

 <p><i>Figure 18</i></p>	<p>7. The encoder display will prompt you to place an RFID tag, and a sound notification is heard.</p>
 <p><i>Figure 19</i></p>	<p>8. The encoder display will state when the RFID tag has been written, and a sound notification is heard.</p>
 <p><i>Figure 20</i></p>	<p>9. The encoder display will show 'Done' when the encoding has finished and the RFID tag can be removed from the encoder. A sound notification is heard.</p>

10. A message 'Key for XX was successfully created' will be shown in Vostio.

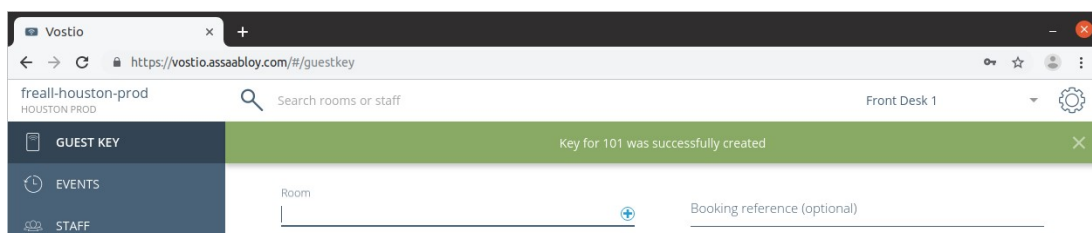


Figure 21

5. Web interface

Note: A Linux platform is installed on the encoder at delivery, but it is mandatory to check if it is the latest available platform version; follow the steps in [section 5.4.1](#) to do this. If it is not, follow the steps in [section 5.4.2](#) to upgrade the platform. The required encoder apps are automatically downloaded when Vostio Service Tool is connected to the encoder, so the steps in [section 5.4.3](#) should normally not need to be performed.

In the web interface, it is also possible to

- [change network settings](#) (e.g. set a static IP address for the encoder)
- [modify the volume of the encoder sound](#)
- [view logs for apps and for Linux platform](#)

Note: It is recommended to use *Google Chrome* for the web interface.

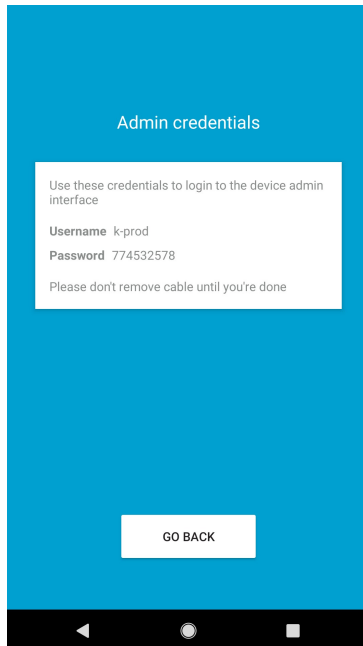


Figure 22

1. If **Show admin credentials** was chosen in the [Encoder setup screen](#) in *Vostio Service Tool* (or when setting up an encoder again according to [section 2.1](#)), a screen as in the example in Figure 22 is shown. The username is the login username for Vostio Service Tool. The password is a one time password which can be used for logging into the encoder web interface; see [step 6](#) below.
2. In the web browser, enter <https://<ipaddress>/admin> or [https://\[<ipv6address>\]/admin](https://[<ipv6address>]/admin). The IP address is shown in the encoder display. The IPv6 address is correlated to the MAC address (which is found on the label on the encoder) according to the formula
MAC address 00:17:7a:0f:00:05
IPv6 address fe80::217:7aff:fe0f:0005
green = fixed value (fe80 is *Link Local*)
purple = serial number

3. When the IP address or IPv6 address is entered as above, there will be warnings from the web browser; see Figures 23-24. The warnings are expected and appear since a certificate based on an ASSA ABLOY Global Solutions certificate authority is used. Dismiss the warnings by following steps 4-5 below.
4. Click 'Advanced' at the bottom of the screen shown in Figure 23.

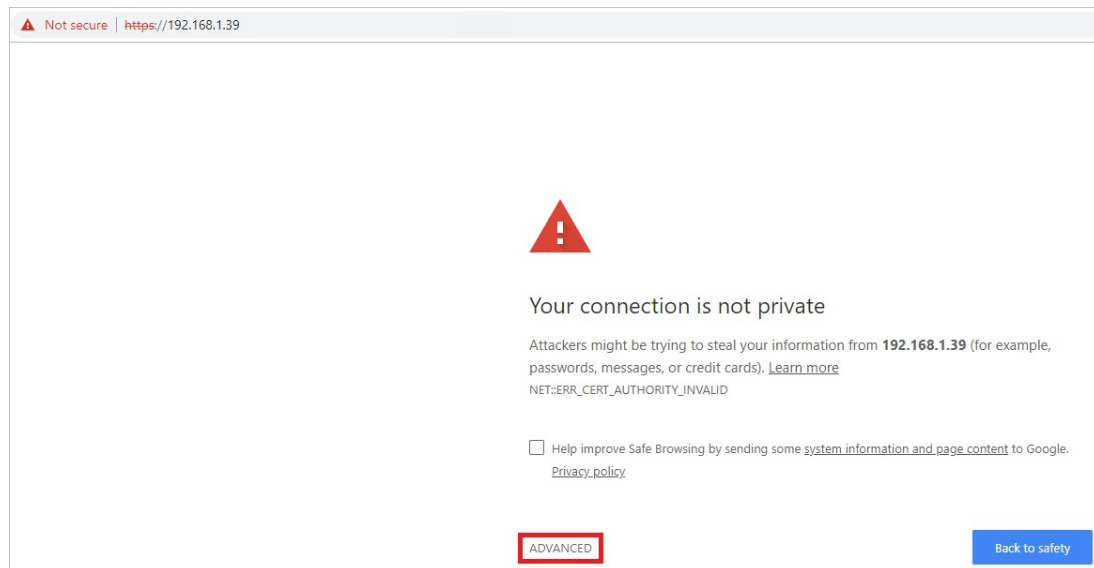


Figure 23

5.A message as in Figure 24 will be shown; click 'Proceed to...' at the bottom.

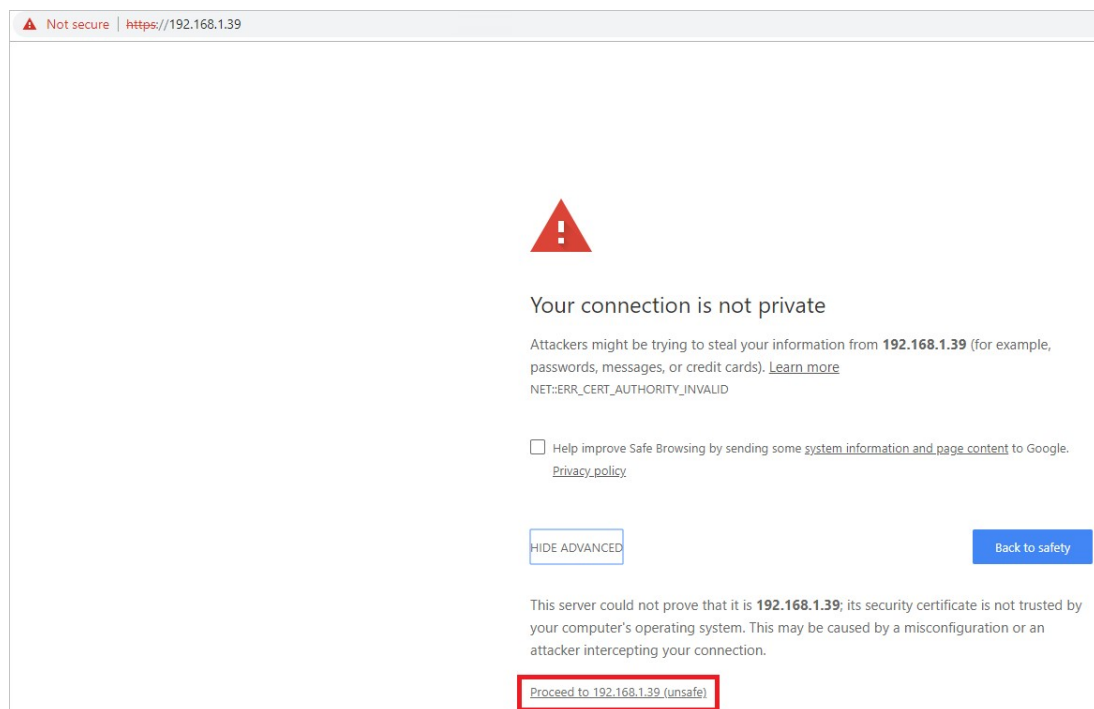


Figure 24

6.In the login dialog which will be shown (see Figure 25), enter the username and password which were shown in the [Admin credentials screen](#).

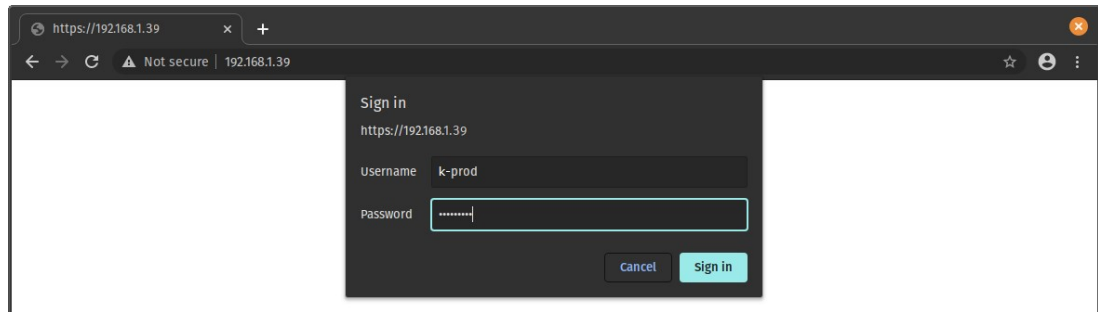


Figure 25

7. A web interface with a menu bar as in Figure 26 will be shown.

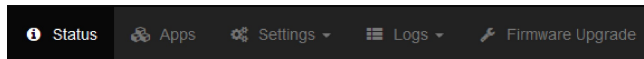


Figure 26

5.1 Changing network settings

1. Under **Settings** in the web interface menu, choose **Network**.

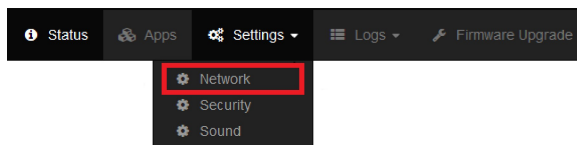


Figure 27

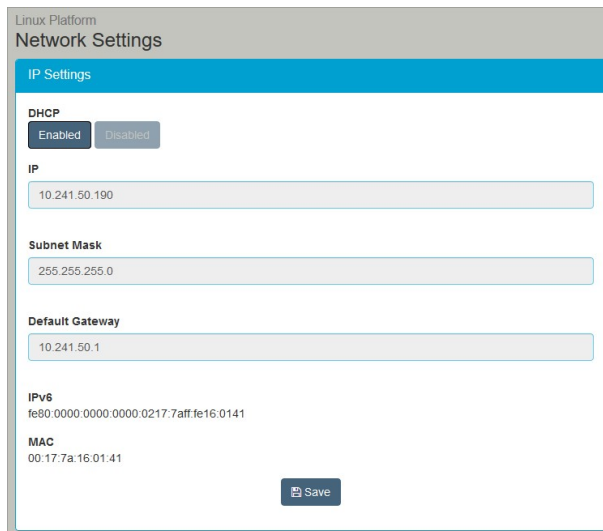


Figure 28

2. DHCP (*Dynamic Host Configuration Protocol*) is by default enabled; see Figure 28.

Linux Platform
Network Settings

IP Settings

DHCP
Enabled Disabled

IP
10.241.50.170

Subnet Mask
255.255.255.0

Default Gateway
10.241.50.2

IPv6
fe80:0000:0000:0000:0217:7aff:fe16:0141

MAC
00:17:7a:16:01:41

Save

Figure 29

3.If instead a static IP address should be set, click the **Disabled** button under **Network Settings**.

4.At **IP**, enter the desired static IP address; see example in Figure 29.

5.Click **Save**.

Linux Platform
Network Settings

IP Settings

The device has a new IP address.
[Click here to load new address.](#)

DHCP
Enabled Disabled

IP
10.241.50.170

Subnet Mask
255.255.255.0

Default Gateway
10.241.50.2

IPv6
fe80:0000:0000:0000:0217:7aff:fe16:0141

MAC
00:17:7a:16:01:41

The device has a new IP address.
[Click here to load new address.](#)

Figure 30

6. A message 'The device has a new IP address' as in Figure 30 will be shown.

7.Click the link 'Click here to load new address'; the IP address in the address field of the browser will be updated.



Figure 31

5.2 Modifying encoder volume

1. Under **Settings** in the web interface menu, choose **Sound**.

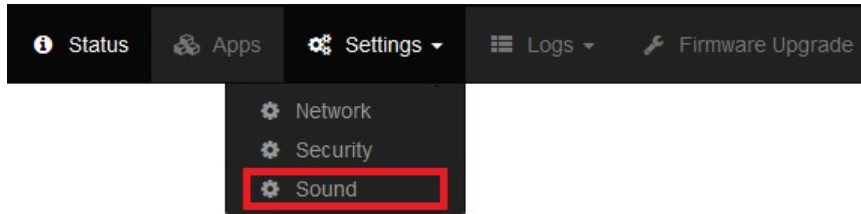


Figure 32

2. The below page in the web interface will be shown, where the volume of the encoder sound can be adjusted or the sound be disabled.
3. Make the desired changes and click **Save**.

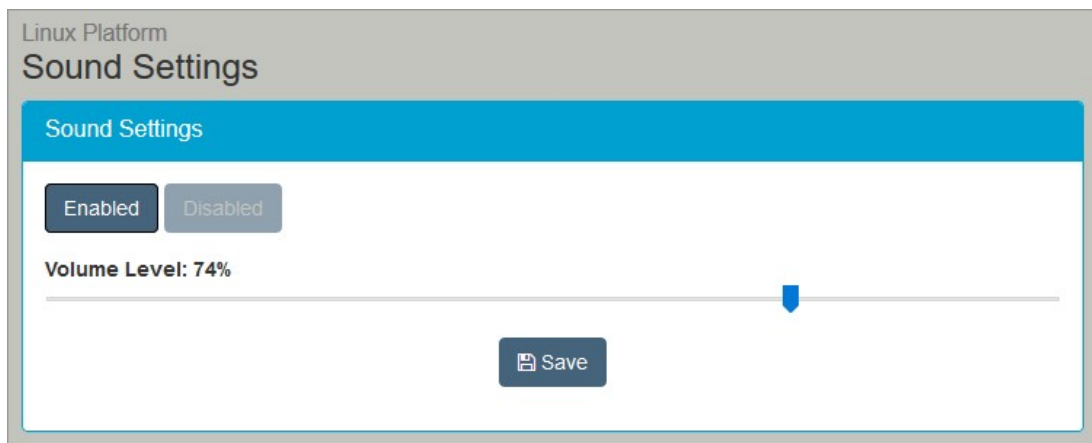


Figure 33

5.3 Viewing logs

To look at a log, choose the **Logs** alternative in the menu and then mark the applicable one of *Linux Platform* or any of the applications.

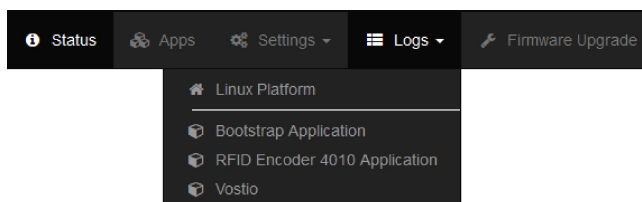


Figure 34

5.4 Installing platform and apps

5.4.1 Viewing version for platform and apps

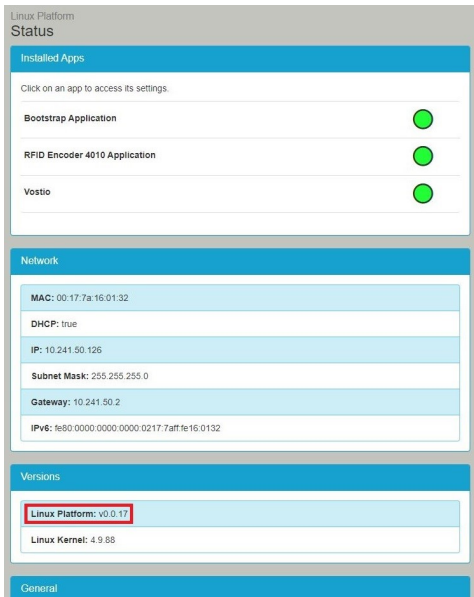


Figure 35

1. The Linux platform version is shown on the Linux platform **Status** page, under **Versions**; see lower part of Figure 35. The **Status** page is shown directly when you log in to the web interface, and can also be reached by clicking **Status** in the [menu bar](#) of the web interface.
2. If the platform version is not the latest available one, the upgrade steps in [section 5.4.2](#) should be followed.

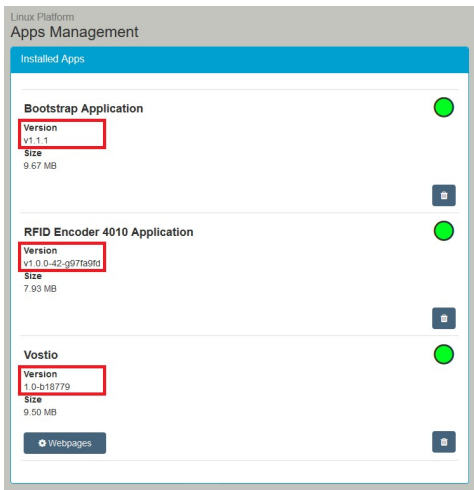


Figure 36

To view the app versions:

1. Click **Apps** in the [menu bar](#) of the web interface. The versions are shown as in Figure 36.

5.4.2 Upgrading Linux platform

Note that upgrading of apps is done according to [section 5.4.3](#) and not from the **Firmware Upgrade** dialog.


<div><div>Firmware Upgrade</div><div>Upgrading the ASSA ABLOY Global Solutions platform firmware requires the device to be rebooted. The entire process can take a few minutes. Please be patient.</div><div>Firmware</div><div>Select Firmware</div></div> <div>Figure 37</div>	<div>1. Click Firmware Upgrade in the menu bar; a screen as in Figure 37 will be shown.</div> <div>2. Click the  button and select the desired version.</div>
<div><div>Firmware Upgrade</div><div>Upgrading the ASSA ABLOY Global Solutions platform firmware requires the device to be rebooted. The entire process can take a few minutes. Please be patient.</div><div>Firmware</div><div>signed-encoder-platform-v0.0.17.tar.gz</div><div>Upload Firmware</div></div> <div>Figure 38</div>	<div>3. In the dialog shown in Figure 38, click Upload firmware; the upgrade procedure will start and screens as in Figures 39-41 will be shown.</div>
<div><div>Firmware Upgrade</div><div>Upgrading the ASSA ABLOY Global Solutions platform firmware requires the device to be rebooted. The entire process can take a few minutes. Please be patient.</div><div>Uploading the firmware to the device, please wait...</div></div> <div>Figure 39</div>	
<div><div>Firmware Upgrade</div><div>Upgrading the ASSA ABLOY Global Solutions platform firmware requires the device to be rebooted. The entire process can take a few minutes. Please be patient.</div><div>Upload completed, running firmware upgrade script...</div><div>Preparing work directory Current index is 1, write index is 0 Erase flash partition Mounting flash partition Moving tarball to flash Unpacking firmware upgrade</div></div> <div>Figure 40</div>	



Figure 41



Figure 42

4. Make sure that the message 'Device rebooted successfully' is shown before the web interface is opened.

5.4.3 New app installation

The apps are automatically downloaded when Vostio Service Tool is connected to the encoder, but if they in some scenario need to be manually installed the steps below should be performed.

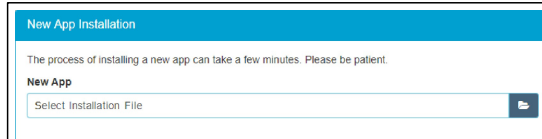


Figure 43

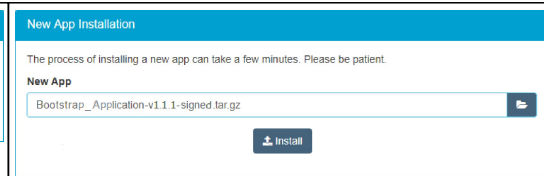



Figure 44

1. Click **Apps** in the menu bar; in the **Apps Management** page which is shown, **New App Installation** (see Figure 43) is found at the bottom.
2. Click the  button and choose the applicable installation file.
3. In the dialog shown in Figure 44, click **Install**; screenshots as in Figures 45-46 will be shown.

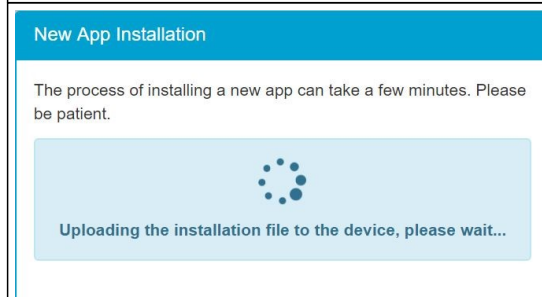


Figure 45

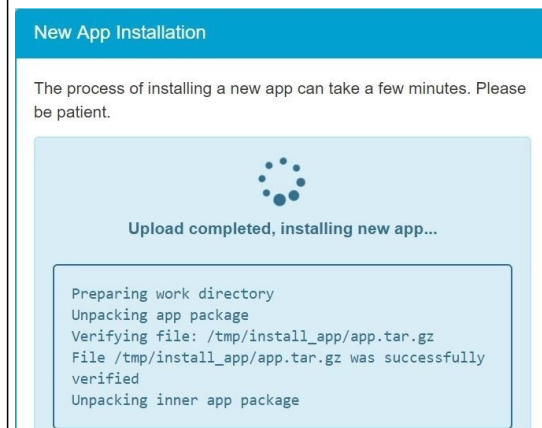


Figure 46

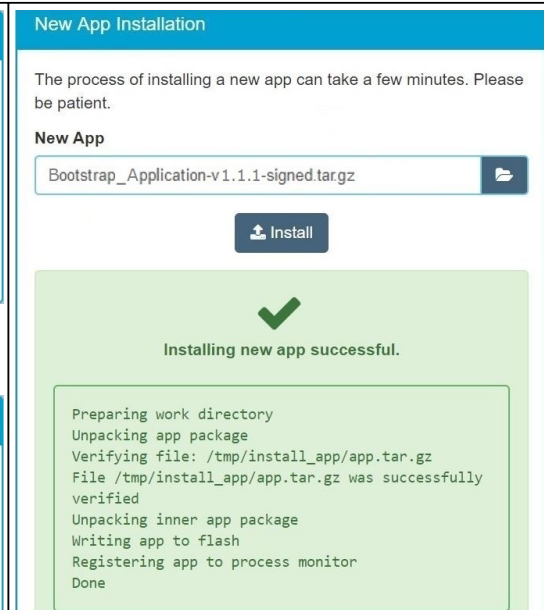


Figure 47

4. Make sure that 'Installing new app successful' is shown; see Figure 47.

6. Troubleshooting

[Encoder setup fails](#)

[Encoder connection fails](#)

6.1 Encoder setup fails

If the encoder setup fails, Vostio Service Tool will instead of the success message in [Figure 11](#) show a screen 'Failed to set up encoder' followed by a more detailed text about the error; see an example of error in Figure 48. Note that the session ID should be provided in contact with Vostio support.

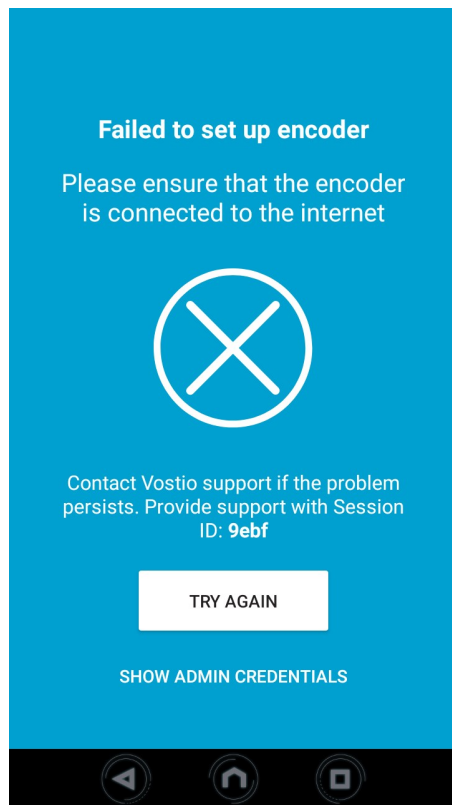


Figure 48

6.2 Encoder connection fails

If the encoder connection fails, Vostio Service Tool will show a screen 'Failed to connect to encoder' followed by a more detailed text about the error; see an example of error in Figure 49. Note that the session ID should be provided in contact with Vostio support.

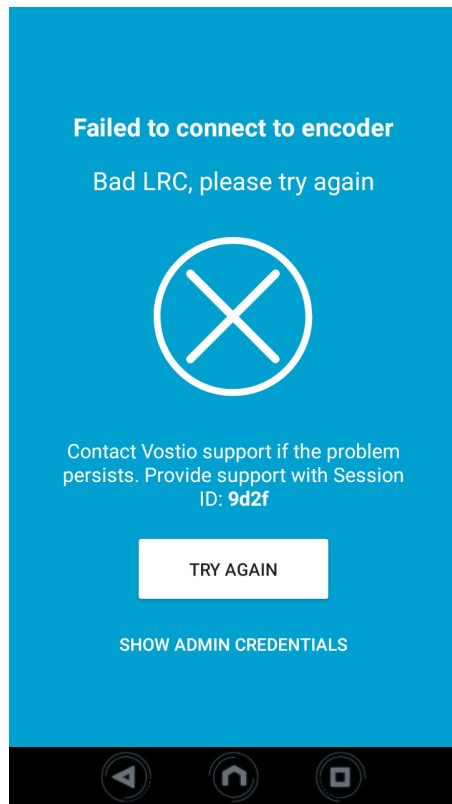


Figure 49

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