WEATHER BALLOON

RESEARCH

Connecting Tektelic Gateway to The Things Network

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1. Apply power to the Gateway using the AC-DC Adapter with the Ethernet cable connected to the Ethernet port for an Internet connection

2. Download KonaFT Application

   a. https://support.tektelic.com/portal/en/kb/articles/konaft
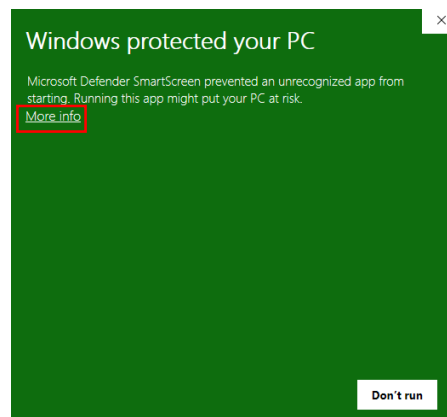
   KonaFT Application

   Kona FT **V0.43** is the current version of KonaFT. To use all of the features available in this tool, please upgrade your gateway to the latest available BSP. The installation package is attached to this article.
   *To use all of the features available in v0.43, please upgrade your gateway to the latest available BSP.
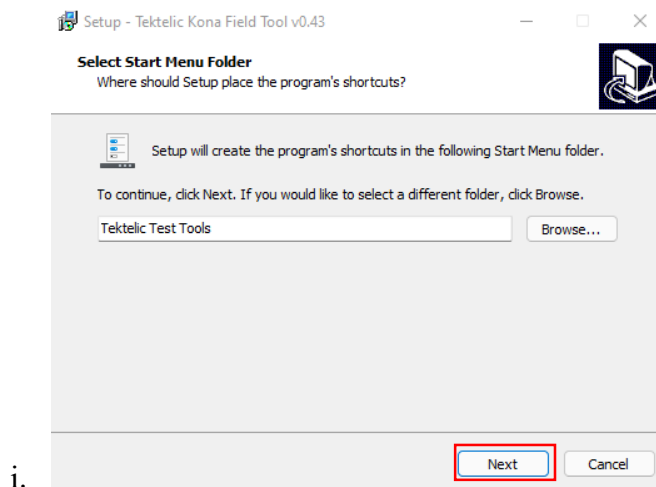
   Attachments :

   release_notes.txt
   15 KB

   Kona_Field_Tool_setup.v0.43.exe
   20 MB
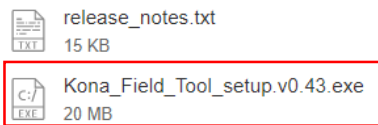
   i.

   b. Click "Kona_Field_Tool_setup.v0.43.exe" to download installer

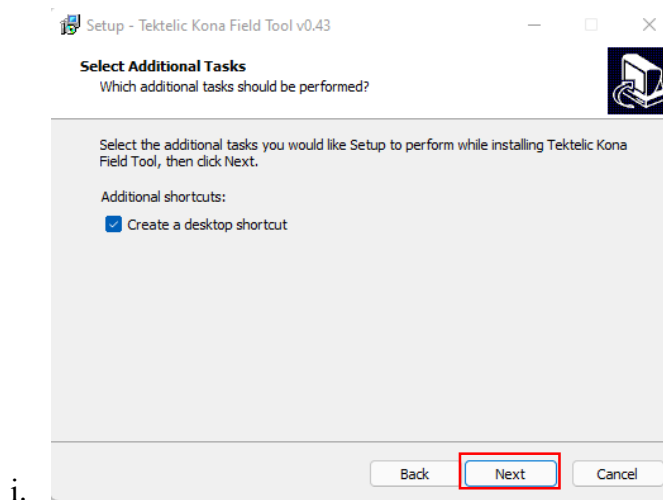   c. Run the installer

   d. A message below will appear

   Windows protected your PC

   Microsoft Defender SmartScreen prevented an unrecognized app from starting. Running this app might put your PC at risk.
   More info

   Don't run

   i.

   e. Click "More info"

   f. Click "Run anyway"

g. Click "Yes"

h. Click "Next"

i.

i. Click "Next"

i.
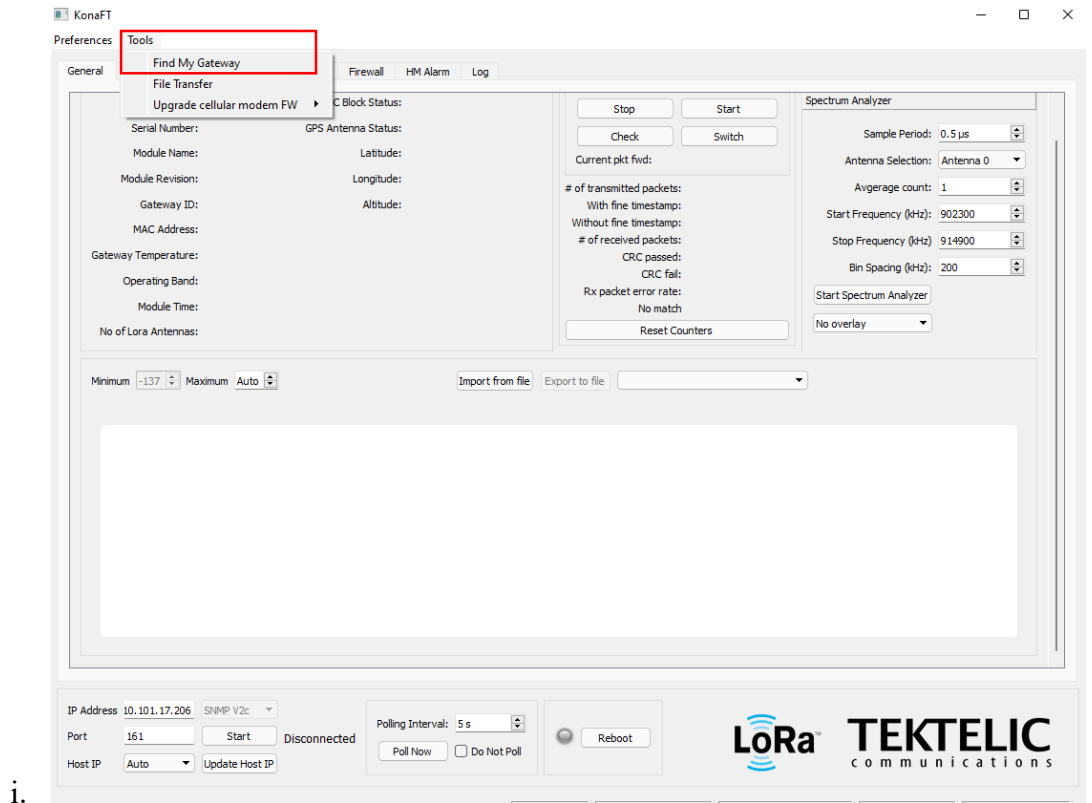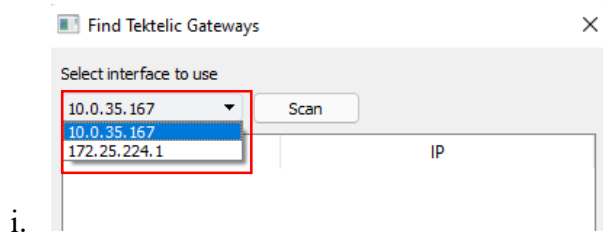
j. Click "Finish"

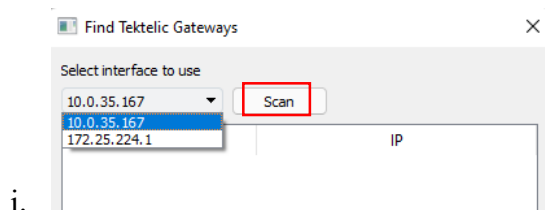i.
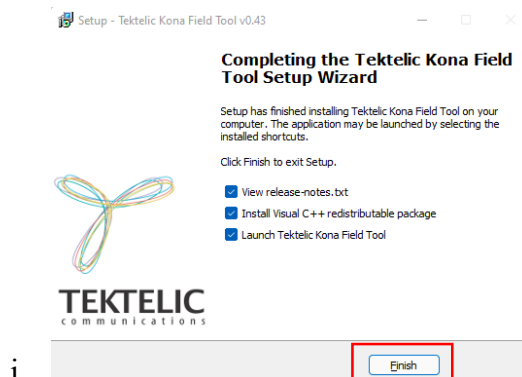
3. Find the gateway

    a. Start KonaFT

    b. Click "Find My Gateway" under "Tools"

        i.

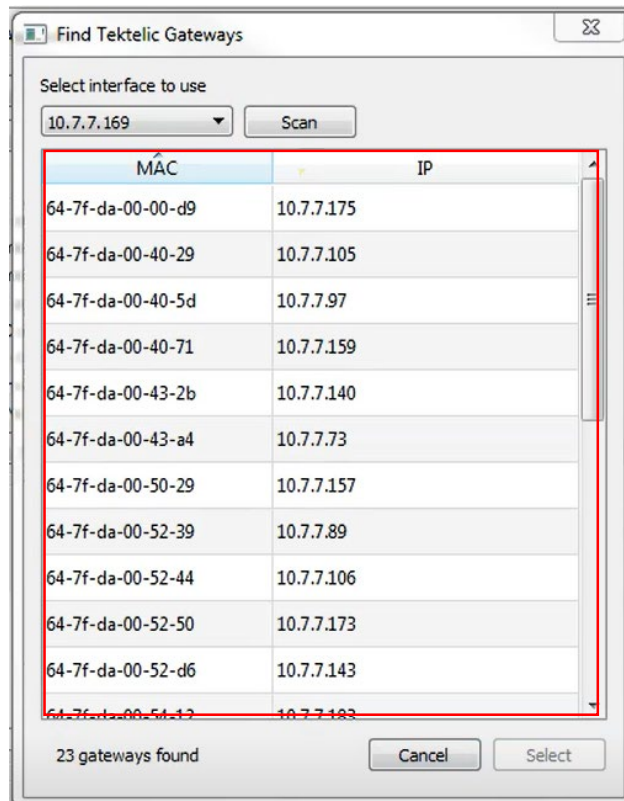   c. Select your network address that the tool will scan over

        i.

    d. Click "Scan" and wait for one to two minutes

        i.

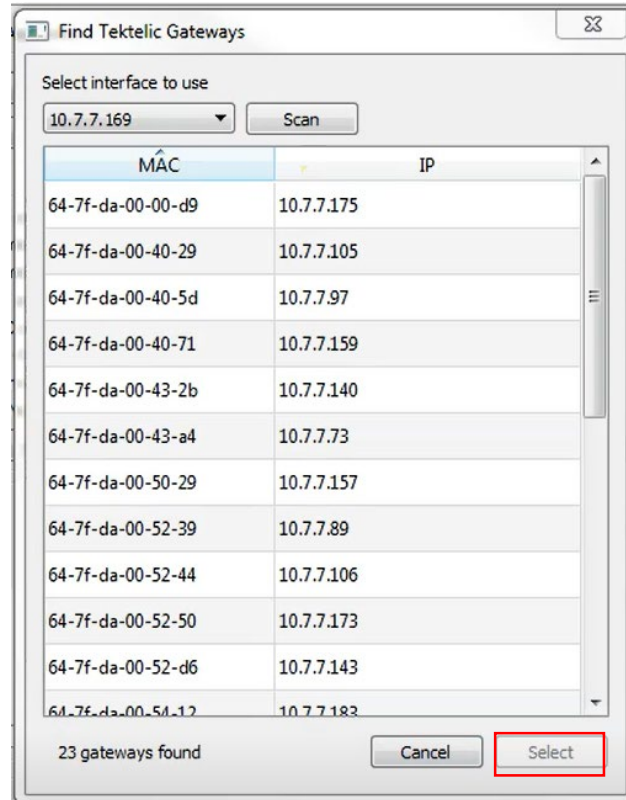e. Find the MAC Address printed on the label of the gateway.

i.

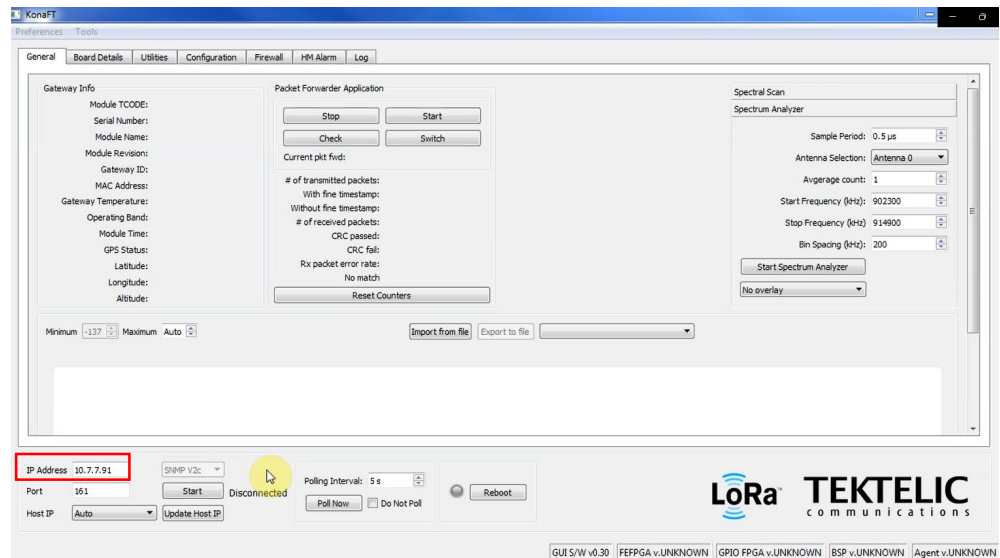f. Select the appropriate device with the MAC Address on the "Find Tektelic Gateways" panel

i.

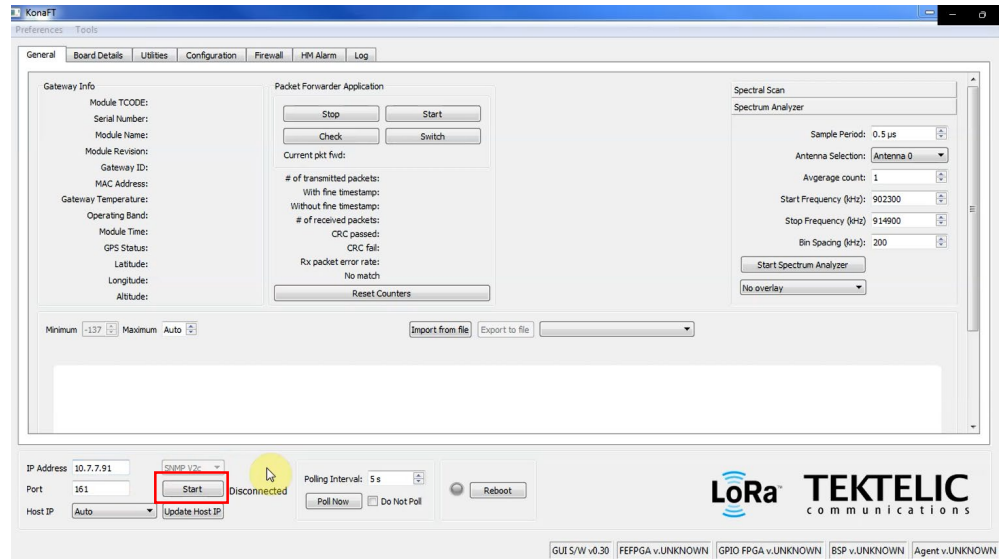g. Click "Select"

    i.

h. IP Address field on the bottom left of KonaFT will be filled.
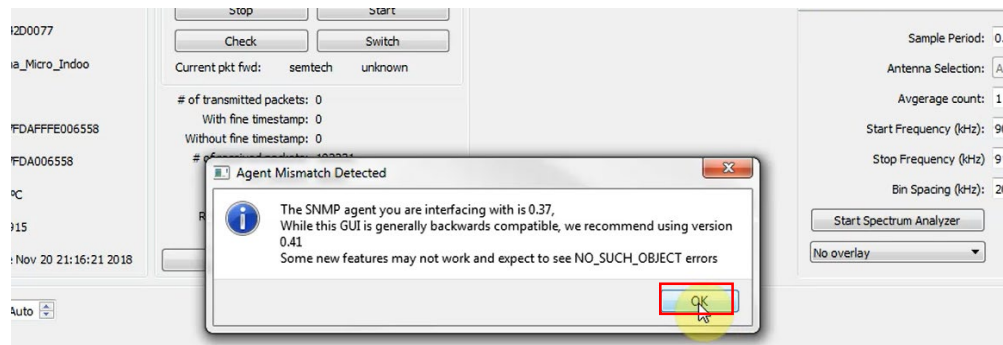

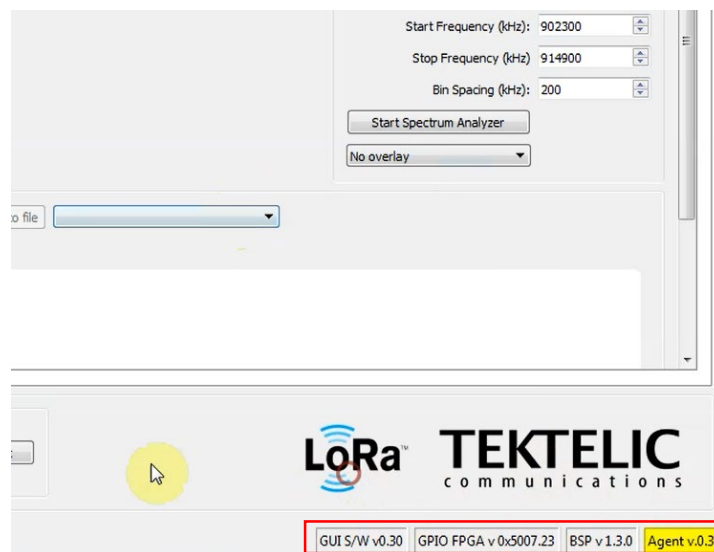   i.

i. Click "Start" to connect the gateway to the KonaFT

i.

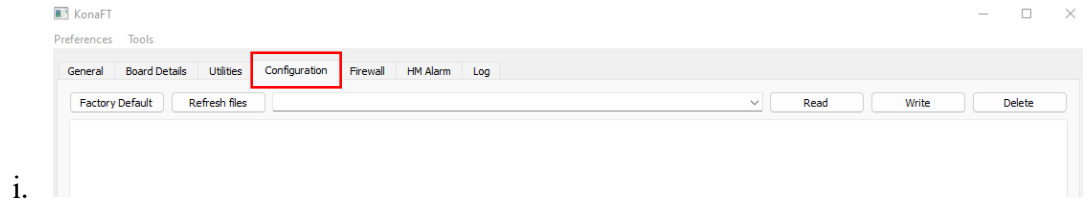j. Click "OK"

i.

k. Make sure bottom right corner of KonaFT is filled

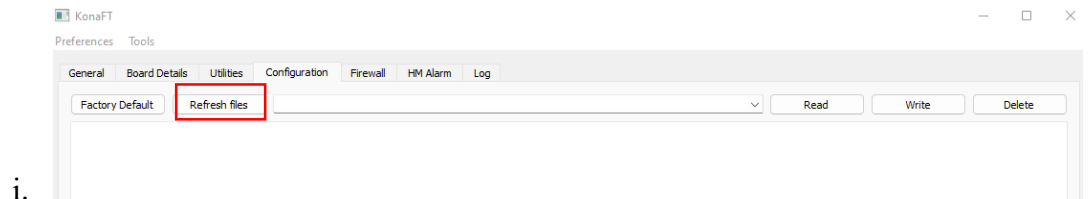
i.

4. Configure your gateway
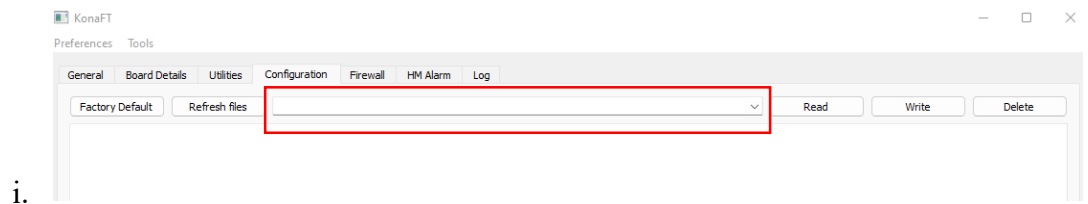
   a. Select Configuration tab

      i.
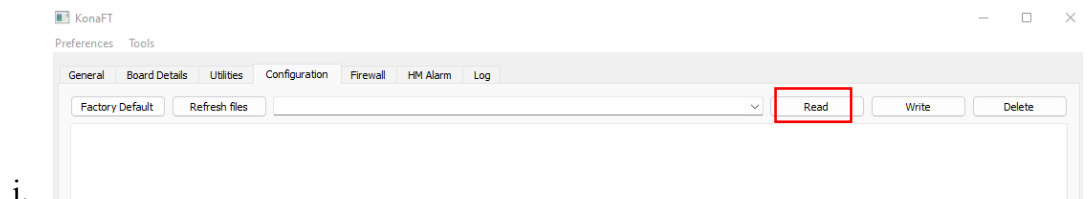
   b. Click "Refresh files"

      i.

   c. Select config.json from the drop down menu

      i.

   d. Click "Read"
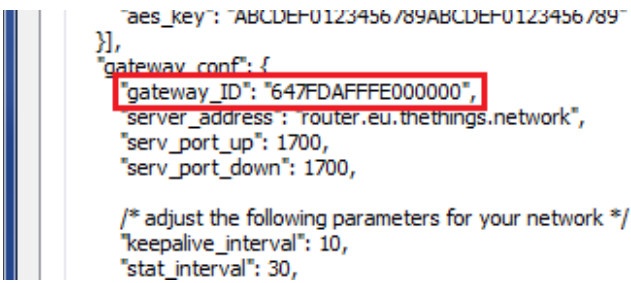

      i.

   e. Update the server_address to point the gateway to the correct router
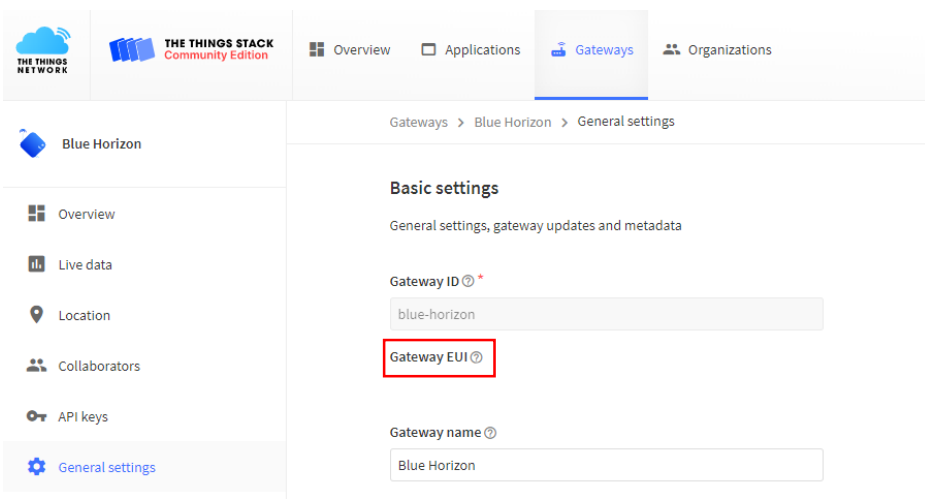

      i.

   f. Add the gateway EUI under "gateway_conf"

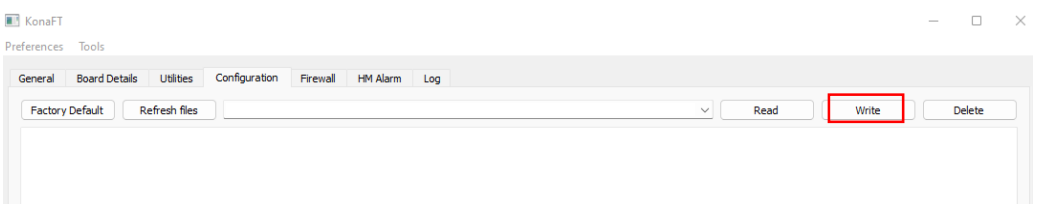   i.

      ii. Gateway ID is located when you added the gateway on The Things Network

      iii.

   g. Click "Write"

      i.

   h. Reboot the gateway

5. The gateway is now connected to The Things Network