IoT-Enablement-Kit 4
Get your wireless sensor IoT-Kit powered up and running in just a few simple steps.

1) Preparing the Hardware

1. Prerequisites: Android Smartphone (Requires Android 5.0 and up)
2. Source code of the phyNODE Android app is available on Github
   Open the GitHub page and search for „phynode-android-app“.
   You can find the app in the „PHYTEC Messtechnik GmbH“ GitHub page.

KIT CONTENTS: phyNODE®-KW41Z mit phyWAVE®-KW41Z

- JTAG Cable
- Lanyard & Clip
- Arduino Shields slot
- Micro-USB Cable
- CR2032 Battery, AA with clips
- Lanyard clip
- CR2032 Battery, AA with clips
- Battery Mount CR2032
- AA battery holder or Lanyard loop

phyWAVE-KW41Z Wireless Module
Universal Debugger (detachable)

- X4
- X2
- Power
- S2
- User-Button

phyNODE-KW41Z

- Temperature Humidity Sensor
  HDC1010
- Air Quality Sensor
  CCS811
- RGB-LED

Reset-Button

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3) Getting Connected

1. In the open phyNODE Android app click **START SCAN** to scan for phyNODE Boards in Advertising Mode (D).
2. The App will find one active phyNODE board (E).
3. Click the phyNODE-ePaper that is being listed in your App. You can add all details for writing new data to the passive display of the phyNODE (F).
4. Fill the fields in the form with your Title, Name and Department.
5. You can set a monochrome 125*25 pixel picture for your company logo optional.
6. A preview of the passive display contents will be shown in the upper area of the App (G).
7. Click „SEND“ to upload the picture to the phyNODE (H).

After sending the data to the phyNODE, the passive display will update its content.