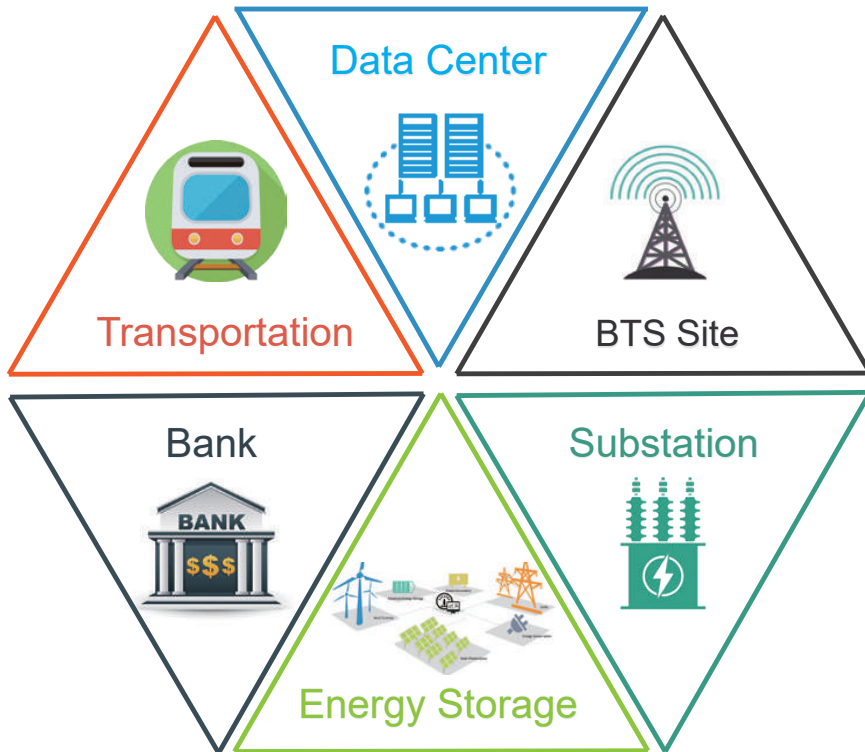


# Battery Monitoring System

Online Monitoring | Online Balancing | Real-time Alarming

**Dratronix (Pty) Ltd.**

# APPLICATION



## Application



# Our Feature



## On-line Monitoring

24/7 on-line monitoring battery Voltage, Charge and Discharge Current, Impedance and Internal Temperature, SOC, SOH etc. Accurate data report and real-time alarm, allowing to respond quickly to potential battery accidents. Reduce cost on human maintenance.



## Data Inquiry

Provides historical data storage, data access and data management for large number of batteries and multiple sites project, support to export .CSV format data reports.



## On-line Balancing

Real-time on-line balancing for battery. The system will analyse the uploaded data and auto-judge. When the battery voltage is unbalancing, system will send command to balance the battery string voltage.



## SOC

Support to calculate individual battery SOC and battery string SOC. The SOC is mainly calculated based on the characteristic parameters of the battery.



## On-line Alarming

Customer can set the alarm threshold for different project. When the battery real-time data is abnormal, the system will send out real-time alarm to maintenance through SMS or Email. What's more, we also provide mobile APP for customer to better maintain the battery at site.



## Breathing LED

With unique LED breathing light design of the hardware, the system indicates battery health by different color. When the battery is running normal, the LED light will keep on green. When the battery is in abnormal status, the LED light turn to red.



## Data Analysis

Built-in storage function. Automatically store the real-time data of batteries. Helping users to know the battery status and health condition at any time.



## Auto-Searching S/N

Support auto-searching for battery sensor's ID address. It can read the individual battery address at one time. Customer don't need to set one-by-one manually, which helps to save a lot of time for site engineering and labor costs.