



BMS HIL Testbed Projects

Major EU Battery Storage Testing Facility

- Delivered 800V BMS test system with dual high-voltage emulation channels
- Integrated multiple ISO-SPI slave devices for complete communication testing
- Advanced fault insertion capabilities for robust safety validation
- Easy DUT changing system enabling rapid test cycles and high productivity

Leading USA Battery Manufacturer

- Supplied 8 high-voltage emulation channels for scalable BMS validation
- 40 temperature sensor emulation channels for comprehensive thermal testing
- Full support for real-world battery pack simulation and stress testing
- Accelerated BMS development and improved overall product reliability

Prominent EU Testing Facility

- Deployed 800V high-voltage emulation platform for advanced BMS testing
- Extensive communication protocol coverage including CAN, LIN and Ethernet
- Precise simulation of complex battery system interactions
- Reliable and repeatable test results for certification and validation

Major USA Automotive OEM

- Implemented 400V BMS validation system focused on vehicle integration
- Advanced communication protocols testing for seamless system compatibility
- High-fidelity emulation of real-world operating conditions
- Ensured safety, performance and compliance for next-generation EV batteries

