

## AV Simulation accelerates on physics based sensor modeling

AV SIMULATION (Autonomous Vehicle Simulation) and his sister company OKTAL-SE have signed an exclusive agreement for the development of a coupled version of SCANeR™ studio and SE-Workbench.

OKTAL-SE is a company in the Sogeclair Group that has become a global reference in terms of synthetic environment rendering software in both Electro-Optic (Visible, Infrared) and Radio-Frequency (Radar, GNSS) domains.

Through this agreement, SCANeR™studio will integrate the SE-Workbench unique capabilities for the simulation of visible cameras, infrared sensors, Lidar, Radar and GNSS receivers.

This seamless integration between a recognized solution widely used in the aerospace, space and defense industry and SCANeR™studio will lead to a unique opportunity to deliver physically based synthetic environment modeling in the automotive domain to customers aiming at developing new sensor processing and multi sensor data fusion functions.

AVSimulation intends to widen the SCANeR™studio functionalities to meet increasing market demand for physical sensors' simulation while leveraging OKTAL-SE experience in physical modeling of synthetic environment.

Thanks to this agreement, SCANeR™studio will pursue its acceleration to become a truly unique product for the Autonomous Vehicle fast growing market with a first release in 2018 that will address all types of sensors in a physics based and highly realistic way.

### **About AV Simulation:**

AV Simulation is a worldwide leader of driving simulation, marketing SCANeRStudio™ for automotive driver assistance systems, autonomous and connected vehicles and ergonomics as well as standalone and full-scale simulators. The Boulogne-Billancourt, France based company was founded in 2017 as a subsidiary of Oktal, a Sogeclair company (65%) and Renault SA (35%), based on OKtal's more than 20 years' experience in driving simulation software and hardware.

For more information, please visit [www.avsimulation.fr](http://www.avsimulation.fr)

### **About OKTAL-SE :**

OKTAL Synthetic Environment is an emanation of the OKTAL company, part of the SOGECLAIR Group located in Toulouse-France which purpose is to provide customers with state of the art multi-sensor simulation software and services. Thanks to the reliability and the performance of modeling and simulation COTS products, OKTAL-SE has become an international reference in terms of synthetic environment rendering software in both Electro-Optic (Visible, Infrared) and Radio-Frequency (Radar, GNSS) domains.