Customer Success Story

Enabling Next-Generation Autonomous Driving

The Customer Challenge

Mobileye embarked on developing state-of-the-art automotive sensor products for autonomous driving applications, facing complex technological challenges. The primary task was creating advanced Radar and Lidar sensor chips that would meet rigorous automotive quality standards while delivering critical functionality for autonomous driving systems. This required extensive expertise in system design, hardware implementation, and thorough verification to ensure flawless operation across all components. The project needed to meet strict automotive compliance requirements while ensuring the technology would be viable for safe deployment in real-world driving conditions.

The Veriest Solution

Veriest Solutions provided comprehensive engineering services to ensure the successful development of Mobileye's sensor technology:

- Deployed expert engineering teams for implementation and verification of various Radar and Lidar components
- Implemented sophisticated design methodologies at both block and SoC levels
- Verified flawless operation of critical sensor functionality
- Ensured compliance with stringent automotive quality standards
- Maintained continuous collaboration with Mobileye's team throughout the development process

Result

The partnership delivered outstanding outcomes:

- Successfully developed cutting-edge Radar and Lidar sensor chips
- Achieved all technical specifications while maintaining automotive quality standards
- Enabled safe deployment of autonomous driving technology
- Created pathway for next-generation driving experience
- Established foundation for advanced automotive sensor solutions
- Delivered technology applicable across multiple autonomous driving applications

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"Veriest is a true partner in our projects. Veriest engineers show high professional set of skills and real commitment to their tasks."
Yehuda Adelman, VP of Mobileye's EyeC VLSI