Voltaiq and ALGOLiON Partner to Provide Revolutionary Battery Diagnostic Software to Increase Battery Quality, Get Products to Market Quickly and Safely

Top Global Brands Leveraging Our Solutions

Mercedes-Benz

amazon

Google

Microsoft

HYUNDAI

Swiss Re

Leviticus Cardio

HYUNDAI GLOVIS

Voltaiq's Enterprise Battery Intelligence™ (EBI) platform empowers battery engineering and science teams with ready-to-use, pre-built baseline and advanced analytics to accelerate discovery and maximize quality across the entire product lifecycle. Now through Voltaiq's extensible platform, users are able to gain access to the most innovative, cutting-edge battery intelligence tools, such as Algolion's Algoshield™ battery safety algorithm which is available as a third-party plug-in module in Voltaiq.

With AlgoShield's cutting-edge safety algorithm, organizations receive early warning signals of catastrophic lithium-ion battery failure several days ahead of time, instead of the seconds or minutes that are typical. Collectively, organizations are positioned to launch products quickly and ensure their safety over the long term, providing a distinct competitive advantage.

The Voltaiq platform with the ALGOLiON add-on enables organizations to:

- Leverage revolutionary battery early-warning fault detection to fend off thermal runaway, as well as swelling and venting

- Mitigate the chance of recalls, large liability losses, and brand reputation damage

- Speed up time to market and reduce risk

- Gain valuable feedback from R&D to product development and manufacturing

- Reduce iteration cycles to days instead of weeks or months

- Ensure high-quality battery supply in all product launches

Understanding the ROI

Voltaiq makes common battery engineering workflows up to 20,000x faster. AlgoShield provides the only software-based early warning battery hazard detection. In combination, our two companies enables manufacturers to enhance performance and safety even as they add more powerful features and faster charging capabilities.

Serving every battery-enabled industry: Electric Vehicles, Battery Manufacturers, Consumer Electronics, Medical Devices, Energy Storage

Enterprise Battery Intelligence & Early Warning Detection Are Key to Your Company's Future

Features and Benefits:

Predictive – early warning detection of fault precursors one week prior to catastrophic failure

Battery Monitoring – determine battery degradation rates and performance

Simplify Management – pure software approach in a centralized platform

Reliability – calculates 5 key parameters for triggering preventive measures

Speed Up Development – accelerate all aspects of product development

Reporting – identify test issues as they occur using real-time rules-based analytics

The Voltaiq Impact

- 50% reduction in battery development testing time

- 20,000x acceleration of key battery analysis tasks

- 90% automation of battery data management workflows

The ALGOLiON Impact

- Only solution that alerts users a week before a fire

- Identify precursors of faults instead of the mature hazard

- Eliminate hardware costs, bulk, and weight through pure software

"**Having a centralized hub for data is critical as battery projects become more complicated. Voltaiq helps us better visualize our battery data and enables us to build safer and more dependable devices**

-Denys Zhuo, Senior Battery Systems Engineer at Lab126

ALGOLiON®

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About ALGOLiON

At ALGOLiON we believe that preventing battery hazards is much better than dealing with the damage after a safety event occurs. That is why we developed AlgoShield early warning battery hazard detection and prevention software. And judging by the positive responses we received from the EV, consumer electronics, and other markets, companies agree with us. We are a dedicated, well knit team of software, battery, data analysis, and quality assurance specialists with deep industrial experience. Established in 2014, the company was founded by veteran battery experts, Niles and Alex, with previous startup successes and knowledge in algorithms and battery degradation processes. We do our work so that you can get the most out of your batteries and the products they power, safely.

About Voltaiq

Voltaiq is the industry leader in advanced battery analytics solutions for the grid storage, electric vehicle, and consumer electronics market segments. Fortune 100 companies, major universities and leading-edge battery companies trust Voltaiq to provide a comprehensive and transparent view of all their battery data across the product lifecycle. The company's real-time analytics platform provides actionable insights that measurably reduce product development time, create more robust products and mitigate product risk. For more information, please visit www.voltaiq.com.