

VITE by Bosch Engineering

Turn your RDE engineering challenges into opportunities ...



RDE challenges of today ...



*emission limits & CO2 standards
(with even stricter EU7 legislation)*



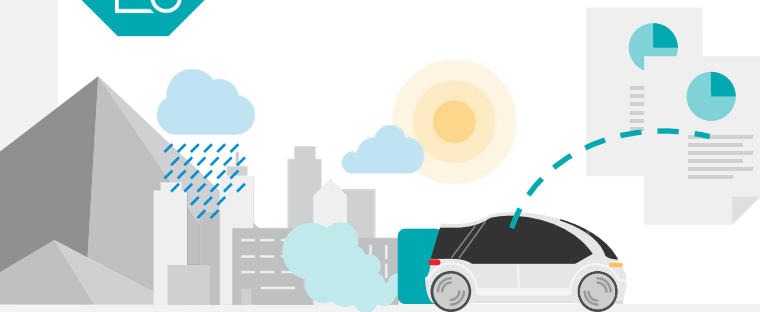
*PEMS tests are very cost- and
resource-intensive*



PEMS tests are barely reproducible



up to 25% of invalid PEMS tests



We have the solution!

VITE

Virtual Interconnected Test Environment

*A tailored simulation
solution giving you
speed and flexibility
for your RDE
engineering and
testing.*

Your benefits with VITE ...



*use your PEMS resources only for
required final verification*



*up to 400% more RDE tests
(from 2 to 8 tests each day)*



*reproducible test results through
simulation at engine test bench*



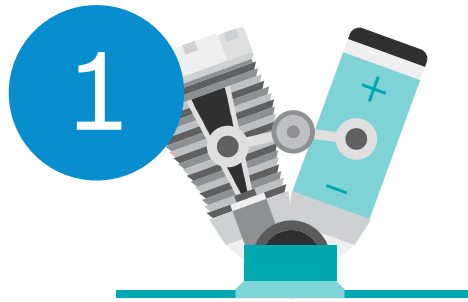
invalid PEMS tests are minimized



VITE by Bosch Engineering ... and realize your opportunities with our engineering!



Infrastructure set up

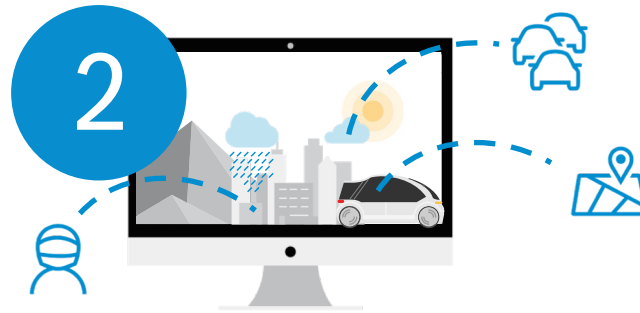


We get your existing infrastructure

VITE-ready with our partners AVL & IPG.

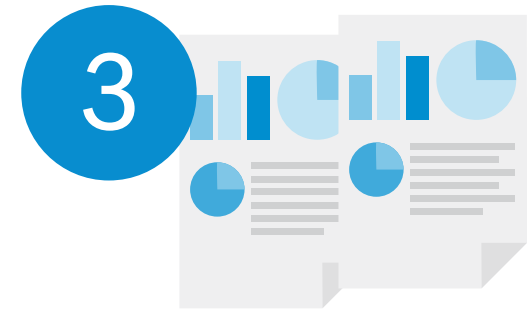
All you need is your engine at your test bench!

Models creation / digital twins



We create your customized virtual drivers, tracks and vehicle **models** for your simulations.

Simulation test run & reporting



Set up your individual test scenario. Run as many simulations as you want on your own – at any time. **If needed, we support you** at every stage during testing.

...curious? But still not sure? Try our VITE proof-of-concept!
In less than 3 weeks we set up hardware & software and show you how VITE enables your test benches for RDE development!

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