



# Comprehensive Large Scale Battery Monitoring for Cell Sites

## White Paper

It has long been a challenge for the Telecom industry to properly manage and service batteries in a large number of cell sites. As a high percentage of in-service batteries reach the end of their usable life, service providers risk the loss of substantial revenue due to service disruptions during a commercial power outage. Still, the decision to monitor or not remains difficult. How will the batteries be monitored? Is there an effective solution commercially available? What will be the total cost of ownership (TCO)? How much will effective monitoring save in maintenance costs?

This document has been prepared in order to explain important aspects of battery monitoring for cell sites. Kokii's 3<sup>rd</sup> generation monitoring products and latest version of MyBattery Platform™ offer a comprehensive large scale solution. This document utilizes unpublicized resources such as Kokii's field applications, laboratory, and customer communication, as well as data available from journals, websites, or other public resources.

This document was not prepared in order to make any representations with regard to the suitability or performance of the products of our competitors. We design and produce our products based on the knowledge that we have acquired during our 20+ years of battery testing, monitoring business, and R&D.

Safety precautions and rules which are not addressed in this document must be followed at all times when working with batteries.

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