

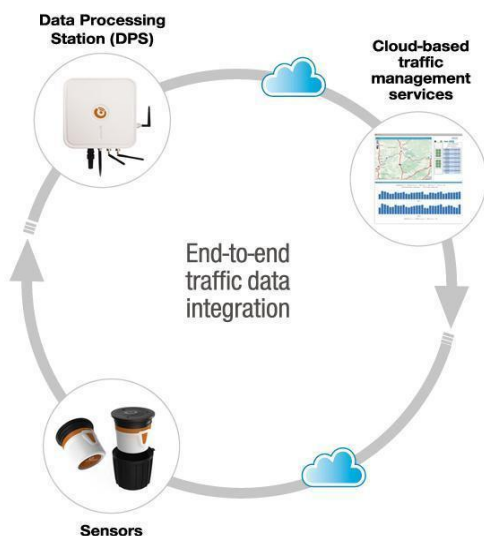


Company Presentation :

Sensefields is a provider of Intelligent Transportation Systems (ITS) for traffic management based on wireless magnetometer sensors placed in urban roads, primary highways or toll roads. The sensors can be deployed in strategic locations along the infrastructure for vehicle counting, classification and speed detection in temporary or permanent stations.

Combined with a powerful traffic data analytics platform and product tailoring to the needs of the clients, Sensefields Systems can be one of your best highway management partners for analyzing mobility in smart cities and interurban infrastructures.

Technology:



Sensefields offers an end-to-end solution for traffic management. Wireless sensors installed in the pavement detect vehicles while measuring their speed and length. This information is transmitted to a nearby Data Processing Station (DPS), which provides diverse connectivity options and serves as a local hub for management and data storage. A cloud-based system allows the management and monitoring of the infrastructure and analysis of the traffic data.

End-to-end traffic data integration

Sensors

- Uses magnetic sensors to detect vehicles in motion, accurately measuring their speed and length.
- Compact (110x100mm) rugged enclosure box.
- Requires only a minor perforation in the pavement for installation.
- 6-year battery life at continuous operation as a result of an optimized data capture and communication process.
- Sensors and batteries can be removed from the enclosure for reuse in other installations or battery replacement.



Cloud-based traffic management services (Fastrack)

- “Plug and web”: connect sensor and start collecting data without any further configuration.
- Cloud based. It is not required to install any on-premises software.
- Offers a rich API to integrate third-party applications.
- Integrates real-time data, historical data, and alarm notifications.
- Sophisticated data visualization tools to analyze key traffic metrics.