HEXAGON
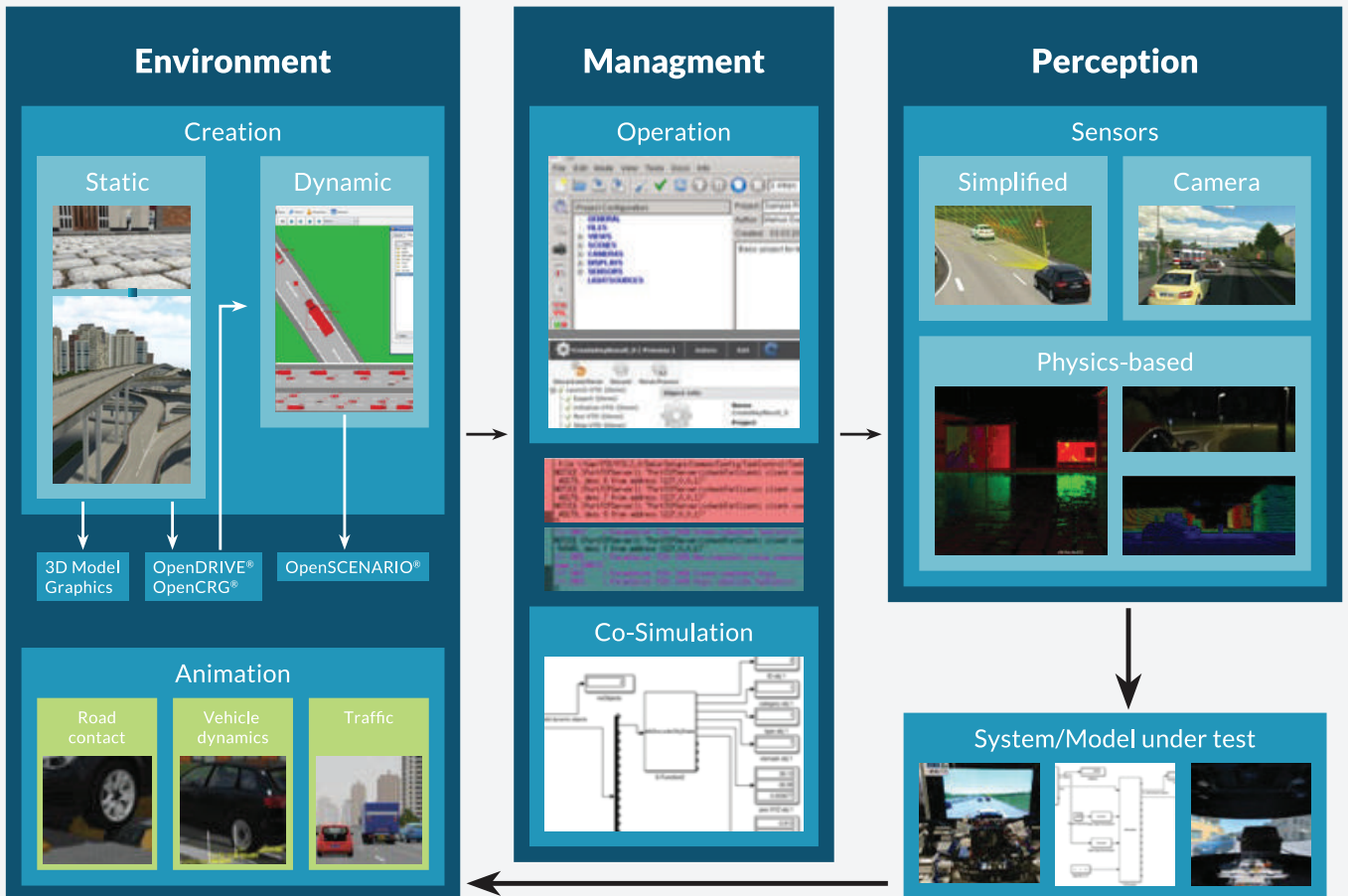
Virtual Test Drive®

VIRES Virtual Test Drive (VTD®) is a complete tool-chain for driving simulation applications.

Environment

Creation

Static

Dynamic

3D Model Graphics

OpenDRIVE® OpenCRG®

OpenSCENARIO®

Animation

Road contact

Vehicle dynamics

Traffic

Managment

Operation

Co-Simulation

Perception

Sensors

Simplified

Camera

Physics-based

System/Model under test

VTD provides a modular tool-set for road network creation, scenario definition, vehicle dynamics, traffic and sound simulation, simulation control, image generation, sensor perception etc. It uses established standard file formats.

VTD provides open interfaces for 3rd party components and a plugin concept with API for 3rd party modules; it allows for wide-ranging customization of its functionality.

VTD is an established software package which is in service at numerous installations in the automotive and railroad industry.

VTD supports:

OpenDRIVE®

OpenCRG®

OpenSCENARIO®

For more information, visit:
www.hexagon.com/products/virtual-test-drive