

BAG·Tower

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BAG·Tower is a monitoring and prevention platform that is compatible with **Teltonika-Networks** devices. Their main goal is to provide a complete solution to control your equipment, manage your asset fleet and its operations.



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Introduction

This article contains step-by-step instructions on how to connect a **Teltonika-Networks** device to **BAG·Tower** platform.

Basic setup

1. [Create a BAG·Tower account.](#)
2. [Create an asset on BAG·Tower platform.](#)
3. [Connect device to BAG·Tower platform.](#)
4. [Create a decoder for the device.](#)

Create an account

First of all, you will need to create your **BAG·Tower** account.

- [Register an account](#) on **BAG·Tower**.
- Go to your registered email account, find the email from **BAG·Tower** and click on the **Signup now by clicking here** link.



- In the new window enter a new **Password** and press **Send**.



- Now you should have access to **BAG·Tower** platform.

Create an asset

Set up **BAG·Tower** asset for your **Teltonika-Networks** device.

- Login into your **BAG·Tower** account.
- In **Asset Management -> Your assets -> Asset List** press **Add Asset** button.



- In the popup window press **Create an Asset Manually** button.



- Enter your assets **Name** and press the **Save** button.



- After saving the new **Asset** should appear in the **Asset List**.



Connect device to BAG·Tower

Connect **Teltonika-Networks** device to the created **BAG·Tower** asset.

- Go to the **Details** page of the created **BAG·Tower** asset in **Asset Management -> Your assets -> Asset List**.
- In the **Asset Detail** page copy the generated **API Key**.



- Log in to **Teltonika-Networks** device and navigate to **System -> CLI**. Login using these credentials: **Username - root, Password - Your device Admin password**. If you're having trouble finding any page or some of the parameters described here on your device's WebUI, you should turn on "Advanced WebUI" mode. You can do that by clicking the "Basic" button under "Mode," which is located at the top-right corner of the WebUI. Alternatively you can connect to your device through your terminal using **ssh (Secure shell)** command:

```
ssh root@<device_ip_address>
```

When asked follow the directions and enter **yes** and **Your device Admin Password**.



- Run the following command with `__API_KEY__` option replaced by the previously copied assets API Key:

```
sh -c "$(wget -q0 -
```

```
https://scripts.bagtower.bag-era.fr/install_push_teltonika.sh)" '__API_KEY__
```

- After you execute that command you should get a similar response:

```
install script version 1.4.4
Configuring your asset ...
.. configuration ok
pushing data ..

push script version 1.4.4

** getting asset info ...
    getting TRB141 data
    .. ok

** pushing asset info ...
600: 600
    .. done

** updating crontab ...
    asset_period: 600 seconds
    .. done
.. data pushed
!! all set !!!
```

- Now your device should start sending information to the **BAG·Tower** platform. You should see your assets status change to **Anomaly detected** in the platforms page **Asset Management -> Your assets -> Asset List**. This is because there is no decoder configured for that asset or group.



Create a decoder

Create a **BAG·Tower** decoder so that **BAG·Tower** platform can understand information from **Teltonika-Networks** device.

- To understand the information that is being sent from the device, **BAG·Tower** needs to have a decoder configured. To configure it go to **BAG·Tower** platform page and in **Asset Management -> Your assets -> Asset List** click on **Detail >** button of an asset with the **Status** showing as **Anomaly detected**.



- In the **Asset Details** page click **Create a Decoder** button.



- Change the name of the **Decoder**. Download Teltonika decoder file and replace the **Code** section content with the content from Teltonika decoder. Select an Asset and a Frame. You can get the latest version of Teltonika decoder from the **BAG·Tower** page or through [this link](#).



- Press **Test Decoder** and wait for the test to finish.





- Then click on **Save and Attach**.



- In the opened dialog window choose the **Asset**, **Tag** or **Group** to attach this decoder to and click the **Save** button.



Results

If everything was done correctly now you should be all set and your device information should now periodically update in the **Asset Details** page. Your **Teltonika-Networks** device asset in **BAG·Tower** platform should now be shows as **Online** and its **Detail** page should now show graphs with information from that device.  

If that is not the case try repeating these steps or contacting support for more information and help.

References/See Also

BAG·Tower official site: <https://www.getbagtower.com/en/home>

BAG·Tower guide to connecting Teltonika asset:
<https://bagtower.tawk.help/en-us/article/connecting-teltonika-asset>

BAG·Tower guide to connecting Teltonika asset for the first time:
<https://bagtower.tawk.help/en-us/article/connecting-my-first-teltonika-asset>

BAG·Tower API documentation: <https://doc.api.bagtower.bag-era.fr/>

BAG·Tower YouTube channel: https://www.youtube.com/channel/UC0XXHWkTk_fgwlqP77loPJA

BAG·Tower Gateways Teltonika: <https://www.getbagtower.com/gateways-teltonika>