
rFpro

rFpro has been the industry leading driving simulation software since 2007

since 2007

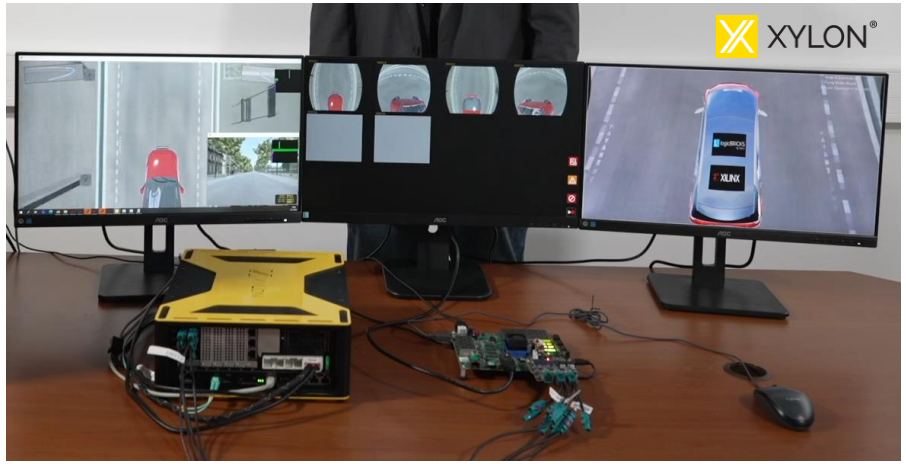
rFpro Company Mission

To provide the world's leading **simulation software and digital content** to **reduce** the reliance on real world testing and training data generation

rFpro scales from **desktop** simulations to **huge multi-image/sensor** simulations

In The Loop
• Driver • Software (Control Strategy & Perception) • Hardware

Use Cases
• Vehicle Dynamics & Tyre Modelling • ADAS/AV • Human Factors • Headlights



rFpro Products

1. **Simulation Software**
2. **Digital Content**

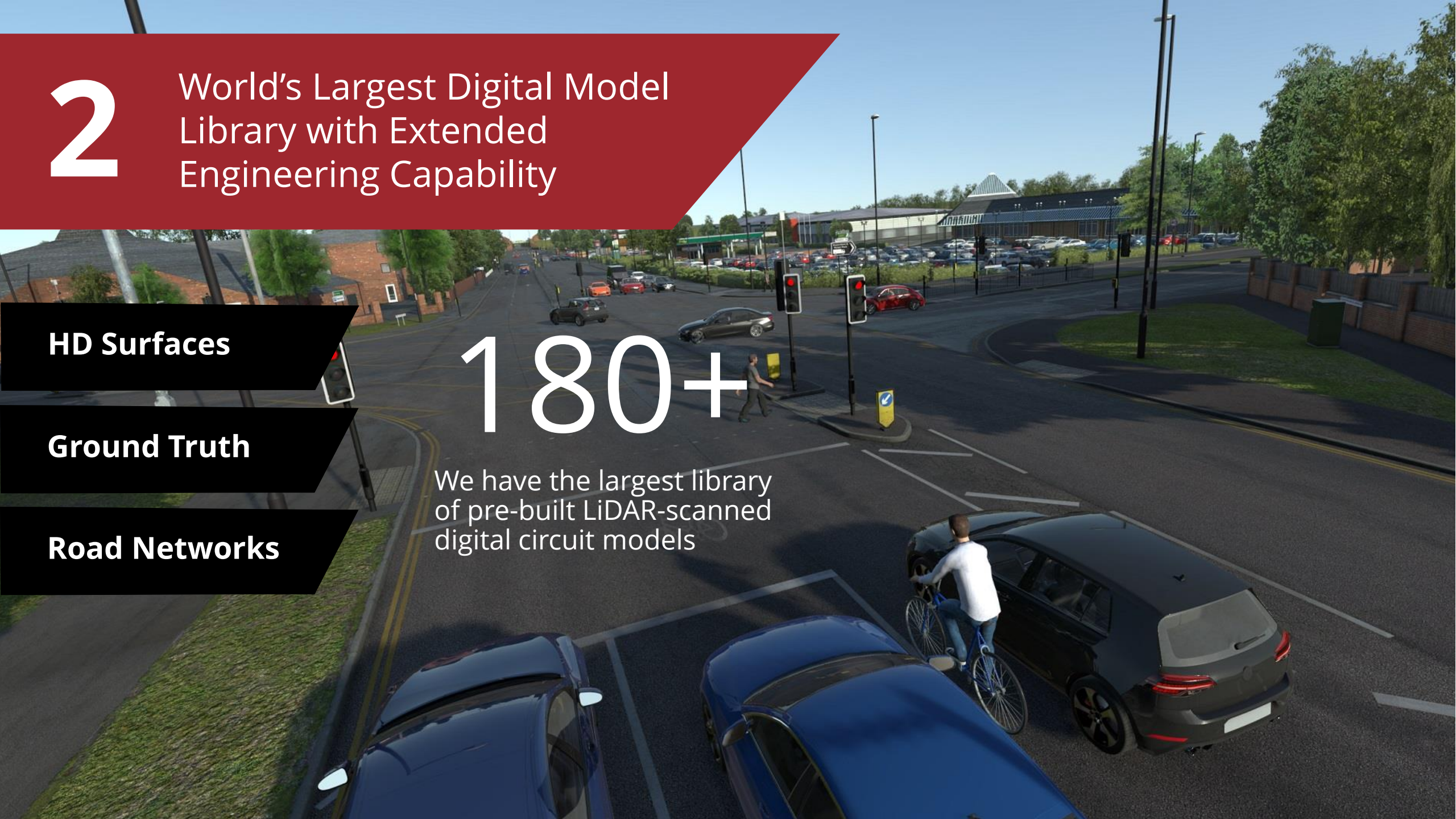
1 World's Most Advanced Simulation Software

Realtime Rendering & Ray Tracing Options to Match Engineering Requirement

1 Offline Ray Tracing Capability

Realtime Rendering & Ray Tracing Options to Match Engineering Requirement

2 World's Largest Digital Model Library with Extended Engineering Capability



HD Surfaces

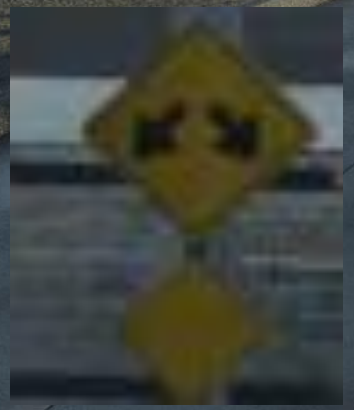
Ground Truth

Road Networks

180+

We have the largest library of pre-built LiDAR-scanned digital circuit models

65km drivable road loop




20km UK road loop
CHESTERTON ROAD
TEMPLE END

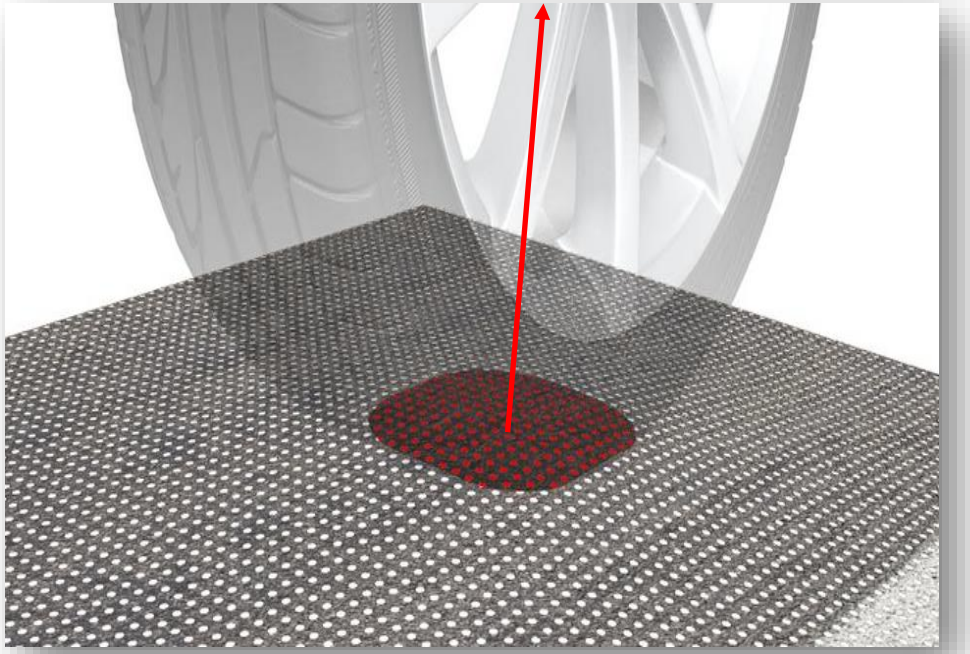
Driver in the Loop

Live Texture Integration with SimHub – New Feature

New Vehicles – Update

Terrain Server on Speedgoat Real-Time Hardware

speedgoat
real-time simulation and testing



Tire Models & rFpro's Terrain Server

cosin scientific software

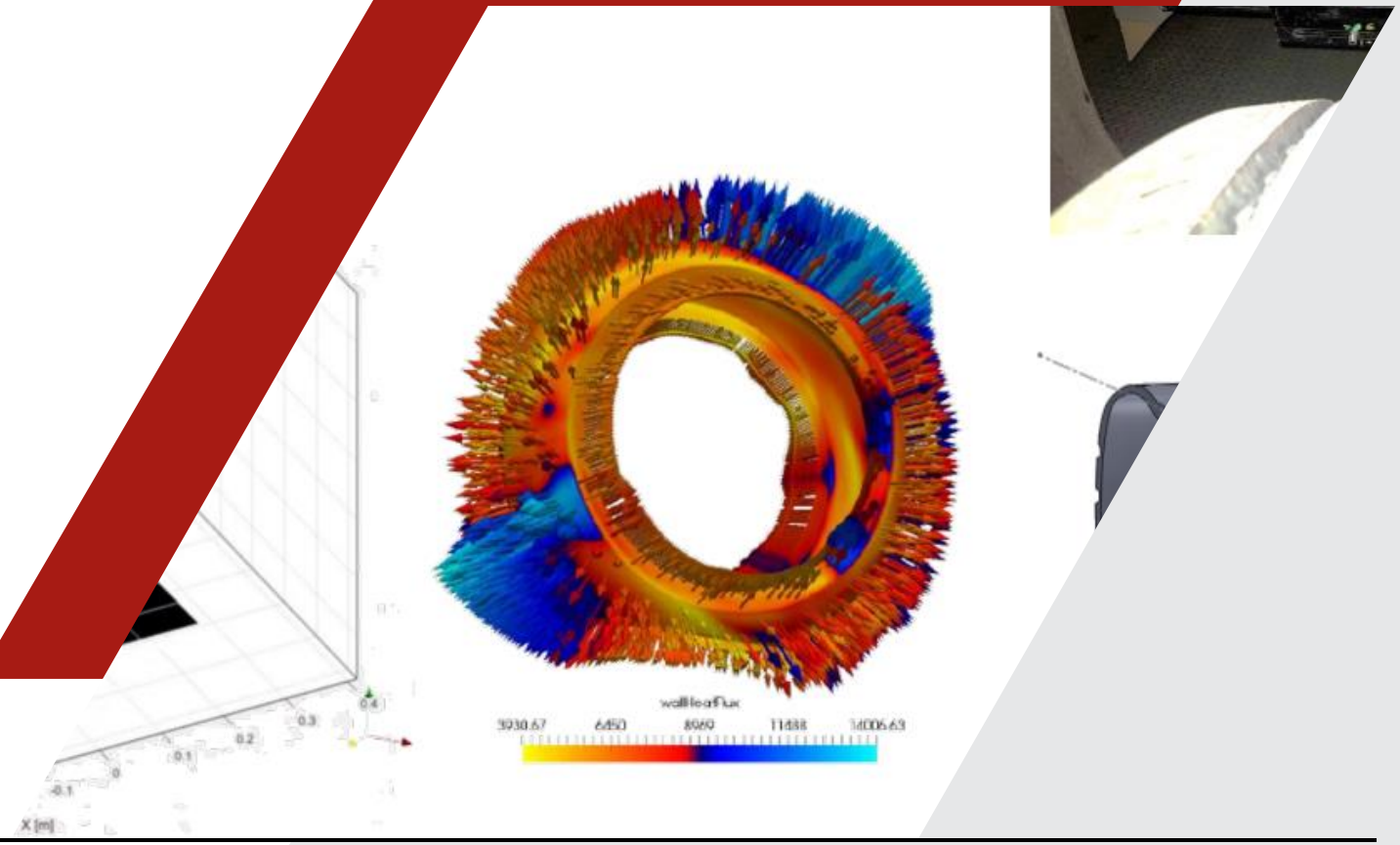
FTire

MEGARIDE APPLIED VEHICLE RESEARCH

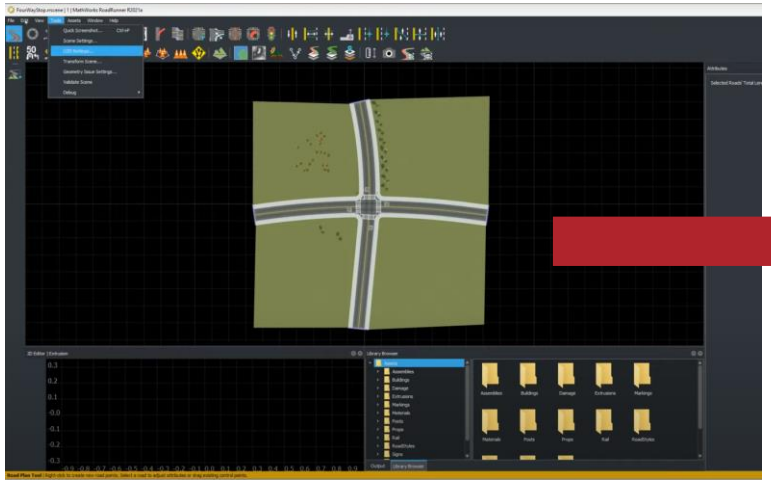
threedeeRide

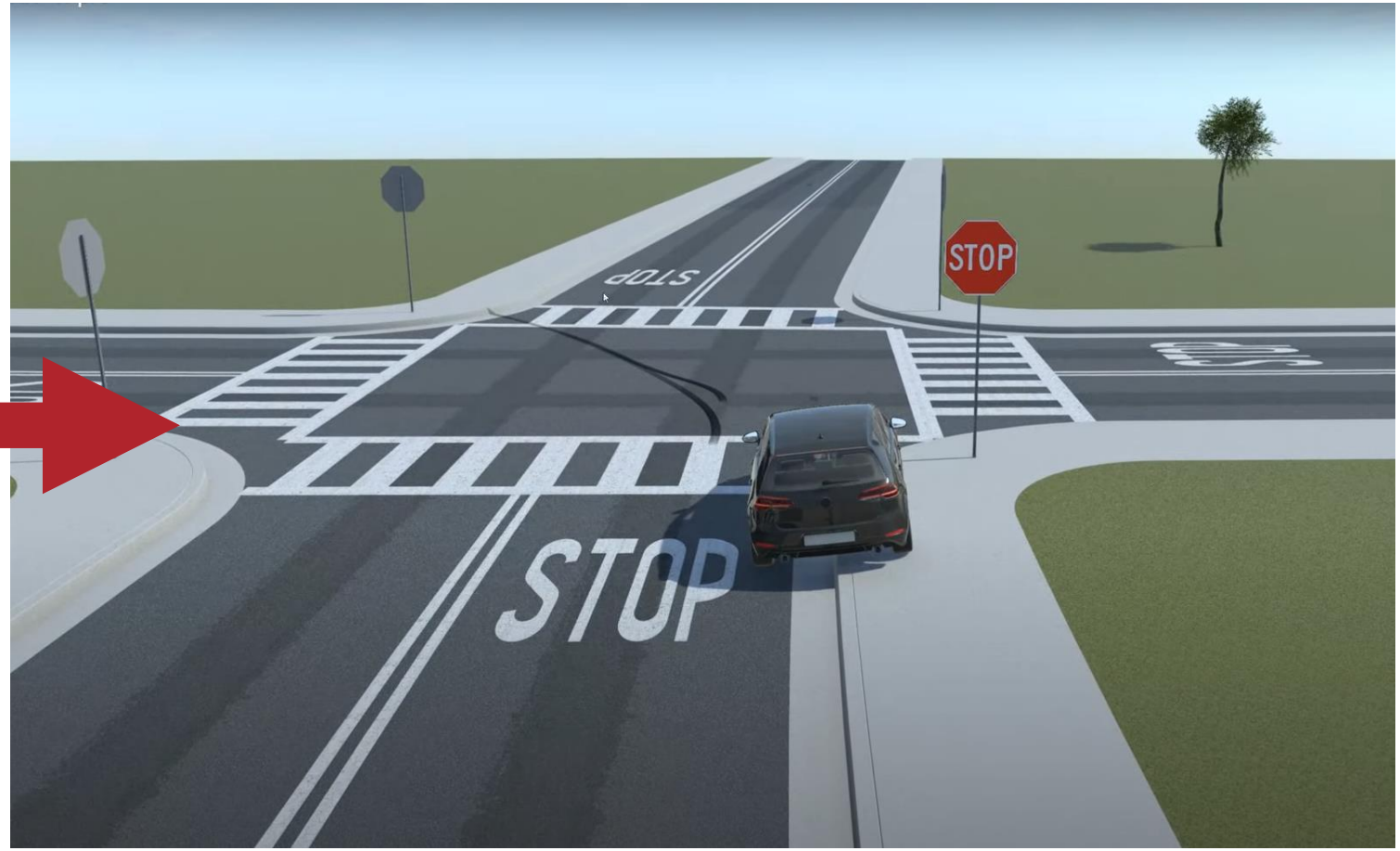
SIEMENS Ingenuity for life

MF-Swift



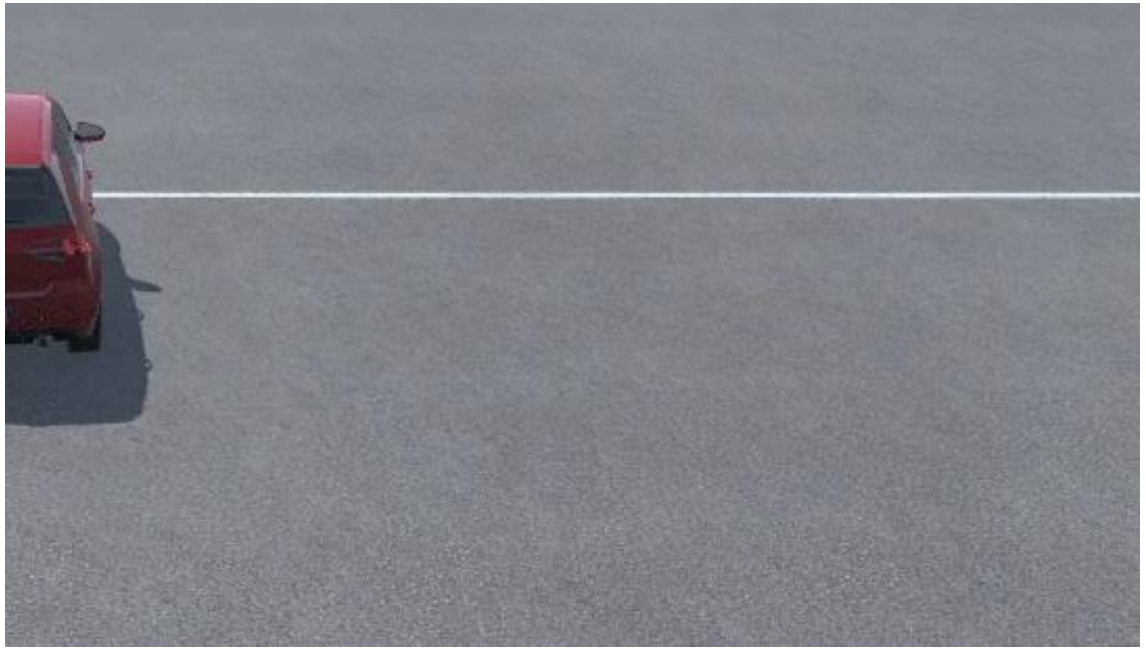
Mathworks RoadRunner rFpro Export

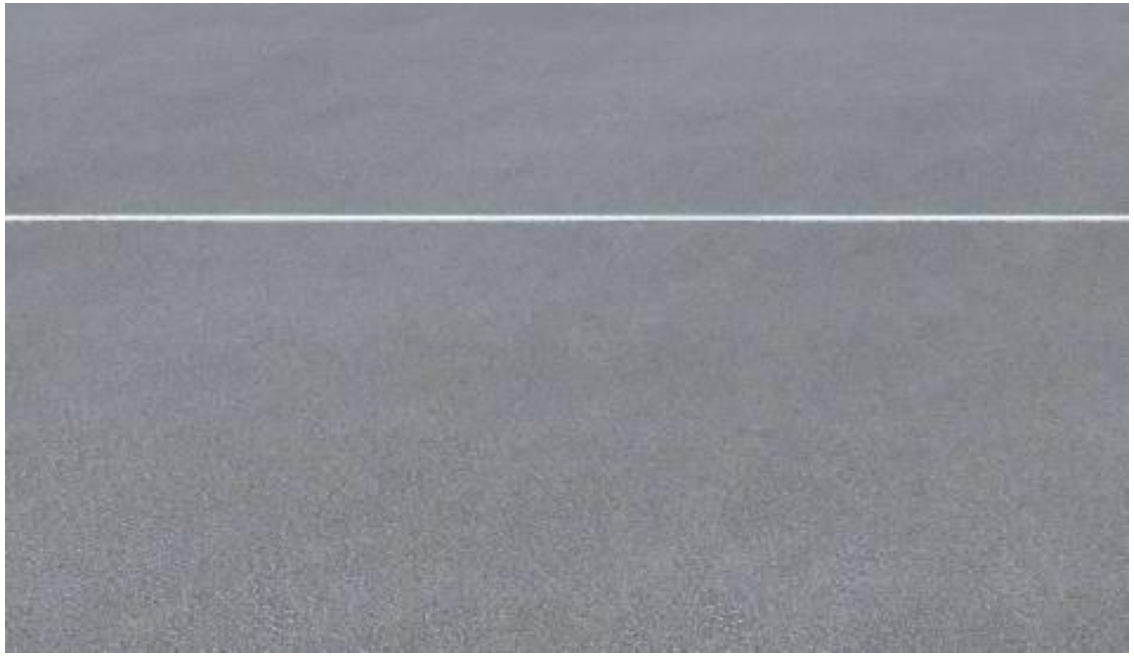




Automotive, ADAS and Training Data Generation

Switchable Actor Animations – Update

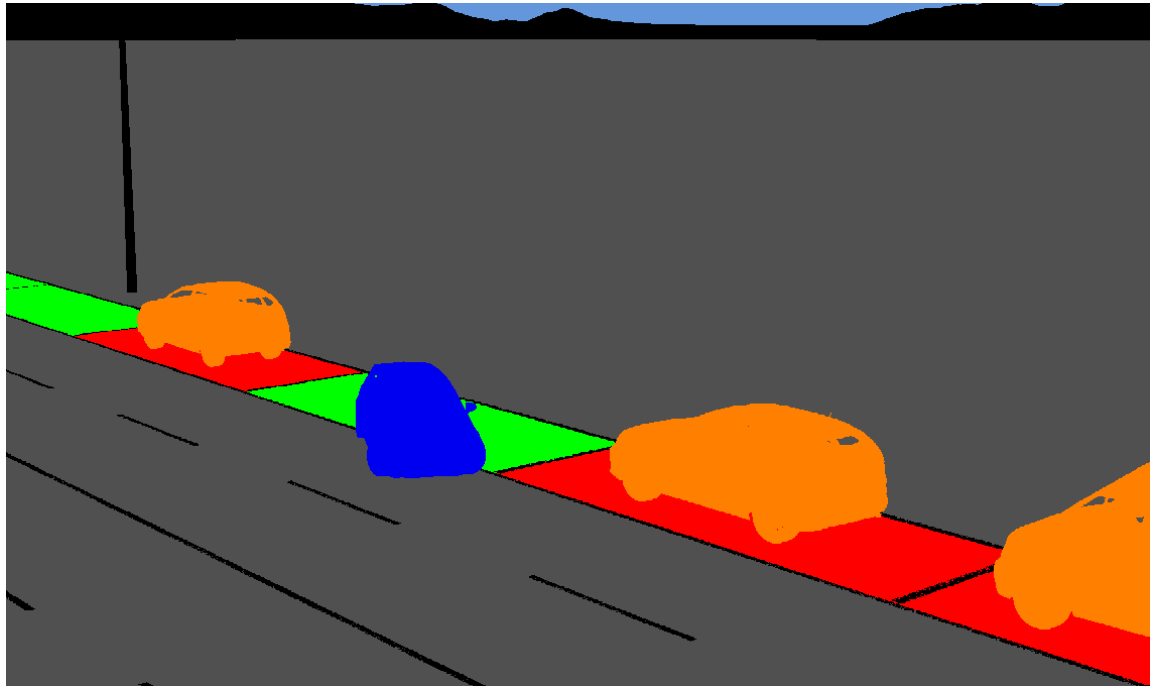




Raytracing – Volumetric Fog

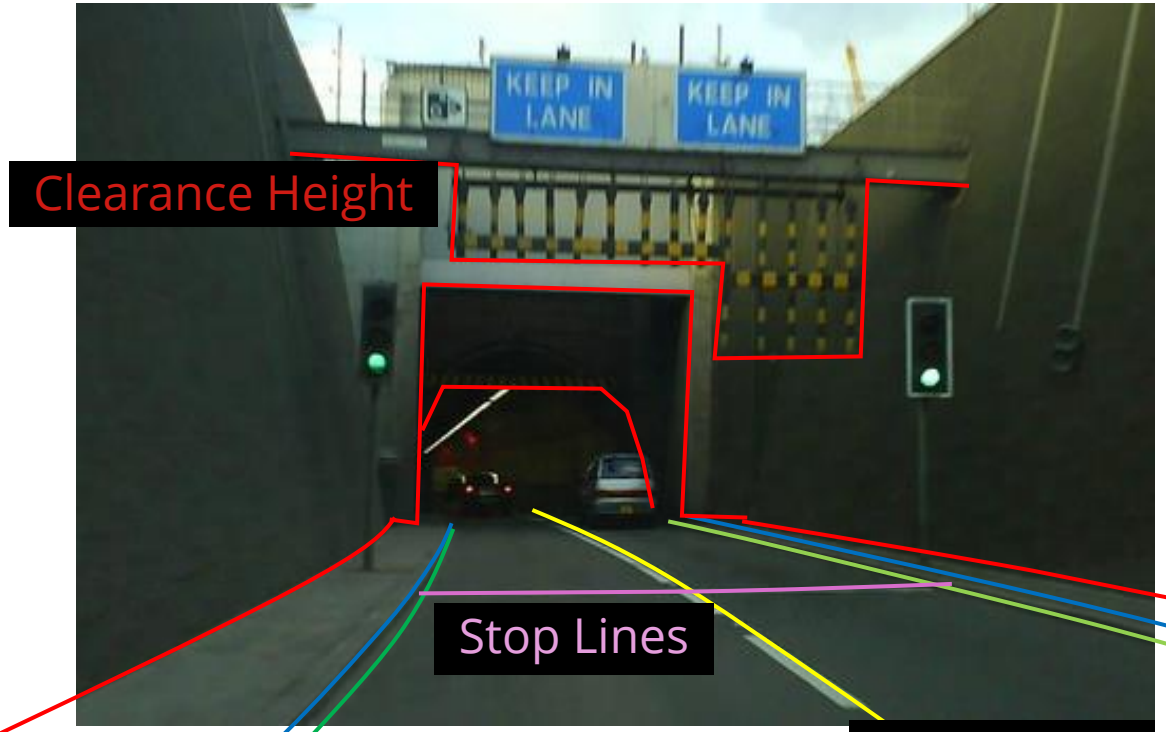
Ground Truth Data – Advanced

NEW: Functional Ground Truth Objects



- **Parking Bays (Occupied/Available)**
- **Fence/gates**
- **Custom Ground Truth Options**

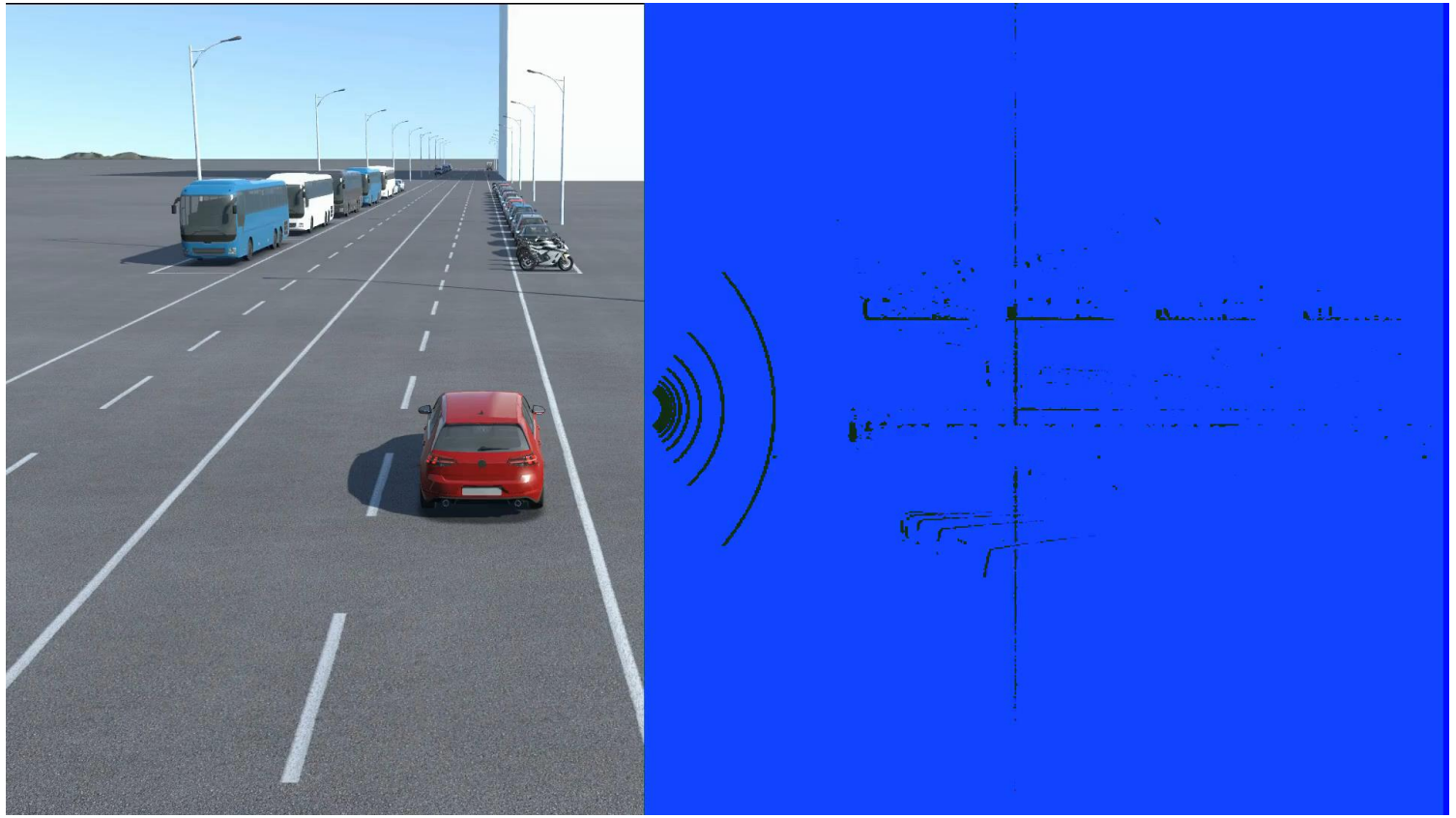
NEW: Ground Truth Splines



Sensor Models – Multipath Radar Models

ASAM OpenMaterial®
& 3D model structures

- rFpro Technical Director is co-lead of the Materials Subgroup
- rFpro's "Physical Material Description" assignment scheme is currently the leading choice to adopt into the ASAM OpenMaterial® standard



Thank you

Contact us:

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