



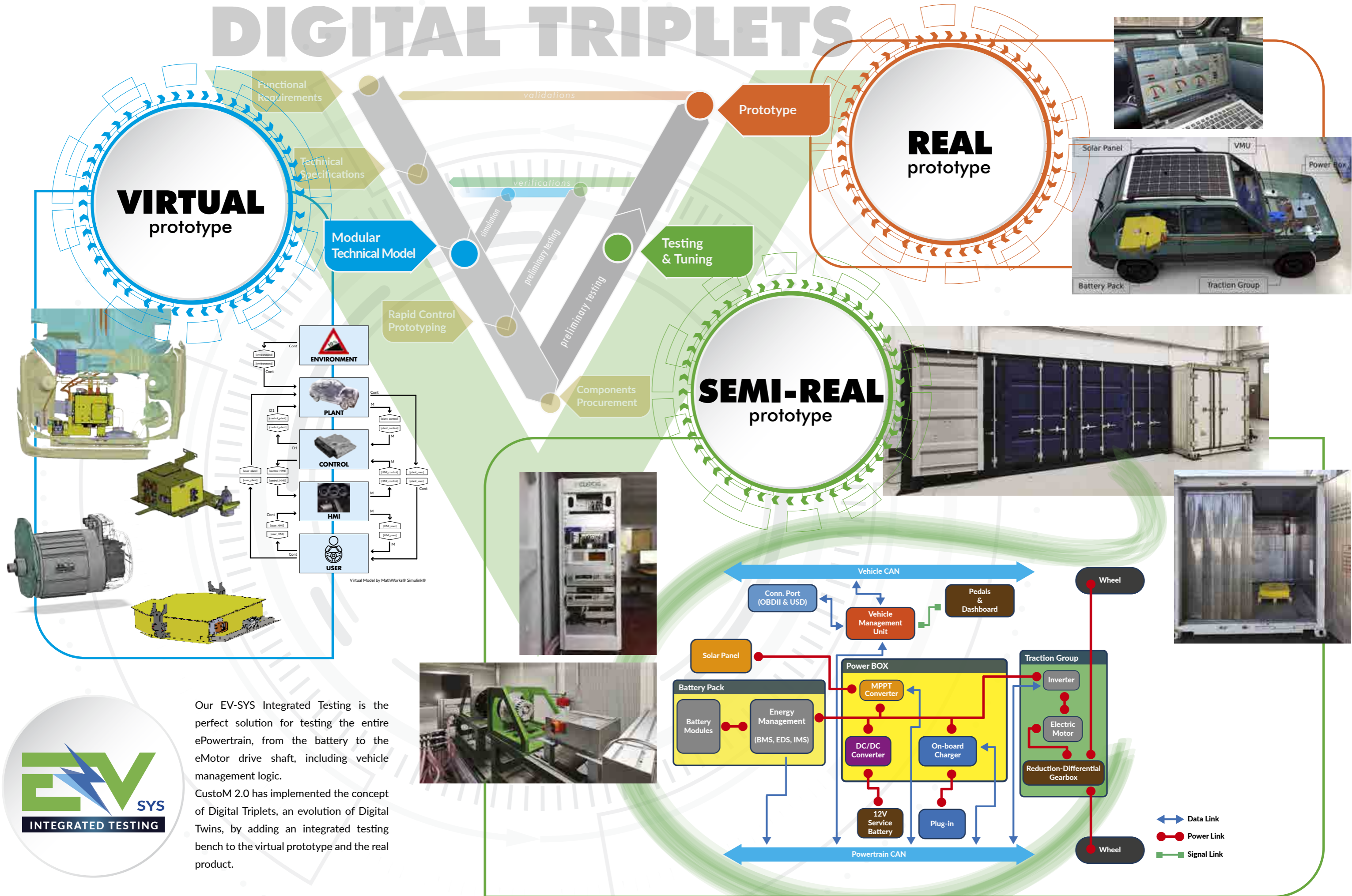
CUSTOM^{2.0}
Design solution, enjoy success



EV-SYS | Integrated Testing Solution

ENGINEERING SOLUTIONS AND SERVICES SINCE 1988

DIGITAL TRIPLETS



Our EV-SYS Integrated Testing is the perfect solution for testing the entire ePowertrain, from the battery to the eMotor drive shaft, including vehicle management logic. CustoM 2.0 has implemented the concept of Digital Triplets, an evolution of Digital Twins, by adding an integrated testing bench to the virtual prototype and the real product.





Integrated testing for e-Powertrain

EV-SYS is a testing room to verify the integration of a whole powertrain (eMotors, inverters, battery packs, power boxes, VMUs).

CustoM 2.0 decided to develop its testing solution inside a 20-foot container with safety features like soundproofing fire prevention panels, internal video-surveillance and a dedicated fire prevention system.

If you want to verify the correct integration of all the components of your ePowertrain we can carry out the tests at our headquarter in Grugliasco using our containerized testing facility.

If you want, instead, to have your own integrated testing facility the only things you will need are an industrial slab to support the container, an adequate three-phase AC grid for the power needed for your application (the power needed is around 1/3 of the power expressed by your e-PWT) and a ethernet connection.

No other adaptations of your plant are required.



TESTING BENCHES

Supply of turnkey test benches to test the integrated e-Powertrain and / or the single components.



SERVICES

Support on testing of the integrated e-Powertrain and / or the single components using our testing facilities at CustoM 2.0 premises.



e-PWT development

Consulting for the integration of e-Powertrain, including support in the generation of software code for the VMU with Electrofit Systems S.r.l.

We make the e-mobility testing solution you need !

Our Partners:



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