



CellCheck Industrial

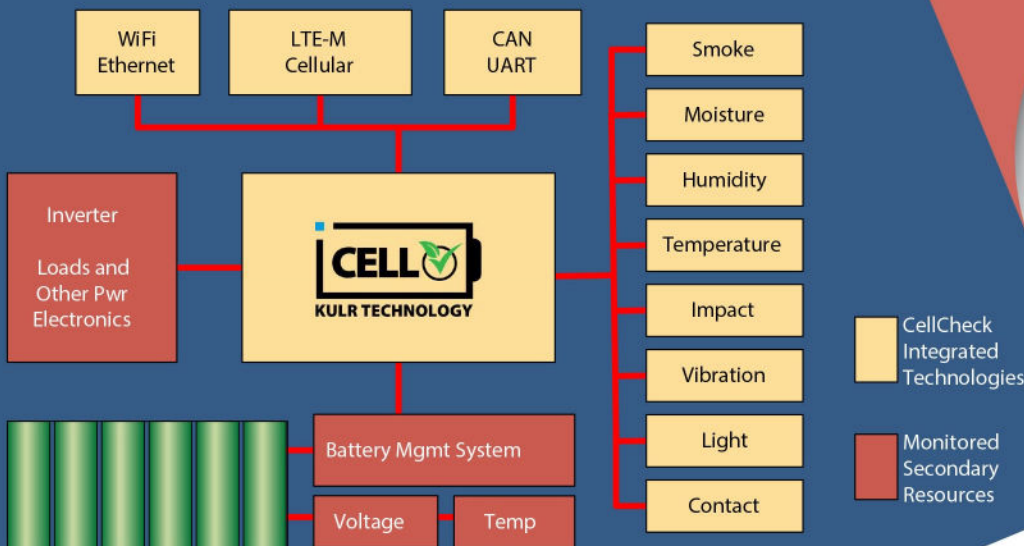
KULR's next gen battery safety platform with cellular communications capability for industrial, energy storage and fleet applications

Take Your Power Intelligence to the Next Level

Safety for battery powered systems is our highest concern. Whether we are protecting space missions, physical assets, people, companies or communities... we take our job very seriously. In the end, are protecting your peace of mind and your productivity.

CellCheck Industrial can bring advanced monitoring and awareness to your infrastructure. It does this by tracking the lifecycle of your field deployable batteries, adding to that the ability to integrate with and monitor or remotely access other equipment or electronics that comprise your battery powered systems or installations.

Sensors capture real time and lifetime battery intelligence, sensing adverse electrical, environmental, and physical events to analyze and control for maximum battery safety, reliability, and performance. Data is communicated to the cloud to monitor and predict system health, longevity and performance.



The diagram above shows an example integration of CellCheck with a 3rd party inverter and a 3rd party BMS subsystem.





CellCheck sensors capture and track a battery's full life history, adverse incidents, including electrical, physical and environmental events that may negatively impact a battery, causing risk to the user, to the community or to your company.

CellCheck Equipment Monitoring and Battery Safety in The Cloud

You need to know if your remote power assets are available, healthy, and how they are performing under real world conditions.

The CellCheck Cloud portal gives you instant dashboard access to a high level view of the readiness of all of your monitored assets. You can drill down to view recent or historical alerts, or observe the real time output for all sensors associated with an individual asset.

Threats can be interpreted by observing sensor history for anomalies such as smoke, moisture, physical impact, unauthorized access attempts or stress from excess heat/cold. From this system you can set priorities, set filters, initiate remote diagnostics, provision new hardware, plus manage users and security settings.

Dashboard Devices

IMEI	Device Type	Reporting	SOH	SOC	Action
352656101079609	TrafSig UPS	●	● Normal	95%	Details
351358811475034	RR Xing UPS	●	● Normal	93%	Details
352656101074246	ConstSite UPS	●	● Needs Attention	94%	Details
A3F122D766210F46	Utility UPS	●	● Normal	95%	Details

Message Panel

Severity	Message	Date/Time	Action
▲ Low	High Temp Warning, over 100F	4/16/2022 2:56pm	Details
▲ Critical	Motion/Impact Detected, over 2G	4/14/2022 8:15am	Details
▲ Medium	Moisture/Humidity Detected	4/13/2022 7:02am	Details
▲ Critical	Low Temp Warning, below 32F	4/12/2022 4:12am	Details

State of Health

89%

- Healthy
- Need Attention
- Critical

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