

MODERN TRAFFIC SIGN INFRASTRUCTURE MANAGEMENT



The SIGNDATA™ Platform is a cutting-edge traffic sign infrastructure management system that interfaces an agency's physical traffic sign infrastructure using embedded chip identification technology to a digital twin in a managed cloud solution.

SIGNDATA™ couples tested technology with research-based best practices for traffic sign infrastructure maintenance so you can easily comply to the MUTCD Retroreflectivity Guidelines using FHWA best practices.



Put your traffic sign infrastructure's performance data to work and make quantified data-driven decisions that improve safety while being cost-effective.

Technology | Your Sign Infrastructure on Autopilot

- RFID technology embedded between the aluminum substrate and the reflective sheeting enables field identification without line-of-sight and facilitates advanced metadata attribution during manufacturing, installation and inspection operations.
- Our cloud database and extensive API enables integration into agency GIS systems as data-validating middleware - work with trust and accuracy and maintain the integrity of your sign dataset for longer.
- Cloud dashboard for analytics and reporting at a glance - accessible from any browser, no software installation needed.
- Mobile data collection app for streamlined field operations using GPS technology updates your SIGNDATA™ in real time.



Extend the Life of Your Sign Infrastructure | Identify post and hardware failure patterns and leverage real field performance data to create localized weathering degradation models. Fine tune the expected useful life of your signs using data to justify a strategy that helps you get the most return on your investment.



Savings Opportunities

- Extending the life of the existing installed signs with localized performance data creates at least 5.5% annual savings
- Decreased sign inventory
- More focused labor force for inspections & replacements
- Better defence against tort liability lawsuits

Improve Safety, Vision Zero | Those with sign management responsibilities are entrusted by the citizenry to reduce risks to health and public safety. An effort towards these goals is adopting the Vision Zero Action Plan, which aims to reduce the number of people who die or are seriously injured in traffic crashes to zero. SIGNDATA™ helps contribute to Vision Zero's strategic initiative by upgrading and standardizing the processes agencies use to maintain their traffic sign infrastructures.

New Data, More Detailed, More Accurate | Track installations and inspections using a single-source of truth system to retain records each time an asset is touched to reveal information about aging infrastructure not currently available. This information leads to improved conditions of regulatory, warning and temporary conditions signage, ensuring safety of pedestrians, cyclists, and vehicular traffic

For more information visit
www.signdata.com

