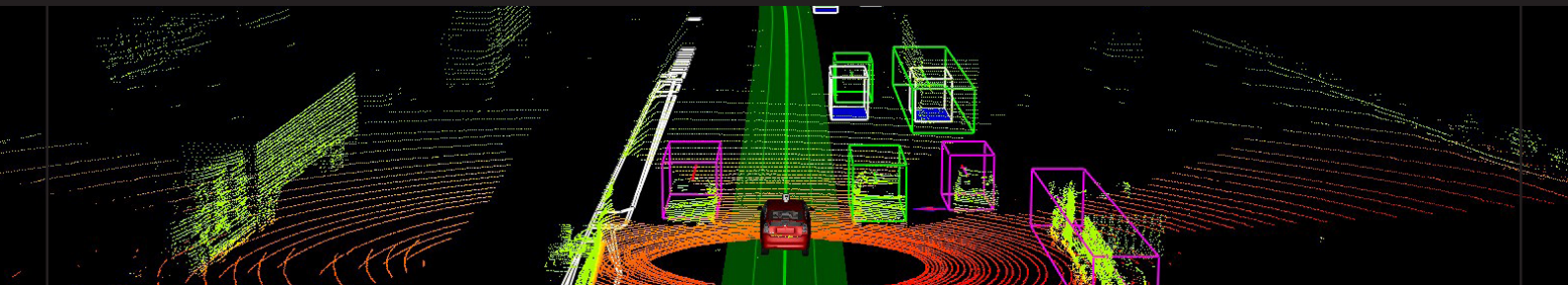


ACCURATE OBJECT DETECTION & DETERMINATION WITH LIDAR



RheoLight Compounds increase LiDAR Visibility, even at lower concentrations.

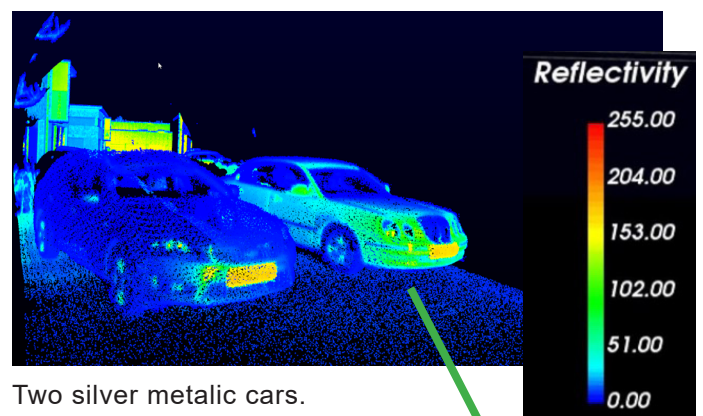
The automotive sector is at the forefront of adopting and demanding LiDAR technology for different applications.

Within the automotive industry, LiDAR technology is already being used in consumer cars, driverless taxis, ride-hailing, and mobility-on-demand services.

Our patented technology makes it possible to enhance LiDAR pointclouds for improved object detection and determination. RheoLight is available as liquid dispersions, and as mono-concentrates, making it easy to formulate with many different types of polymers, like polyolefins, thermoplastic elastomers, and engineering polymers.

Autonomous driving is coming*

- 2022: L3 Cars (no-hands steering)
- 2024: Autonomous Trucks
- 2025: First large-scale robotaxi rollouts



Two silver metallic cars.

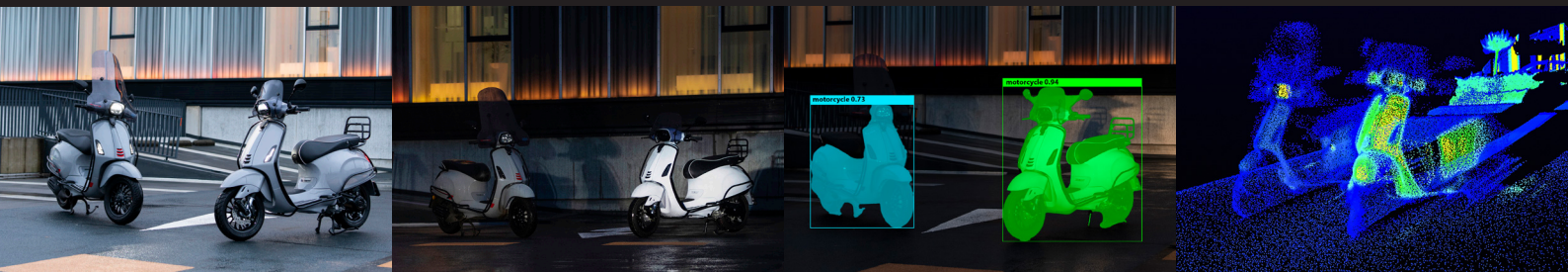
One without RheoLight, one with RheoLight.

* McKinsey AV Expert survey

RheoLight™

Crystal Glass Pigments

INCREASED VISIBILITY FOR MAN & MACHINE



☀ Daytime

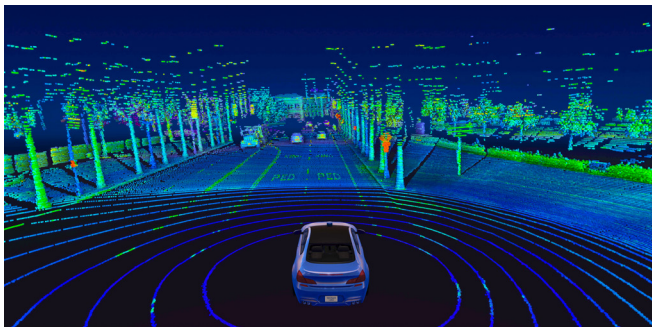
🌙 Nighttime

📷 Computer Vision

🌐 LiDAR View

Grey Scooter Comparison With Rheolight almost **140** times more visible with LiDAR and increased object detection reliability by **21%** !

LiDAR is a key technology for the future of autonomous vehicles and advanced-driver assistance systems. RheoLight is the first member of a new class of effect pigments that increases the visibility for the human eye, LiDAR, and computer vision, while maintaining the integrity of design and appearance. With RheoLight, you can also create new colors and new color effects that are more visible than similar colors without RheoLight.



LiDAR is here to stay

- Light Detection and Ranging (LiDAR)
- Used in Autonomous Vehicles (AV) & Advanced-Driver Assistance Systems (ADAS)
- 'Seeing' objects by measuring distance in Near Infra Red (NIR)
- RheoLight increases LiDAR visibility especially for darker and metallic colors
- Enhance vehical response times for: emergency braking and collision avoidance.

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INK INVENT™
SUSTAINABLE SOLUTIONS