

# PowerTags IOT Software

## Location Tracking And Sensors Management

The document describes the PowerTags Command and Control software



### QUICK & EASY SETUP

Easily install sensors and gateway and be up and running in minute!



### ACTIONABLE ALERTS

Receive timely alerts via phone, email, and sms text



### LOW POWER-LONG LIFE SENSORS

Sensors with low power consumption providing up to 6-year battery life



### ANALYTICS & REPORTING

View temperature and notifications logs, plus run and schedule reports



### MAPS

Upload facility maps and visualize Real Time data location and readings

# PowerTags Command and Control Software

The PowerTags Command & Control (C&C) software web interface is used for managing and controlling the data and sensors, controllers and readers. Whether you manage ten sensors or ten thousand, the PowerTags software managing, installation and obtaining a birds-eye view of remote monitoring systems easy and intuitive.

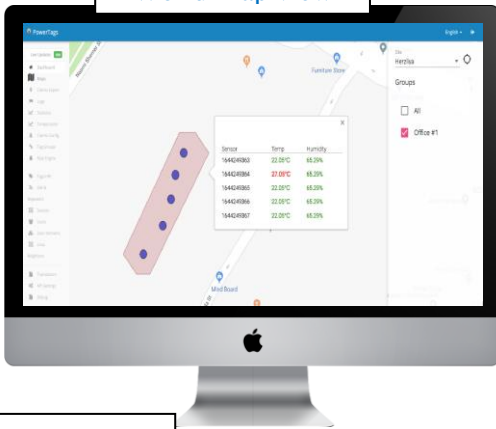
Furthermore, the system contains an autonomous rule engine that can automatically perform operations based on user's profile

The PowerTags main features are:

## Visualization

- World-map - Active/Passive RFID Real Time Location Tracking that pinpoint devices based GNSS Location
- Active/Passive RFID Real Time Location Tracking that pinpoint devices on a multi facilities/floors floormap file loaded to our server with
- Real-time data from the field, per element status and sensors data

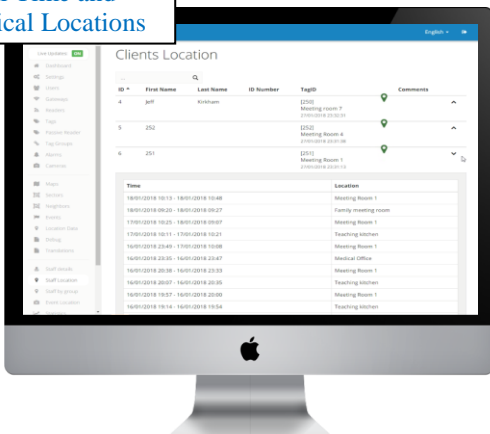
World Map view



Floor Map views



Real Time and Historical Locations



Mobile IOS & Android Location & Sensor data



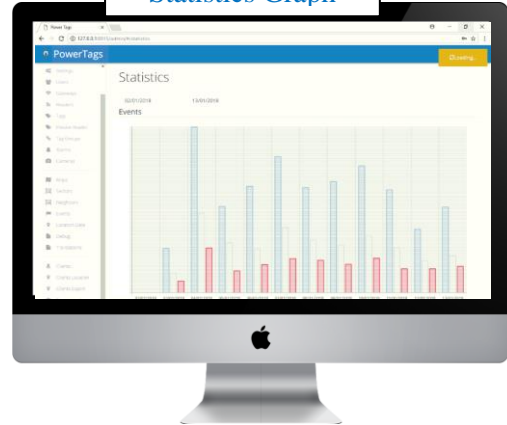
## Reports

- Powerful configurable reports & Statistics generation tools
- Filtered by site/user permission and user profiles

Sensor data Graph



Statistics Graph



## Dashboard

- Location data per sector
- Readers/Elements status
- Sensor raw data



## Device Management

- Configure devices – activate external device via relay or command
- Real time status of device – activity/ battery status

Readers Status

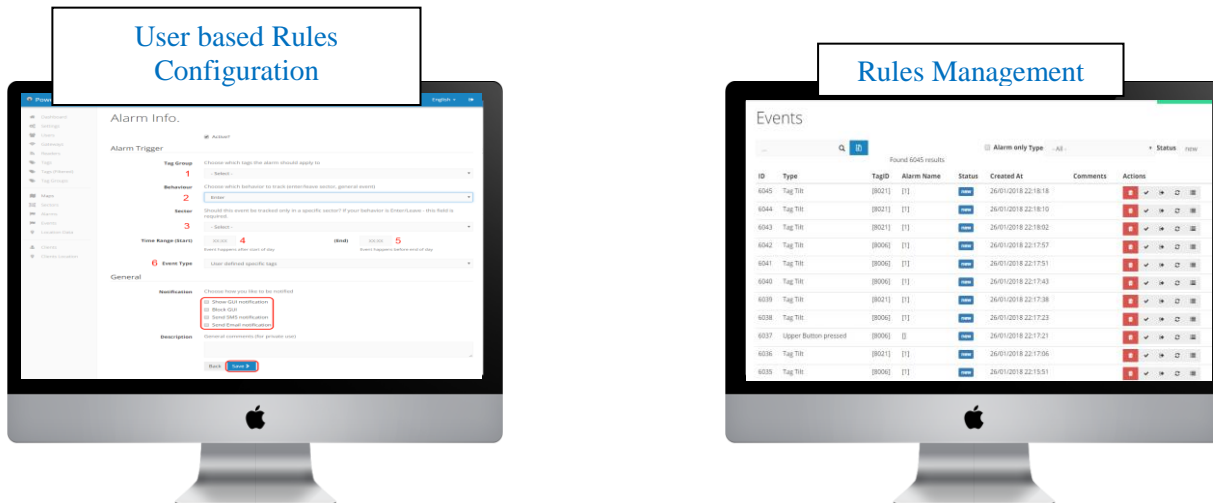
A screenshot of a web application displaying a table titled 'Readers Status'. The table has columns for ID, Label, Gateway, Manufacturer, Model, Price, and Date. It lists several devices with their respective details. The table is presented on a computer monitor.

Elements Status

A screenshot of a web application displaying a table titled 'Elements Status'. The table has columns for ID, Label, Status, Last Factor, and Created At. It lists several tags with their respective details. The table is presented on a computer monitor.

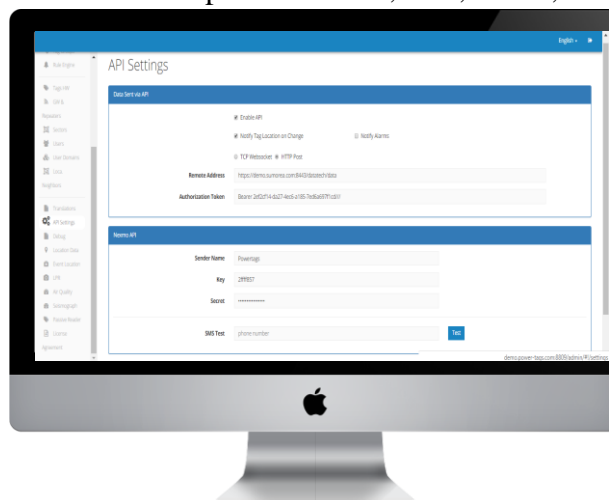
## Rule Engine

- Configure devices – activate external device via relay or command
- Real time status of device – activity/ battery status
- Geo Fencing capabilities
- Sensor Rule definition – IF THIS THEN THAT
- Alarms triggering – SMS, EMAIL, Push, Call, Audio, activate controller



## APIs and External System

- RESTful, Web Socket, HTTP based API's to any software
- Common protocols such as ModbusIP, SNMP, DECT phones etc'
- Alarms, notifications and reports via SMS, Call, Email, audible or visual



## User Permission and Site Management

- Three user level permissions
  - Administrator – View, Edit and Create users
  - Normal – View and Edit properties
  - Viewer – View privileges only
- Domains – The ability to control which elements are accessible to Normal or Viewer users. Useful for Multi-facility enterprise or several group with restricted authorization

