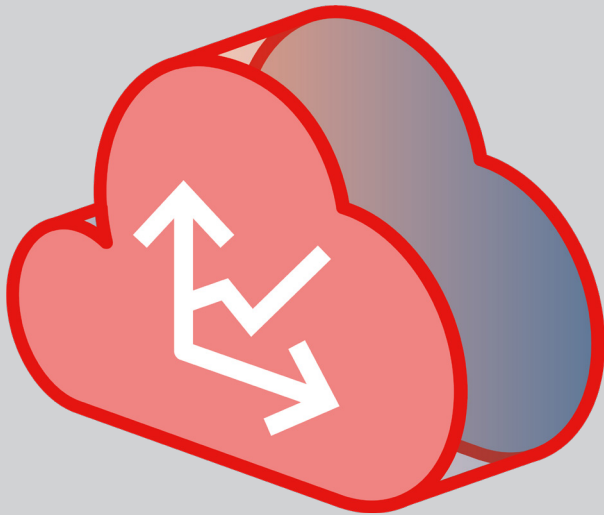


BACS®

FIAMM

**Battery Monitoring
System**

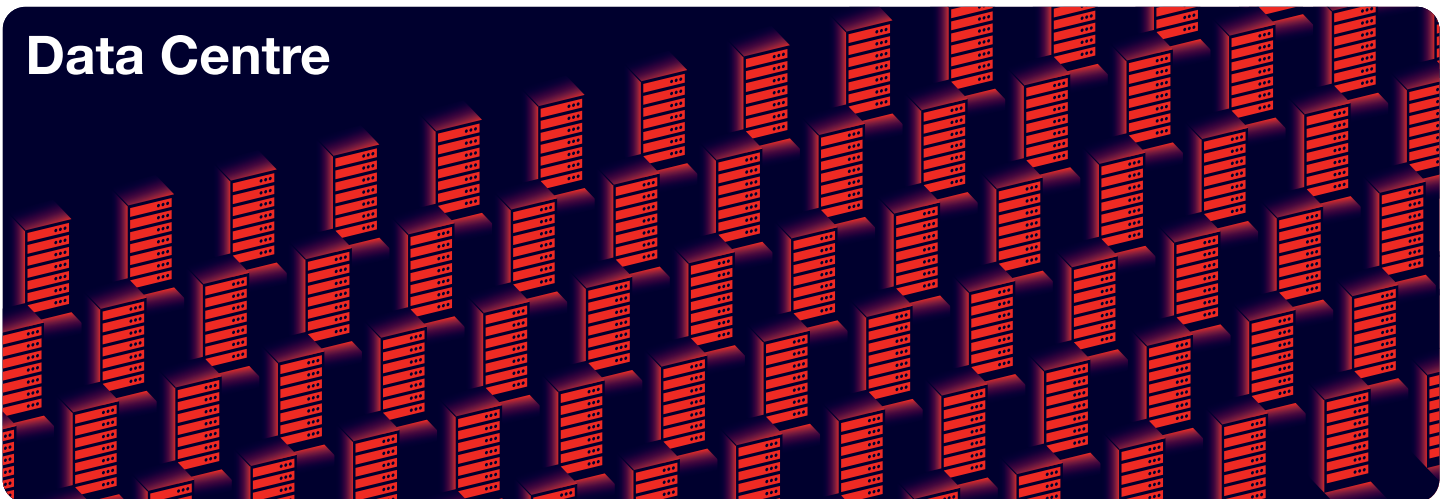
**Prevention of battery
failures**



**Constant monitoring
of battery
performances**

**Blancing
and
Equalizing
feature**

Data Centre



BACS®

A special Battery Monitoring System that measures multiple battery block parameters, remote control and predictive maintenance.

BACS® (Battery Analysis and Care System) is the most advanced and trusted battery monitoring system available on the market. FIAMM Developed this solution cooperating with a European Leader in the development of Hardware components for battery monitoring.

Through the use of its unique voltage balancing process - called Equalization or Balancing - BACS® harmonizes the charging voltage of all batteries in the string with the charger's target value, thus maintaining an optimal voltage operating range.

BACS® provides information concerning State of health and capacity of every single battery.

BACS® data analysis is available in two different configurations:

- Real time data access and remote control
- Periodic data analysis.

BACS application results in:

- Battery life increased
- Prevention of battery failures
- Increased UPS availability

TANGIBLE ADVANTAGES FOR CUSTOMER:

- Considerable Reduced TCO in years
- Constant monitoring of battery performances
- Reduced downtime risks

FIAMM BMS system is suitable for the following ranges



FLB



FIT



FHB



FHT²



SLA