**Usage**

**Note:** Refer to IoT SOP for more specific configuration.

<https://vflowtechcom.sharepoint.com/:w:/r/sites/bms-ems-iot/_layouts/15/Doc.aspx?sourcedoc=%7BA0852E90-5DB6-4EDC-99E7-B450062D7958%7D&file=SOP_IoT.docx&action=default&mobileredirect=true>

Requirements

1. Python (if you do not have)

<https://www.python.org/downloads/>

1. Install packages with CLI at root folder

pip install -r requirements.txt

or

pip3 install -r requirements.txt

Choosing Platform

The script is compatible with both MADs and VFT.

By default, status queried is for VFT platform. To query from MADs:

1. Launch unit\_status.py in any preferred editor.
2. Scroll to the bottom and look for this section

Text

Description automatically generated with medium confidence

1. Add the following Booleanflag

Text

Description automatically generated

Definition of Unit Statuses

Diagram

Description automatically generated

Procedure

1. Open CLI of choice
2. At the root folder, do

python unit\_status.py

or

python3 unit\_status.py

* 1. Alternatively, run unit\_status.py on Python’s IDLE

1. If successful, unit\_status.docx will be generated accordingly:

Table

Description automatically generated

Table

Description automatically generated

Adding More Units

1. Open the configuration file (excel sheet) for the desired platform.
2. Ensure the new units have been registered on Dataplicity and synced with the platform.
3. Fill in the new unit’s details in **units\_sheet** of the configuration file

**WARNING**:

Unit’s name on Dataplicity should **correspond** with unit’s name on the platform!

Adding Email Recipients

1. Open the configuration file (excel sheet) for the desired platform.
2. In “Recipients” cell under **email\_sheet**, add valid email addresses of new recipients

Customization of Data

1. Open the configuration file (excel sheet) for the desired platform.
2. Make the necessary changes for the correct cell
   1. **WITHIN\_HOURS** and **WITHIN\_DAYS** can be configured here

Further Configuration

Refer to IoT SOP for any of the following:

1. Adding units on Dataplicity and VFT platform
2. Configuring email fields
   1. Changing sender email address and generating new API key
   2. Changing email server
   3. Device compatibility with email API key