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# HBK boosts electric drive validation with MoBeLIV partnership

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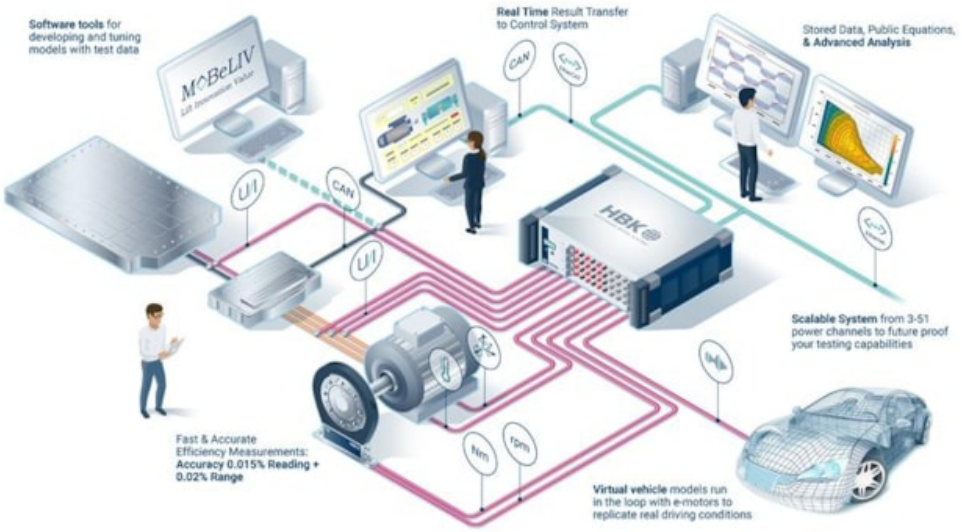


HBK has announced a new partnership with electric drive simulation specialist – MoBeLIV – to act as a reseller of their MoBeLIV software products.

The agreement, officially signed on 9th September 2025, also allows HBK and HBK's affiliates companies, such as VI-grade, to act as resellers, making MoBeLIV's solutions more readily available worldwide. HBK's customers developing electric powertrain now require the acquisition of more parameters (flux, magnet temperature, etc.) from their testing and analysis. These customers also need to determine how to bridge the gap between their simulation results, Hardware-in-the-Loop (HiL) results, and their test stand. Blending HBK test and MoBeLIV simulation will allow customers to test, validate and tune their test and simulation results, to achieve better results, much faster.

HBK Director of Automotive Strategy and Business Development, Mitchell Marks explains: "Our customers want to understand the differences between simulation and measurement – and correct for them. They also want standardised advanced results for motor testing, including flux measurements and detailed temperature characterisations. MoBeLIV's expertise, in using test data to refine models and create real-time simulations, will allow HBK's electric motor testing solutions to provide test informed models and advanced measurement results – and will complement HBK's Electric Motor Testing solutions, by providing simulation tools that incorporate test data for tuning and the potential to execute in the real-time.

"By integrating MoBeLIV's advanced real-time electric motor models with VI-CarRealTime, our flagship solution for real-time vehicle modelling and simulation, we can offer customers a more complete and accurate virtual testing environment, both offline and on the driving simulator. This collaboration enhances the value we deliver to the market by enabling OEMs and suppliers to accelerate the development of electrified powertrains with greater fidelity and confidence," added Alessio Lombardi, Head of EMEA and

NA Sales, VI-grade, part of HBK Virtual Test .