

# All in One IOT Remote Management

Transforming Data into  
Measurable Business Growth

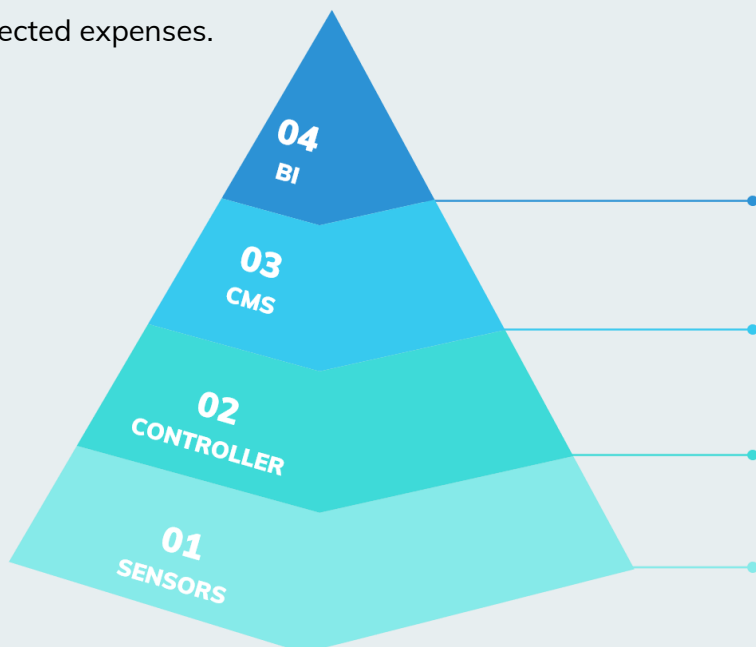
## Street Cabinet Control and Monitoring Solution:

Street Cabinet is a must-have group central monitor and control solution to safeguard the investment, availability, and feasibility of your street cabinet either it is telecom cabinet or power cabinet, lack of feasibility, huge number of units spreading around required a big operation fleet for monitoring, control, and maintenance these critical elements.

AIO's Street cabinet solution consists of central management system CMS, integrated with AIO's smart controller, and sensors provides powerful, and advanced solution solving all challenges of street cabinet management and operation process, decrease dramatically damage risks, operation and maintenance costs, and network downtime.

The system monitor and control the street cabinet 24/7 with real-time notifications, alerts, and reports of all monitored elements of the cabinet. Controlling the access to the cabinet, and visual day/night inspection, temperature, fans/Air condition, backup battery system, power consumption and availability.

In addition, AIO Systems provides powerful management toll for, maintenance processes, tickets, technicians tasks assignments, and finance reports with historical performances, actual status, and expected expenses.



### BI

BI Services has advanced data presentations that include robust data analysis with pre-emptive action tools and customized auto-reporting systems to all levels

### CENTRAL MANAGEMENT SYSTEM

AIO Systems' CMS is a cloud-based central management platform that covers all aspects of remote and monitoring management.

### IOT AGNOSTIC CONTROLLER

5G Ready, IOT based, filtering out nuisance alarms, monitoring performance patterns, detecting anomalies, and predicting critical failures before they occur.

### SENSORS

Security, Environment, Power, Energy, Asset and FiberSense monitoring.

\*Disclaimer: \* Specifications subject to change without prior notice \* Voltage supply can only be within specified range. Peaks above 72V require additional surge protection which isn't included

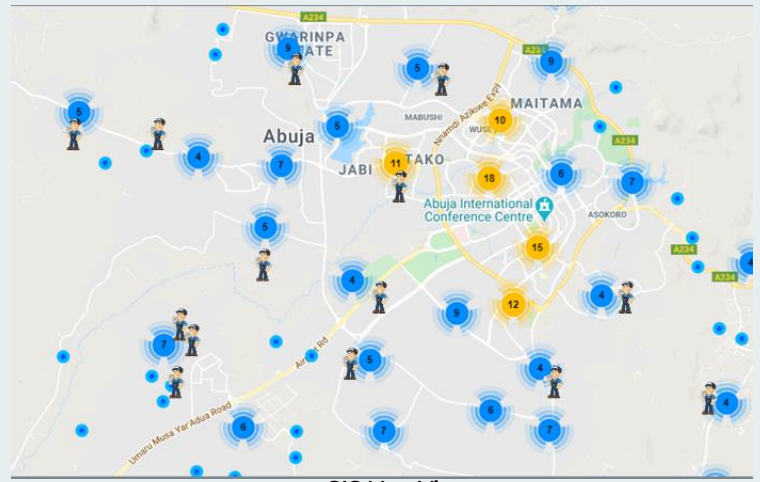
## AIO Proposed Solution

AIO solution will be based on the new AIOT controller for street cabinets .

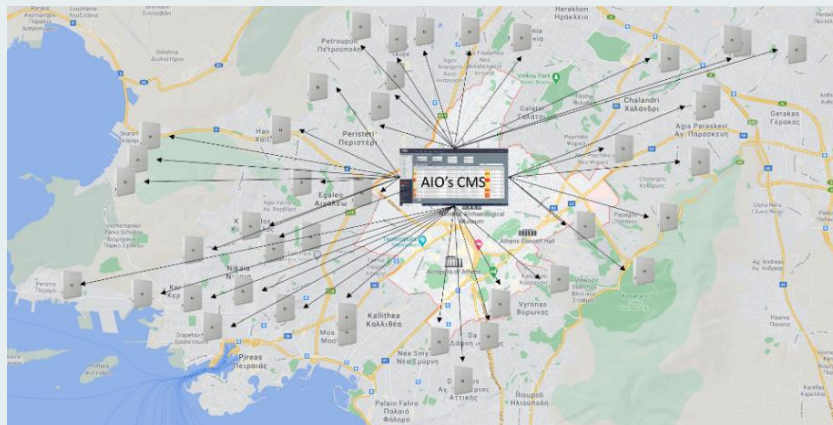
This controller is Linux based and support agnostic monitoring for the above requirements.

This cabinet controller will be connected to the street cabinet ½ 1U unit powered from 48 V DC.

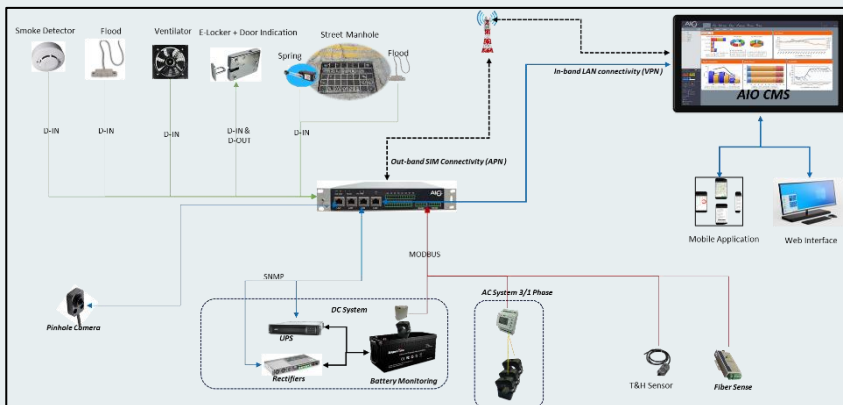
AIO will integrate the controller with the cabinet system power, BMS and the generator controller over Modbus or SNMP. The installation will be done using AIO wireless technician WEB based GUI and will automatically add a GPS location information to the controller.



GIS Map View



Central Management System - CMS



Onsite Street Cabinet RMS System

## Main advantages:

- Unified AIOT advanced Street Cabinet Controller
- Dual communication in-band, out-band
  - Integrated LAN ports x 4 (3x LAN 1xWAN)
  - SIM cards 2G-4G (5G ready)
- 2x Modbus integrated interfaces
- Unified Centralized Management System – AIO CMS, GIS View
- Integrated Advanced Power Monitoring system for power cabinet
- Autonomous Saver logic
- Advance Cabinet Security
- Integrated security Camera
- Door open indicator
- Environmental Cabinet Information
  - Fan & A/C monitoring and control according to actual temperature
  - Flood, and smoke detection
- Cabinet as Asset feature – manage cabinet free space and installed equipment
- Interactive Mobile Application
  - Technician track location
  - Technicians ticket assignment and tracking
  - Realtime critical alerts
  - Interactive authentication with system access control
- GIS map view of the cabinets and technicians
- Optional last mile dark fiber monitoring

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## AIO's Added Values

- Supports autonomous saver logic for power cabinet
- Integrated security camera and alerts
- Fast integrations
- Remote monitoring and control
- Integrated assets information
- Unified mobile application
- Redundant communication
- Data validation

For additional information please contact  
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