

Flexible & Modular Test Platform

Easily configurable for your different DUT

DEVICE UNDER TEST (DUT)

INTERFACE

SIGNALS ROUTING

TEST CABINET

SOFTWARE

TEST RESULTS

ELECTRONICS

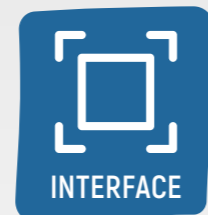
- ▶ Printed Board Assembly (PBA)
- ▶ Electronic Control Unit (ECU)
- ▶ Sensor
- ▶ Power Generator
- ▶ Power Converter
- ▶ Solar Panel
- ▶ ...

ACTUATOR

- ▶ Servoactuator
- ▶ Electro Hydrostatic Actuator (EHA)
- ▶ Electro Mechanical Actuator (EMA)
- ▶ ...

FLUID

- ▶ Pump
- ▶ Electrovalve
- ▶ Servovalve
- ▶ ...

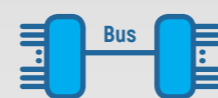


- Power supply**
 - ▶ Electrical
 - ▶ Pneumatic
 - ▶ Hydraulic
- Fixture**
 - ▶ Mechanical
- Enclosure**
 - ▶ Secure
 - ▶ Environmental

Standard



Optimized



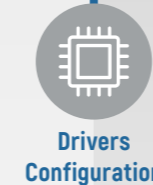
- Standard: conventional harnesses**
 - ▶ Full parallel measurements
 - ▶ HF signals
 - ▶ Low noise signals
 - ▶ Power wires
- Optimized: smart routing matrix**
 - ▶ Reduced number of wires
 - ▶ Extended measuring points
 - ▶ Vacuum application



- HMI Human Machine Interface**
- Instrumentation off-the-shelf**
 - ▶ Digital Multimeter (DMM)
 - ▶ Source Measure Unit (SMU)
 - ▶ Power Supply Unit (PSU) and Load
 - ▶ Solar Array Simulator (SAS)
 - ▶ Battery Array Simulator (BAS)
- Command & Control Computer**
 - ▶ Sequencer software
 - ▶ Unitary test manager
 - ▶ Hardware drivers
 - ▶ Local Datalogger
 - ▶ Interface environment



SEQUENCER



Drivers Configuration



Scripts Tests Sequences



RUN Results



REPORTING

- Software-Defined Solution**
 - ▶ Versatile end-to-end T&M solution
 - ▶ Decoupling physical devices from testing bench
 - ▶ Integrated sequencer, reporting, debugging
 - ▶ Extensible architecture (modularity & reusability)
 - ▶ Support of off-line testing via simulation
 - ▶ 100% software defined approach
 - ▶ Modern web User Interface



Reports
(DOCX, PDF, XLSM)



Results Storage