

What is Elysia battery intelligence?

It brings a new generation of battery intelligence to a wide range of industries, from the automotive and e-mobility sectors, to stationary energy storage and beyond. Elysia's unique capabilities offer unprecedented insight and foresight, unleashing untapped performance, life and safety to every electric vehicle, and every battery on the planet.

Why do batteries need Elysia?

The world needs batteries to decarbonise, and batteries need Elysia to unlock their potential. Born from over a decade of real-world experience developing battery systems for high-performance applications, Elysia brings this technology to the masses, enabling any battery on the planet to last longer, perform better, and operate more safely.

Will Elysia's embedded battery management software improve battery life?

All sounds pretty good then, especially since battery life is one of the bigger consumer concerns for those considering the switch to electric. We're also told that cars using Elysia's embedded battery management software could see a 30 per cent increase in battery life and 10 per cent increase in battery range.

What does Elysia do?

Elysia is part of Fortescue WAE, a world-leading technology and engineering services business committed to accelerating an efficient, electric and decarbonised future for its global customer base. World leading battery intelligence software, developed across over a decade of high-performance battery experience.

What is Elysia battery monitoring?

This includes both the algorithms operating locally on the battery and remote monitoring in the cloud, which is what Elysia supplies to customers. The aim is to prioritize safety but also make the most efficient use of batteries, including longevity.

Will JLR use Elysia battery intelligence on EVs?

JLR will be applying Elysia battery intelligence to forthcoming EVs like the Range Rover Electric. Elysia might not be a name you're familiar with. However, it used to be Williams Advanced Engineering and changed its name after being purchased by giant mining company Fortescue.

JLR has signed a multi-year deal to use Fortescue's Elysia battery intelligence software in its next-generation EVs (electric vehicles) starting with the new Land Rover Range Rover Electric launching later this year. The software will monitor and help enhance the EVs with improved battery longevity, safety, and performance for a better ownership experience via ...

Elysia's cutting-edge battery intelligence software, shaped by over a decade of motorsport expertise, enhances

battery longevity, performance and safety. Our unique software and cloud tools provide OEMs, operators and financiers the insights to manage, optimise and enhance battery performance throughout its entire life cycle. ...

Elysia Embedded is a suite of state-of-the-art battery management algorithms, which run locally on the Battery Management System (BMS) - for example directly on an EV's battery or on a stationary energy storage system. Its best-in-class BMS algorithms help OEMs to increase vehicle range, enable faster charging, and maximise battery power ...

Elysia brings game-changing battery insight, management, and optimization of batteries to the mass market for the first time, from the automotive, commercial vehicle and e-mobility sectors to stationary energy storage and ...

Thursday April 20 th, 2023: WAE Technologies (WAE), the world-leading technology and engineering services business, today launches Elysia, its Battery Intelligence software offering designed to unlock significant improvements in the life, safety, usable energy, power, and rapid charging times of any battery system.. Elysia brings game-changing battery ...

EVs with Elysia charge 30% faster and gain 10% more battery range. Elysia also provides software to analyze battery data for fleet managers, investors, and OEMs. WAE Technologies launched a new battery-management system to speed EV charging and storage. Elysia will allow the e-mobility sector to extend EV battery life through its cloud-based ...

"This collaboration showcases the very best of cutting-edge innovation and engineering. Through Fortescue's breakthrough battery intelligence software, JLR will benefit from a new level of access to battery data and a revolutionary way to monitor its products in the real world, ensuring that every product lives up to the brand's exceptionally high standards.

Passionate about sustainable energy and electrification across automotive and energy... &#183; Experience: Elysia - Battery Intelligence from Fortescue &#183; Education: Loughborough University &#183; Location: Royal Leamington Spa &#183; 500+ connections on LinkedIn. View Ieuan Lewis" profile on LinkedIn, a professional community of 1 billion members.

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WAE Technologies (WAE) has launched Elysia, its battery intelligence software offering designed to unlock significant improvements in the life, safety, usable energy, power, and rapid charging times of any battery system. Elysia draws on WAE's experience in high-performance batteries, gleaned from the sole supply of batteries to electric motorsport series, ...

Battery Intelligence from Fortescue WAE: we partner with companies, enabling them to harness the maximum potential of their batteries. Born from motorsport, Elysia is a team of experienced battery experts, whose understanding comes from deploying batteries in the real world.

Elysia offers a step change in performance for high-utilisation battery systems. Unlike traditional approaches to balancing, Elysia balances cells during operation and by SoE (state-of-energy), removing the need for battery downtime and ...

Elysia's battery intelligence technologies comes from WAE's experience in high-performance batteries from supplying the electric motorsport series, and the development of batteries for electric hyper-cars and mining trucks. Joe Jones, Commercial Lead at Elysia, said: "With increased utilisation of an electric shared vehicle, it becomes ...

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Elysia is the world-leading battery intelligence offering from WAE Technologies (formerly Williams Advanced Engineering). Drawing on over a decade of high-performance battery expertise from WAE, who have designed and manufactured the world's most advanced batteries - from global electric motorsport programmes to electric mining trucks - Elysia provides OEMs, battery ...

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