

# Vehicle Waveform Identification System

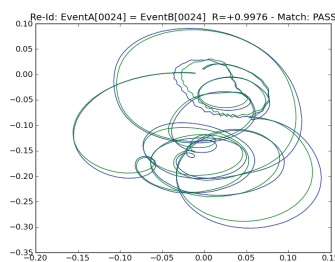
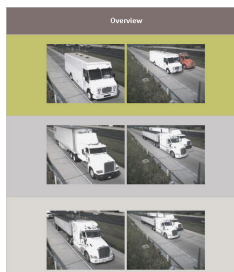


An industry leading electronic identification system that monitors and validates truck compliance

- Accurate vehicle tracking
- Identifies vehicles using their unique magnetic signature
- Cost Effective WIM Calibration Verification
- Vehicle matching rate of more than 96%\*
- Speed and acceleration independent

The **Vehicle Waveform Identification (VWI)** System is a method of electronically identifying and matching commercial vehicles (CVs) using their unique magnetic “fingerprints”. These can be collected at strategic locations on the mainline, ramp or throughout a facility, allowing matching and tracking of a specific CV with an accuracy exceeding 96%. Numerous applications exist for the use of this technology in screening, traffic monitoring and control at CV Weigh and Inspection Stations.

The Vehicle Waveform Identification (VWI) system uniquely identifies and allows matching of vehicles within the operating area of a commercial vehicle inspection site. Utilizing a serviceable in-road mounted sensor array, the VWI system collects a unique vehicle “fingerprint” for trucks of interest at a location. Data collected at various locations throughout a site is then matched confirming the vehicle movement from location to location. With matching rates of 96%, the system is ideal for confirming vehicle movement through a site, independent of speed or acceleration, and can be used to match data collected at one point with data collected at other locations.



\* All rates reflect actual cumulative results from the field, taken at all times of day and in all seasons – they are not from selective tests.

## About Intelligent Imaging Systems

Intelligent Imaging Systems Inc. (IIS) is an innovative technology service supplier and integrator of advanced imaging systems used for the enforcement of commercial vehicle regulations. We provide innovative road safety equipment and software services to government transportation and law enforcement agencies across North America. Our leading-edge inspection solutions focus on improving agency field operations in environments that demand reliability and performance against the constraints of limited time and resources.

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