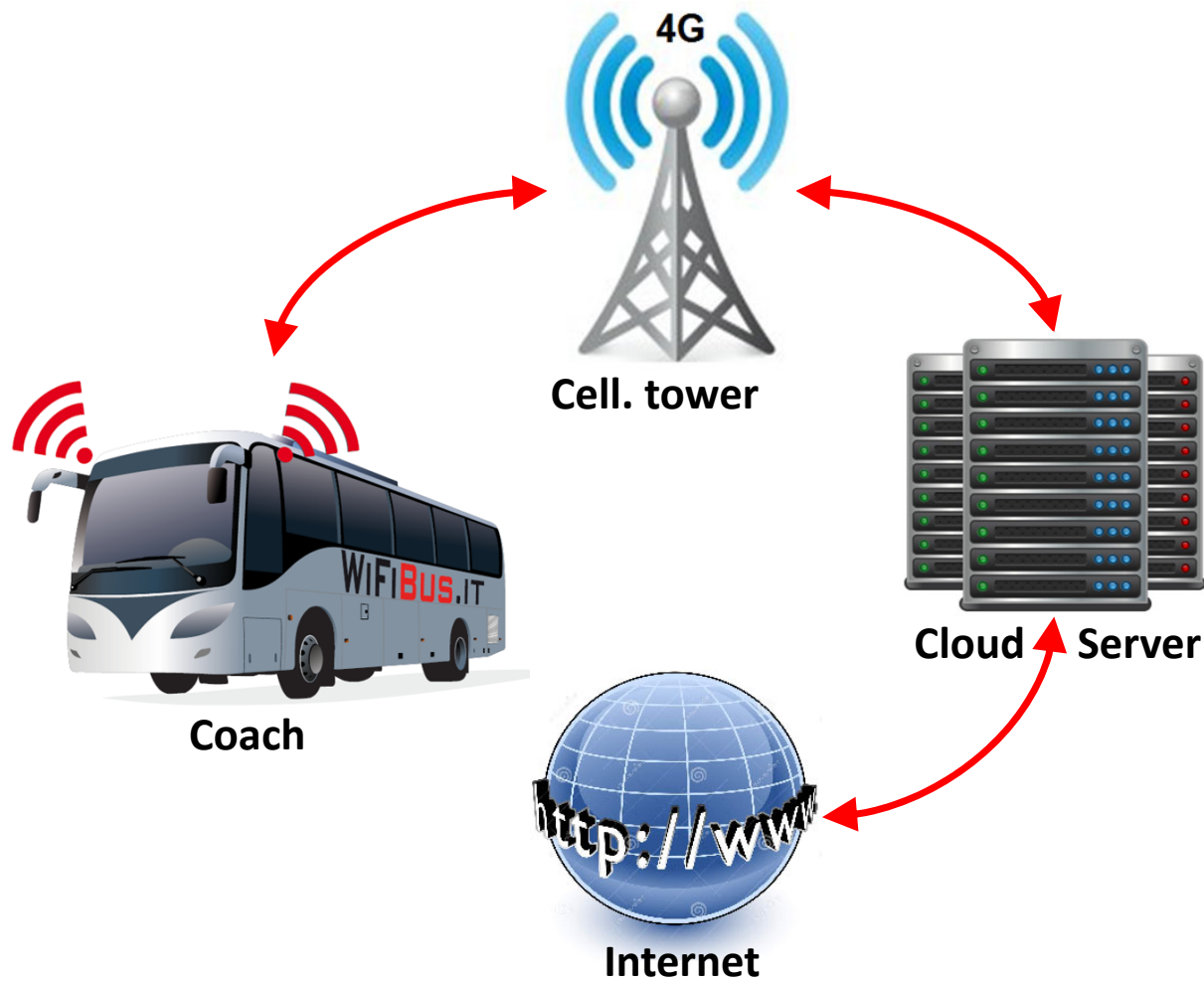
Founded in Italy in 1998, WiFiBus has become one of the world's leading providers of GSM WiFi router products for public transport, offering both innovative and award winning solutions to the market. WiFiBus is **a mobile virtual network operator** authorized by the Ministry of Economic Development. We supply to over 40 countries, serving thousand customers worldwide.



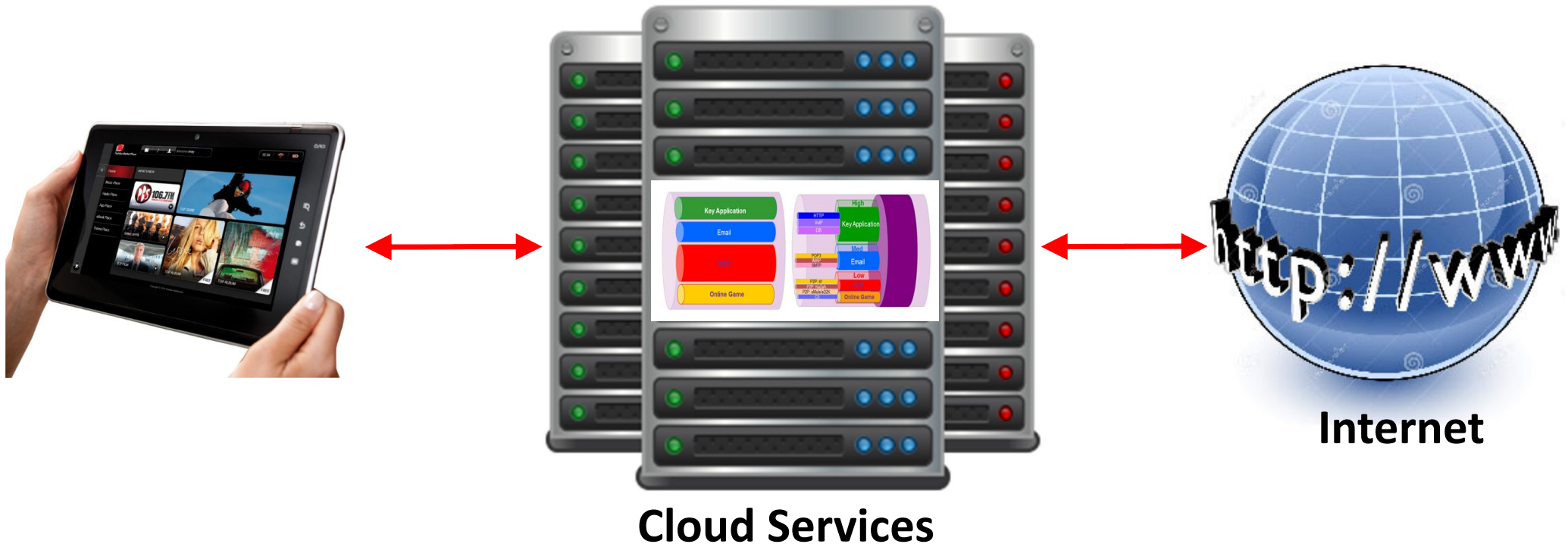
*Ministero  
dello Sviluppo Economico*



The coach is connected in real time with the WiFiBus Cloud server



The cloud server apply restrictions to passengers wifi such as video streaming, p2p protocols, adult content, downloading quota per day, etc..



# Internet traffic in Europe

We usually block this traffic

| Rank | Upstream    |        | Downstream    |        | Aggregate     |        |
|------|-------------|--------|---------------|--------|---------------|--------|
|      | Application | Share  | Application   | Share  | Application   | Share  |
| 1    | Facebook    | 17.93% | HTTP          | 17.65% | HTTP          | 16.92% |
| 2    | HTTP        | 13.45% | YouTube       | 16.54% | YouTube       | 15.15% |
| 3    | SSL         | 8.63%  | Facebook      | 12.85% | Facebook      | 13.72% |
| 4    | YouTube     | 8.25%  | SSL           | 5.68%  | SSL           | 6.17%  |
| 5    | BitTorrent  | 5.00%  | MPEG          | 4.23%  | MPEG          | 3.85%  |
| 6    | Skype       | 4.60%  | Netflix       | 3.89%  | Netflix       | 3.53%  |
| 7    | iTunes      | 3.01%  | iTunes        | 3.48%  | iTunes        | 3.40%  |
| 8    | Instagram   | 2.07%  | Google Market | 2.66%  | BitTorrent    | 3.02%  |
| 9    | MPEG        | 2.05%  | BitTorrent    | 2.60%  | Google Market | 2.43%  |
| 10   | Snapchat    | 1.86%  | Instagram     | 1.92%  | Skype         | 1.93%  |
|      |             | 64.99% |               | 69.59% |               | 70.13% |

 sandvine





## Customer access

the passenger connects the Wi-Fi hotspot and press the start button in the login page.



# Family products

NEW



4G



Wi Fi

Wi Fi



4G PRO II MOBILE



4G



Wi Fi

Wi Fi

4G PRO II



4G



Wi Fi

Wi Fi



4G PRO II GPS



# 4G PRO II MOBILE

## KEY FEATURES

LTE up to 100 Mbps Download and 50 Mbps Upload

2 x RP-SMA WiFi stick antennas 2x2 MIMO up to 300 Mbps

2 x SMA LTE + stick antennas with sticker for windshield

4 x Ethernet ports

2 x SIM slot

Operating temperature range -40°C to 75° C

You can use the device in hotel or in bus/car!!





# 4G PRO II

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2 x SMA LTE + high gain antennas with sticker for windshield

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# 4G PRO II GPS

## KEY FEATURES

LTE up to 100 Mbps Download and 50 Mbps Upload

2 x RP-SMA WiFi antennas with 2x2 MIMO up to 300 Mbps

2 x SMA LTE + high gain antennas with sticker for windshield

4 x Ethernet ports

**1 x GPS antenna**

2 x SIM slot

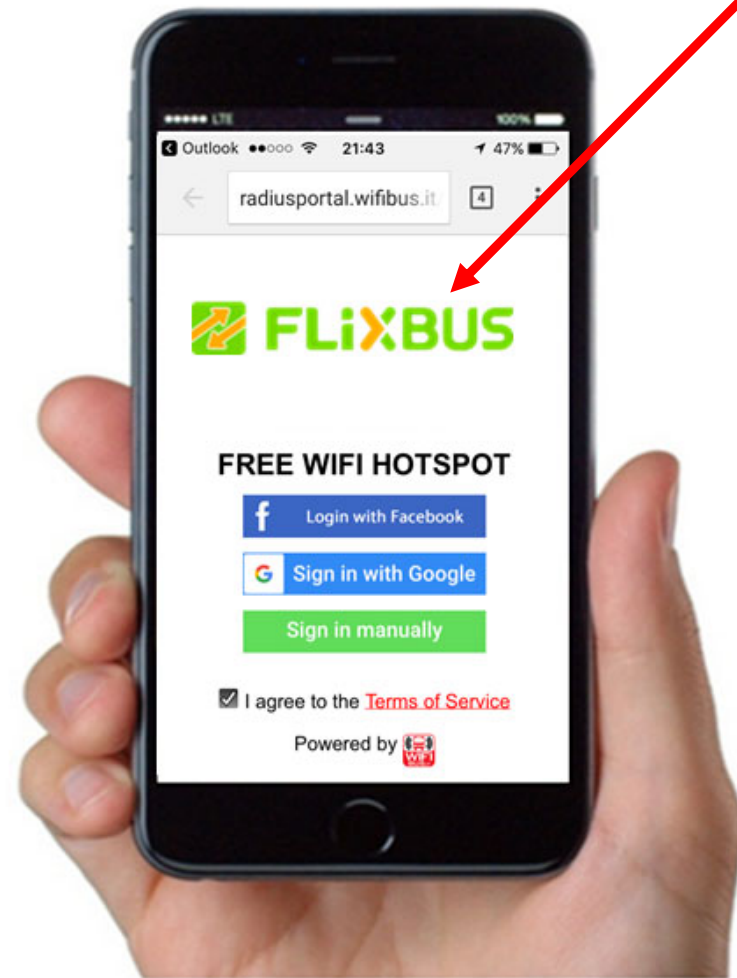
Operating temperature range -40°C to 75° C



## Passenger login page:

With social login you can collect passenger's data and also redirect the landing page in your website for surveys etc..

Your logo here



# Coach admin page

You can manage devices and view connection's statistics, download users data, etc.

WiFiBus

HOME

CHECK MY BUS

DEVICES

user:travelcp

Check your bus status

Serial  
08808148

3G/4G connections

Users sessions

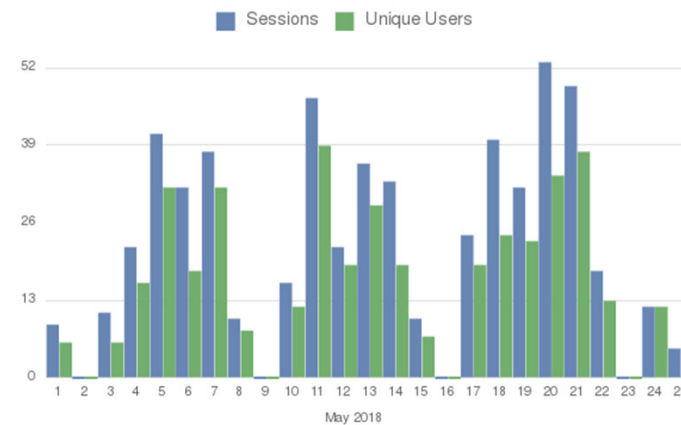
| date             | duration    | traffic | client MAC        |
|------------------|-------------|---------|-------------------|
| 04-07-2017 16:34 | 00:00:01:01 | 35.42M  | 70-14-A6-65-6D-91 |
| 04-07-2017 12:28 | 00:00:01:51 | 0b      | 18-65-90-92-D8-C5 |
| 04-07-2017 12:26 | 00:00:00:55 | 9.33M   | 18-65-90-92-D8-C5 |
| 04-07-2017 11:36 | 00:00:01:50 | 246.97k | 18-65-90-92-D8-C5 |
| 04-07-2017 11:34 | 00:00:12:19 | 18.64M  | 70-14-A6-65-6D-91 |
| 03-07-2017 19:47 | 00:00:00:13 | 130.19k | 18-65-90-92-D8-C5 |
| 03-07-2017 19:33 | 00:00:00:06 | 29.55k  | 18-65-90-92-D8-C5 |
| 03-07-2017 19:33 | 00:00:00:10 | 41.89k  | 18-65-90-92-D8-C5 |
| 03-07-2017 19:30 | 00:00:00:29 | 169k    | 18-65-90-92-D8-C5 |
| 03-07-2017 19:28 | 00:00:00:30 | 54.65k  | 18-65-90-92-D8-C5 |

10 records per page

Previous123Next

## Usage Summary

For: 202003463 - Bellando (Italy) - TO-Lecce 1  
Period: This Month  
Apply

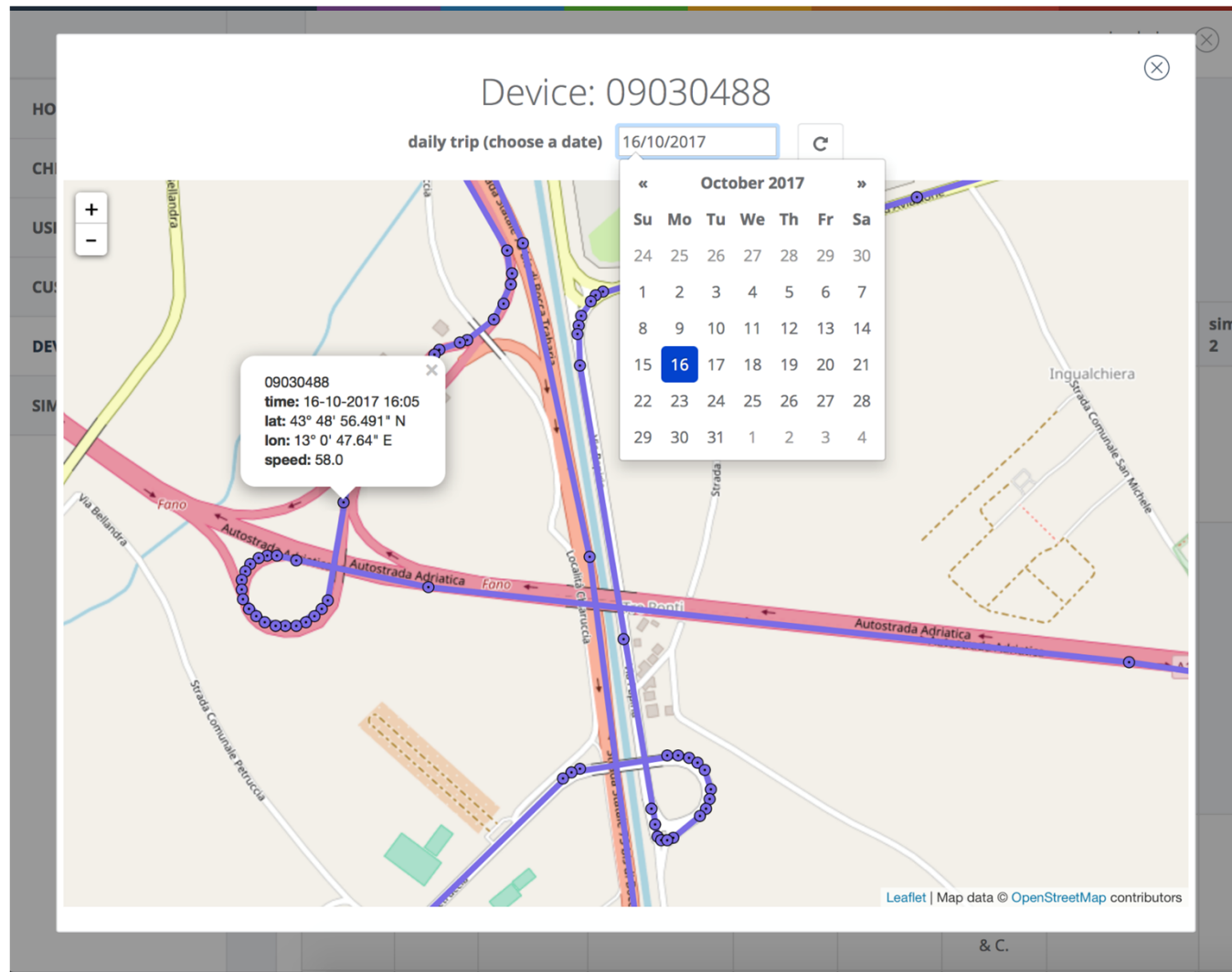


**325 people used the Wi-Fi service 560 times**

|                                      |                                 |                                 |
|--------------------------------------|---------------------------------|---------------------------------|
| <b>560</b> sessions                  | <b>64.3 MB</b> average download | <b>35.2 GB</b> total downloaded |
| <b>325</b> unique users              | <b>10.7 MB</b> average upload   | <b>5.9 GB</b> total uploaded    |
| <b>2h 5m 42s</b> average time online |                                 |                                 |



## Free GPS tracking (only for 4GPROII GPS model)

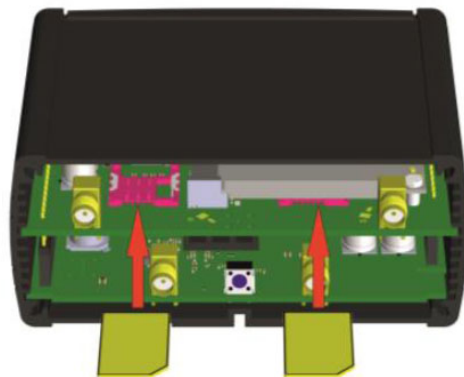




# Installation on board

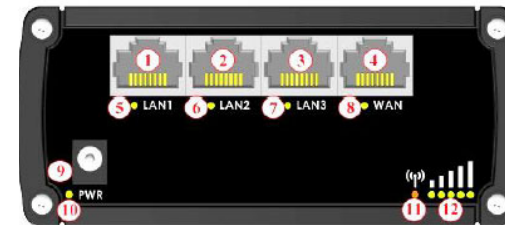


**WiFiBus 4G Pro II** device is equipped with two SIM slot, two 4G glass antennas with double-sided sticker, two WIFI sticker antenna and voltage regulator (9 - 30v ). For a strongest 4G signal we suggest to place the dipole antennas in the most top of the windshield. The distance between them must be at least 40cm, can be positioned horizontally or vertically, but at least 10 cm away from the metal uprights.

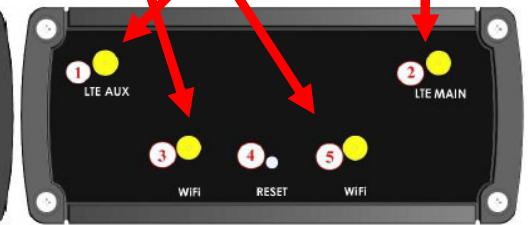


SIM 1 (primary)

SIM 2 (secondary)



| 1,2,3 | LAN Ethernet ports              |
|-------|---------------------------------|
| 4     | WAN Ethernet port               |
| 5,6,7 | LAN LEDs                        |
| 8     | WAN LED                         |
| 9     | Power socket                    |
| 10    | Power LED                       |
| 11    | Connection status LED           |
| 12    | Signal strength indication LEDs |



| 1   | LTE auxiliary antenna connector |
|-----|---------------------------------|
| 2   | LTE main antenna connector      |
| 3,5 | Wi-Fi antenna connectors        |
| 4   | Reset button                    |

WiFi antenna      LTE antenna

# WiFiBus support center



## Ticket

Guest User | [Sign In](#)



[Support Center Home](#)



[Open a New Ticket](#)



[Check Ticket Status](#)

## Welcome to the Support Center

In order to streamline support requests and better serve you, we utilize a support ticket system. Every support request is assigned a unique ticket number which you can use to track the progress and responses online. For your reference we provide complete archives and history of all your support requests. A valid email address is required to submit a ticket.



### Open a New Ticket

Please provide as much detail as possible so we can best assist you. To update a previously submitted ticket, please login.

[Open a New Ticket](#)



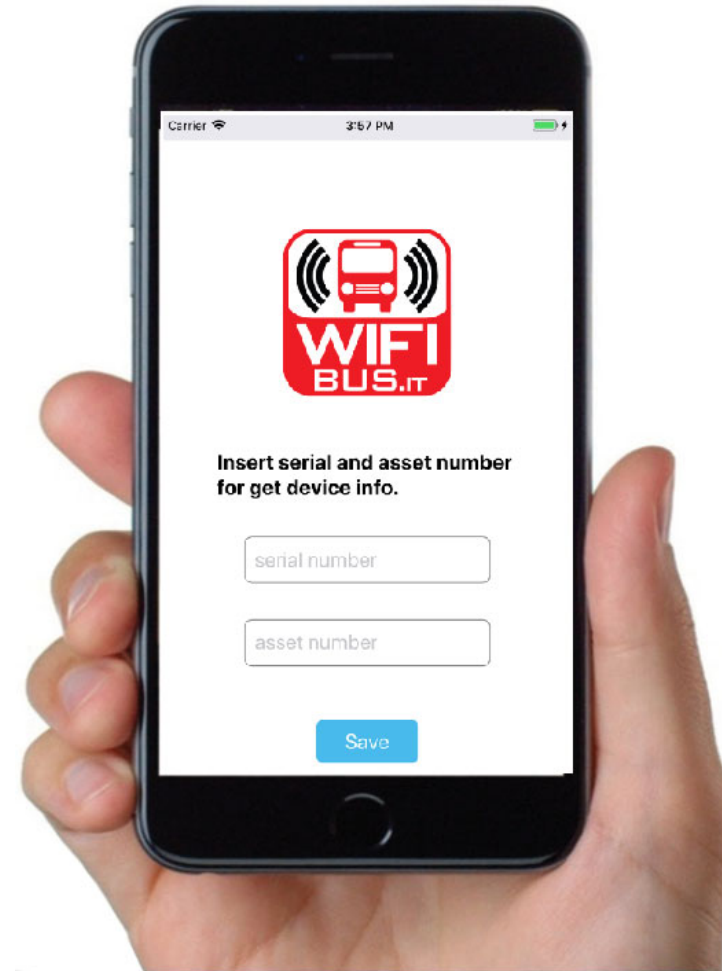
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[Check Ticket Status](#)



# WiFiBus APP



# WiFiBus helpdesk



<http://www.wifibus.eu/en/download-app/>



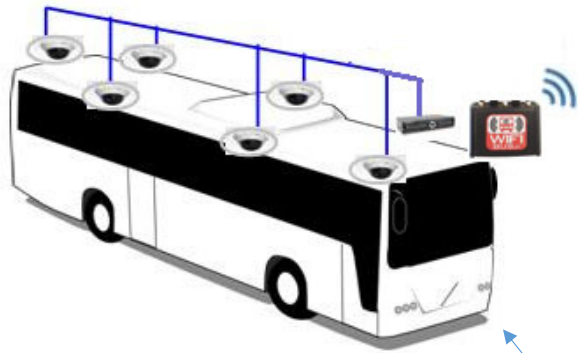
With the APP it is possible to verify:

- the quality of the connection in real time (expressed in "notches")
- the number of users connected in real time
- the last link
- the traffic in download and upload generated by each passenger with relative MAC Address
- the mobile operator to which you are connected

You can also send a request to technical assistance by entering your name, phone number, email and any photo, selecting the problem from a pop-up menu.



# What's next ?



Remote video surveillance

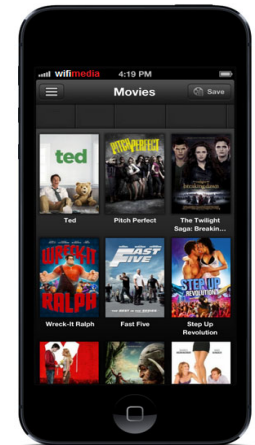
## BUS COMPANY OPERATIONS CENTRE



Coach real time position



Schedule content for digital signage



Entertainment on board





# REFERENCES

