

Enabling autonomous vehicles requires:

- Real-time multi sensor fusion
- Sensor latency compensation
- Real-time conversion of geospatial data into actionable data
- Artificial Intelligence integration
- Tight-coupling between the perception of environment and navigation data

Geodetics Advanced Autonomous Driving Technologies

Geodetics offers a full toolkit and engineering expertise to support your autonomous driving project. We offer deep experience in:

- Real-time multi sensor fusion - GPS/IMU/Camera/LiDAR
- Providing navigation data in GPS challenged environments
- Real-time LiDAR mapping and LiDAR point cloud colorization (facilitate feature classification)
- Integrating fuzzy logic and artificial neural networks into our navigation system
- Open-Architecture software, allowing customizing and meet your specific requirements



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