



LiDAR-Based ITS Management Platform

Seeyond's ITS Management Platform (SIMPL) uses advanced LiDAR technology and artificial intelligence to manage traffic, improve safety, optimize tolling and plan for infrastructure maintenance.

- Multimodal traffic detection and actuation lane-by-lane
- Customizable detection zones/virtual loops
- Contact closure and NTCIP + SDLC connectivity options



SIMPL-Intersection

SIMPL-Intersection is a comprehensive LiDAR-based solution that detects all road users to ensure a safer and more efficient traffic flow through the intersection, all while providing cities with real-time multimodal data and analytics.



SIMPL-Highway

SIMPL-Highway is designed to detect events, enhance safety and optimize traffic flow across highways and interchanges, addressing high-speed environments with precision and reliability.

A Reliable Traffic Management System



Reliable real-time multimodal data and analytics



Reliable in adverse weather and lighting



98% accuracy rate



NEMA TS2 Certified



Privacy safe

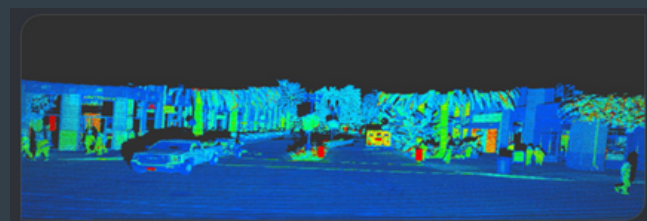


Cost-effective installation and maintenance

Seeyond LiDAR vs Other Systems

| | Inductive Loop | Radar | Camera | Seeyond LiDAR |
|----------------|----------------|----------------|----------------|------------------|
| Acquisition | Low to medium | Medium to high | Medium to high | Medium |
| Installation | High | Low to medium | Low to medium | Low |
| Maintenance | High | Medium | Medium | Low |
| Reliability | Low | Medium | Medium | High |
| Classification | No | No | No | Yes |
| Multi-Modal | No | No | No | Yes |
| Range | 0 m | 50 m | 150 m | 250 m (850 feet) |
| Low Speed | Yes | No | No | Yes |

About Seeyond



Seeyond™ is a leading global provider of image-grade LiDAR technology, powering a safer, smarter and more mobile world across the automotive, intelligent transportation, robotics and industrial automation sectors. Founded and headquartered in California, with strategically placed research and manufacturing facilities across the world, Seeyond is crafting LiDAR solutions that elevate autonomous driving and fuel the advancement of smart infrastructure development.

Contact Us

Richard Allen
Regional Business Development Director
Richard.Allen@seeyond.com

Sunnyvale, USA
650-963-9573
160 San Gabriel Dr., Sunnyvale, CA 94086

[Seeyond.com](https://seeyond.com)