

## EDGE COMPUTER – INSTALLATION DOCUMENT

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## 2 Revision History

Version No	Date	Author	Change Log
1.0	28/10/2023	Meimurugan Krishna	

### 3. Dependency

1. Windows/Linux
2. Windows Version: 7+
3. UBUNTU
4. Python Version: 3+
5. GitHubLink to download the repo: download the Merit edge software repo from github to the local system.
  - a. git clone <Merit-Edge-Software GitHub repository link>
6. After downloading the merit edge software from github, install the required libraries by using these commands.
7. open command prompt and go to the downloaded repo folder in your system and run:
  - a. **pip freeze**
  - b. **pip install -r requirements.txt**

### 4. Operation Process:

#### Windows Automation Process:

1. Create Shortcut: go to the python script folder which is in the downloaded git repo and Right-click on your Python script **TLCWithMqtt.py** and select "Create shortcut".
2. Move the shortcut to the startup folder:
  - a. Press `Win + R`, type `shell:startup`, and press `Enter`.
  - b. Move the shortcut you created into the Startup folder.

This will enable the python script to run automatically when you login to windows.

#### Linux Automation Process:

1. Open the TLCWithMqtt-daemon.service file and locate the line
  - a. `# ExecStart=/usr/bin/python3 <File Location>`
  - b. uncomment and replace file location tag <File Location> by python script location example: `ExecStart=/usr/bin/python3 D:\TLC\TLCWithMqtt.py`
  - c. And save the file.
2. To enable the Deamon Service on command prompt enter
  - a. `sudo systemctl enable TLCWithMqtt-daemon.service`
3. To start the Deamon Service on command prompt enter
  - a. `sudo systemctl start TLCWithMqtt-daemon.service`
4. To check the file status on command prompt enter
  - a. `sudo systemctl status TLCWithMqtt-daemon.service`

when checking the service status, it should show the service is active running

## 5.References: