



# Teaming up for Power HIL

Joint offering for the best system integration of Power HIL

Excellence in test benches and test centers

**dSPACE + ENORISE**  
Simulate, Automate, Qualify

Excellence in Hardware-In-the-Loop (HIL) and emulation hardware

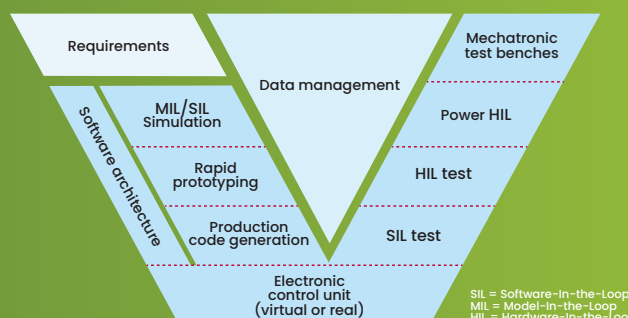
## Key takeaways

- Power HIL is the **perfect symbiosis of simulation and real power** closing the gap between HIL and dynamometer testing
- For **more than 40 years ENORISE** plans, builds and operates test rigs and test facilities
- For **more than 30 years dSPACE** provides cutting edge real-time simulation hardware and software
- Power HIL is a mature technology for dSPACE

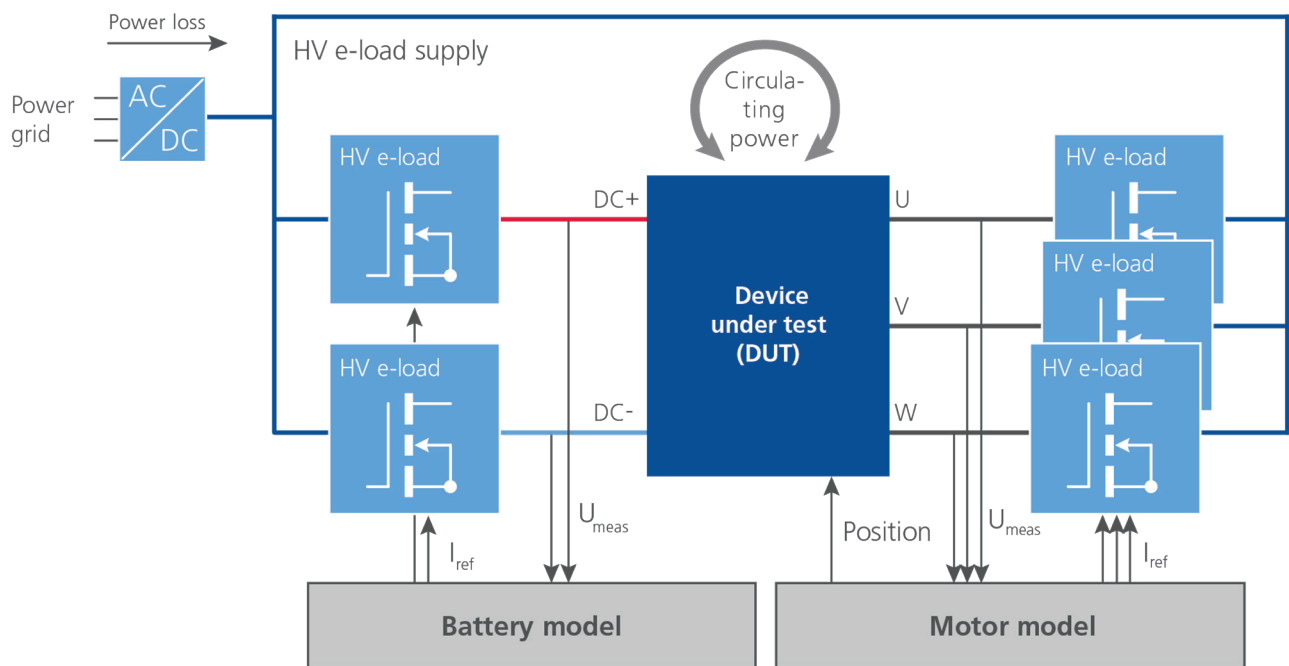
## Why dSPACE + ENORISE?

- Two excellent companies are bundling their competencies
- Combined and harmonized solution for inverter testing from a single source

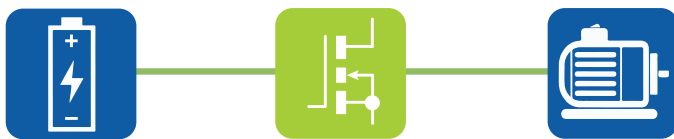
## Where do we find Power Hardware-In-the-Loop?



# High-Voltage Inverter Testing – System Concept



## Electric test bench – Use cases



### Devices under Test:

- Automotive traction inverters
- Industrial back-to-back inverters
- Chargers
- DC/DC converter

### Emulated Parts:

- Electric motor
- Battery
- AC-grid

Contactez-nous :

**ENORISE**

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