



MEDIA ALERT

Dukosi to Demonstrate Solution for Modular Battery Designs and a Battery Passport Ready PoC Demonstrator based on its Award-Winning Cell Monitoring Technologies at Embedded World 2026

EDINBURGH, United Kingdom, 12 February 2026 -- Dukosi, the technology company revolutionizing the performance, safety and sustainability of battery systems, is thrilled to announce its presence at Embedded World 2026. Continuing its partnership with Arrow Electronics, Dukosi will be showcasing the award-winning Dukosi Cell Monitoring System (DKCMS™) from the 10th to the 12th of March on the Arrow Electronics Booth #4A-342.

Module-level Battery Communications Solution

Embedded World attendees will get an exclusive first look at Dukosi's latest technology demonstrator showcasing its module-level communication solution with near field wireless connectivity for secure more reliable battery systems. This novel cell monitoring solution is designed to easily upgrade traditional wired and wireless systems using modular battery architectures based on multi-channel AFEs to take advantage of Dukosi technologies that improve the performance, reliability, safety, scalability, and flexibility of high power batteries.

Dukosi Collaborates with STMicroelectronics on DKCMS-based Battery Passport Ready Demonstrator

Developed in collaboration with STMicroelectronics, a global semiconductor leader serving customers across the spectrum of electronics applications, Dukosi will be showcasing a Battery Passport ready proof-of-concept (PoC) representing an end-to-end cell-to-cloud battery data management solution using DKCMS and STSAFE-A, a turnkey security solution for battery pack authentication, data encryption and secure connection. Designed to deliver next level cell data security and battery safety and maintainability, OEMs and Tier 1s can leverage this reference design to accelerate development of safer, smarter and more secure and reliable batteries that are EU Battery Regulation ready and promote sustainable electrification.

The PoC represents a comprehensive solution that incorporates 16 cells, which is standard for battery module configurations appropriate for xEV, industrial equipment and battery energy storage applications. The design utilizes the Dukosi chip-on-cell technology with C-SynQ® proprietary communications with ST's BMS solution and

hardware encryption technology, and demonstrates the potential of authenticated lifetime cell-to-cloud data and tamper-proof Battery Passport ID in building supply chain trust, improving repairability, and extending battery lifecycle through safer reuse and recycling.

Demonstrating the Incredible Adaptability of DKCMS in Wide-ranging Applications

Dukosi will be demonstrating the flexibility and adaptability of DKCMS, featuring its chip-on-cell technology and highly robust C-SynQ® communication protocol. Live demonstrations will include a 54-channel BESS container demo and a 16-channel automotive demo modeled after a vehicle chassis, highlighting DKCMS' adaptability for battery energy storage system (BESS) and diverse electric vehicle (xEV) applications.

"We're delighted to be back at Embedded World this year and demonstrating how our technology can make batteries more intelligent, efficient and sustainable," said Joseph Notaro, Chief Revenue Officer at Dukosi. "Our cell monitoring solutions are helping engineers unlock more usable energy per cell, extend range, improve reliability and extend life cycle, Dukosi's on-cell storage of provenance and usage history enables compliance with regulations like the EU Battery Regulation coming into force in February 2027, and similar regulations adopted in U.S.A., China and other regions. We're not just improving battery systems; we're helping our customers and partners really get the most out of their battery performance, longevity, and be Battery Passport ready."

Join Dukosi on the Arrow Electronics stand in Hall 4A, booth #4A-342, to discover how Dukosi's cell monitoring solutions can assist battery designers and manufacturers in achieving their performance, safety, reliability and sustainability objectives.

About Dukosi

Dukosi develops revolutionary technologies that dramatically improve the performance, safety, and efficiency of battery systems, and enable a more sustainable battery value chain. The company provides a unique cell monitoring solution based on chip-on-cell technology and C-SynQ® communications protocol for electric vehicles (EV), industrial transportation and stationary energy storage markets. Headquartered in Edinburgh, UK, Dukosi has a global footprint with locations in the USA, Asia and Europe.

For more information, please visit www.dukosi.com

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