

# Who's testing?

MEET RT-LAB ORCHESTRA

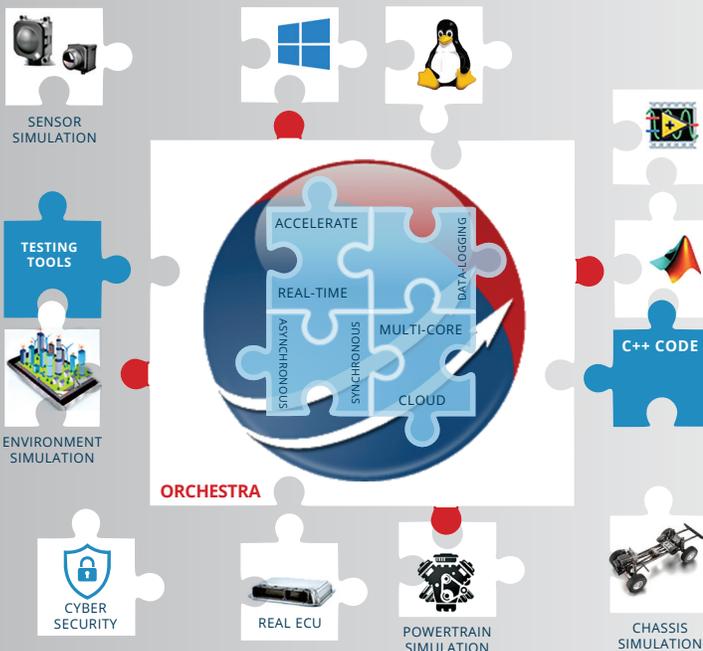


OP5031 SIMULATOR

## FAST TRACK INNOVATION AND GROWTH

Conceived and designed to allow continuous integration of technology & industry updates, OPAL-RT's systems are built to provide you with the flexibility to predict and overcome any potential obstacle when testing an autonomous vehicle.

**Say goodbye to costly and lengthy track tests, and start riding with RT-LAB ORCHESTRA!**

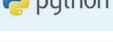


## ENTER A WORLD OF ENDLESS POSSIBILITIES

RT-LAB Orchestra offers an extensive list of simulation test and integration tools for its suite of vehicle solutions.

If your needs are more specific, OPAL-RT has the expertise, and strategic partnerships:

## THE POWER OF PARTNERSHIP

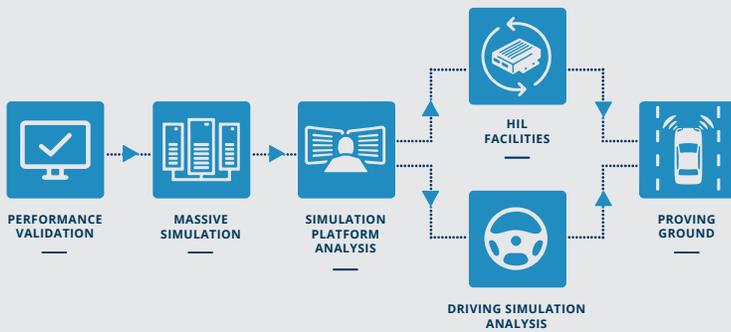
TESTING TOOLS	MODELISATION TOOLS	VIRTUAL ECU
    	  	 <small>SIMULATION FOR ENGINEERING</small>
ENVIRONMENT SIMULATION	MECHANICAL SIMULATION	NETWORK & CYBERSECURITY
   	  <small>MECHANICAL SIMULATION</small>	 <small>NETWORK TECHNOLOGIES</small>

# ADVANCED DRIVER ASSISTANCE SYSTEM APPLICATIONS

Advanced driver-assistance systems (ADAS) are systems developed to automate/adapt/enhance vehicle systems for increased safety. Safety features are designed to avoid collisions and accidents by offering technologies that alert the driver to potential problems by implementing safeguards and taking control of the vehicle.

Adaptive features can automate lighting, provide cruise control, automate braking, incorporate GPS/ traffic warnings, connect to smartphones, alert the driver to other cars or dangers, keep the driver in the correct lane, or monitor blind spots.

## ORCHESTRA AT EVERY DEVELOPMENT STEP



## FLEXIBILITY

RT-LAB Orchestra is FMI compatible, making board connection and integration quicker.

RT-LAB Orchestra works on all means of validation: MIL, SIL, and HIL.

## OPTIMIZATION

Choose the computing cores on which your models will run. Multiple sessions of RT-LAB Orchestra can be combined to fully harness your hardware platform.

## IP PROTECTION

Share your compiled models with different users while safeguarding your intellectual property.



## ABOUT OPAL-RT TECHNOLOGIES

OPAL-RT is the world leader in the development of PC/FPGA Based Real-Time Digital Simulator, Hardware-In-the-Loop (HIL) testing equipment and Rapid Control Prototyping (RCP) systems to design, test and optimize control and protection systems, used in power grids, power electronics, motor drives, automotive industry, trains, aircraft and various industries, as well as R&D centers and universities.



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