

## **Release Notes**

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### **1. What is new in this version**

This version (V1.5.4) is an upgrade version from last release (V1.5.0). It added a new feature that user can register through “mPower Safety International”, and some enhancements and fixed some bugs.

#### **[New features]**

- 1) Added user registration through “mPower Safety International”.

#### **[Enhancements<sup>i</sup>]**

- 1) Updated the service certificate of “mPower Safety”.
- 2) Added the recognition of the benzene mode for NEO.
- 3) Added the setting of the specific value of zero band in the detection mode for VOXI.

#### **[Bugs Fixed]**

- 1) Updated the limit of heartbeat alarm time, motionless time and warning time.
- 2) Fixed the bug that caused incorrect reading of sensor status, bump-cal interval and calibration date.
- 3) Fixed the bug that the device information cannot be read when there is no sensor installed.
- 4) The user registration status shows incorrectly after the app restarts.
- 5) Fixed the bug that can not read and write LCD rotate state in POLI correctly.
- 6) Fixed the bug that application cannot read and write MP400 LCD rotate state correctly.
- 7) Changed the display layout of measurement gas, calibration gas and measurement unit.
- 8) Disable the sensor status switch for MP420 because it is a read-only setting.

### **2. Software Features**

This app supports both device configurations and wireless real-time monitoring:

- 1) NEO (MP18x) serials w/ BLE module
  - a. Get and set NEO configurations.
  - b. Get and set user gases.
  - c. Get real-time reading (and uploading to mPower Safety if licensed and registered).
  - d. Enable / disable diagnostic.
  - e. Clear datalog.
  - f. Download NEO datalog and email the text log file to the preconfigured receivers (5, maximum).

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- 2) VOXI (MP81x) serials
  - a. Get and set VOXI configurations.
  - b. Get and set user gases.
  - c. Set detection mode.
  - d. Get real-time reading (and uploading to mPower Safety if licensed and registered).
  - e. Perform Span and/or Zero calibration operations.
  - f. Configure 4-20mA analog output baseline.
  - g. Configure pump-stall threshold.
  - h. Perform wireless registration to mPower sub-1GHz wireless gateway (mLink).
- 3) POLI (MP400) serials w/ BLE module
  - a. Get and set POLI configurations.
  - b. Get and set user gases.
  - c. Get real-time reading (and uploading to mPower Safety if licensed and registered).
  - d. Enable / disable diagnostic.
  - e. Clear datalog.
  - f. Download POLI datalog and email the text log file to the preconfigured receivers (5, maximum).
- 4) MUNI(MP420) serials w/ BLE module (and mPower protocol pre-configured at Factory)
  - a. Get and set MUNI configurations.
  - b. Get and set user gases.
  - c. Get real-time reading (and uploading to mPower Safety if licensed and registered).
  - d. Enable / disable diagnostic.
- 5) mPlatoon
  - a. Support mPower wireless gateway (mLink).
  - b. Real-time monitoring: mLink status and remote devices status; display all information in one app screen.
  - c. Alarms: audio alarm and/or vibrator alarm.
  - d. Alarm notifications: SMS (maximum 6 receivers) and/or email (maximum 5 receivers) notifications.

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- 6) mCloud
  - a. Support mPower Safety cloud platform (mpower-safety.com).
  - b. Support mPower Safety International cloud platform (mpower-safety.us).
  - c. Can set local update interval and cloud upload interval.
- 7) Support Service
  - a. Join CEIP (Customer Experience Improvement Program) and then enable remote support.
- 8) Related Functions
  - a. View device wireless monitoring datalog and send the text log by email.
  - b. View device wireless monitoring event log.
  - c. View app operation log.
  - d. Configure App (name, phone numbers, email addresses, etc.).

### **3. Software Requirements**

#### **3.1. Software Requirements**

This app needs Android 6.0 or above.

For Android 11, it is required to enable location with option “Allow all the time” (as indicated on the app).

For Android 11 and above, all user data are in app scoped storage and will be removed after uninstalling. Before uninstalling the app, it is highly recommended to backup the data from app scoped storage folder

sdcard\Android\data\com.mpower.suite\cache\mPower Electronics\Suite\

This version (v1.4.3 or above) is required to connect to mPower Safety cloud platform and [mPower Safety International cloud platform \(v1.5.4 or above\)](#).

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#### **3.2. Hardware Requirements**

Android mobile devices.

For using the app in explosive and/or other hazard environments, use the appropriately certified mobile device and get approval prior using such device in the field.



## **mPower Suite Android App** **V1.5.4**

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It requires MUNI (v2.0.0 or later) to support MUNI BLE (with mPower protocol pre-configured at Factory).

It requires VOXI (v0.1.3.3 or later) to set detection mode.

To use latest version of devices (POLI, MUNI, NEO, VOXI, mLink) is always a good practice for best performance.

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