# Mobileye and Transdev to Develop and Deploy Autonomous Shuttles

*On-Road Testing to Start Next Year with Commercial Services Expected in 2023*

**Jerusalem, Israel and Paris, France – Date 24.11.2020 –** Mobileye, an Intel Company, and Transdev ATS (Autonomous Transport System), part of Transdev Group, one of the world’s largest operators and global integrators of mobility solutions, today announced a strategic collaboration to develop and deploy shared autonomous mobility services. The companies are integrating Mobileye’s Self-Driving System in the i-Cristal electric shuttle, manufactured by Lohr Group, with plans to launch autonomous mobility services powered by fleets of self-driving shuttles across the globe, including the US, Europe and parts of Asia.

“Our collaboration with Transdev serves to grow Mobileye’s global footprint as the AV technology partner of choice for pioneers in the transportation industry,” said Johann Jungwirth, Vice President of Mobility-as-a-Service at Mobileye, an Intel Company. “Mobileye and Transdev are shaping the future of shared autonomous mobility and we look forward to scale our self-driving solutions to regions all over the world.”

“This collaboration between Transdev ATS and Mobileye will enable the switch from self-driving vehicles to autonomous mobility services at scale, thanks to the combination of the complementary cutting-edge expertise of both partners,” said Patricia Villoslada, Executive Vice President of Autonomous Transport Systems. “Together we will bring new mobility solutions to reality in the next coming years.”

By integrating the Mobileye Self-Driving System into Transdev’s existing mobility service networks, the two companies aim to improve the efficiency and convenience of mass transportation solutions. Autonomous mobility can be woven into the fabric of transportation networks to distribute service when and where it’s needed, while also optimizing the fleets, lowering transportation costs and improving customer experience.

Over the next year, Mobileye will work with Transdev ATS to integrate, test and deploy i-Cristal autonomous shuttles leveraging Mobileye’s AV technology and Transdev ATS technologies – including AV Supervision – and services. Mobileye and Transdev ATS will initially test vehicles on roadways in France and Israel, aiming to ready technology designs for production by 2022. The companies expect to launch commercial operations for the autonomous mobility services, comprised of fully self-driving i-Cristal shuttles in 2023.

Through the collaboration, Mobileye and Transdev ATS will bring their technologies into the electric i-Cristal shuttle, which features space for up to 16 passengers and is fully accessible via a ramp. The shuttle can travel at speeds up to 50 km/h and is designed to safely and efficiently accommodate today’s public transportation networks, with Transdev ATS expertise in connected infrastructure, AV Supervision and deployment and operation services to local operators and cities, allowing self-driving technology to become a daily reality.

Mobileye’s Self-Driving System is a turnkey AV solution which, by design, delivers utmost safety via two core concepts: Mobileye’s formal Responsibility-Sensitive Safety (RSS) model for the safety of the system’s decision making, and a True Redundancy™ perception system comprised of two independent sub-systems (cameras and radars+lidars) to enable robust perception. The Self-Driving System also provides seamless geographical scalability through Mobileye’s Road Experience Management (REM™) HD map. This proprietary, crowd-sourced map of the global road network is continuously and automatically updated using data gathered from mass-market ADAS cameras.

**About Mobileye**

Mobileye is the global leader in the development of computer vision and machine learning, data analysis, localization and mapping for advanced driver-assistance systems and automated driving. Mobileye’s technology helps keep people safer on the road, reduces the risks of traffic accidents, saves lives and aims to revolutionize the driving experience by enabling autonomous driving. Mobileye’s proprietary software algorithms and EyeQ® chips perform detailed interpretations of the visual field in order to anticipate possible collisions with other vehicles, pedestrians, cyclists, animals, debris and other obstacles. Mobileye’s products are also able to detect roadway markings such as lanes, road boundaries, barriers and similar items; identify and read traffic signs, directional signs and traffic lights; create a RoadBook™ of localized drivable paths and visual landmarks using REM™; and provide mapping for autonomous driving. More information is available at [newsroom.intel.com/autonomous](https://newsroom.intel.com/press-kits/autonomous-driving-intel/#gs.k2r0j8).

**About Transdev ATS**

Transdev ATS is an integrator of autonomous transport systems, including AV Supervision, autonomous vehicles and connected infrastructure. Transdev ATS provides technologies and services to local operators and cities for autonomous mobility services day-to-day operations on a large scale. Transdev ATS is part of Transdev Group.

As an operator and global integrator of mobility, Transdev – The mobility company – gives people the freedom to move whenever and however they choose. We are proud to provide 11 million passenger trips everyday thanks to efficient, easy to use and environmentally friendly transportation services that connect people and communities. Our approach is rooted in long-term partnerships with businesses and public authorities, and in the relentless pursuit of the safest and most innovative mobility solutions. We are a team of people serving people, and mobility is what we do. Transdev is jointly held by Caisse des Dépôts Group (66%) and the Rethmann Group (34%). In 2019, with 85,000 employees in 18 countries, the Group generated total revenues of 7.4 billion euros. For more information: [www.transdev.com](http://www.transdev.com).