

Customer Success Story

Verification of Innoviz Automotive LIDAR Device

The Customer Challenge

Innoviz undertook development of an advanced automotive LIDAR SoC for autonomous vehicles, facing complex verification challenges. The primary task was ensuring flawless operation of mission-critical functionality in a mixed-signal ASIC under extremely tight schedules. This required parallel design and verification of multiple chip components while maintaining the highest quality standards for automotive applications.

The Veriest Solution

Veriest Solutions provided comprehensive verification services across multiple locations:

- Deployed expert verification teams in Israel and Serbia
- Defined and implemented thorough verification plans
- Coordinated parallel verification activities across chip modules
- Maintained dynamic resource allocation to meet project needs
- Ensured seamless integration between distributed teams

Result

The partnership delivered outstanding outcomes:

- Achieved first-silicon success for complex LIDAR SoC
- Completed verification under challenging schedule constraints
- Enabled parallel development of multiple chip components
- Created pathway for autonomous vehicle deployment
- Established foundation for advanced LIDAR technology



"Veriest engineers had proven to be key contributors to our success. They showed professionalism, full dedication to the company and to the project, and in general acted the same way as if they were our own employees. Additionally, Veriest management was responsive to our changing needs and helping us by adapting the resources allocation to the project, per our dynamic requirements."

Ernan Rashkes, Verification Team Leader at Innoviz