SeeDOT – US DOT Number Reader

Maximum Accuracy Cutting-Edge Solution with U.S. DOT Number Reading for Automation and Collection of DOT numbers used for Truck Identification, Pre-Screening, Inspection and Enforcement/Compliance Monitoring

The SeeDOT system automatically monitors commercial motor vehicles entering and exiting controlled areas such as: Ports of Entry and border crossings, or weigh in motion stations along highways, secure parking facilities for trucking, and other sensitive installations, along with fleet management applications.

SeeDOT enables users to automatically capture, collect and read the DOT (Department of Transportation) number listed on the cab of every Commercial Motor Vehicle (CMV) that transports interstate cargo and link the information to the vehicle records. This automated reading capability allows for speedy retrieval of useful data from State and Federal Department of Transportation databases related to the commercial vehicles inspections record and license compliance. This provides benefits to the commercial vehicle operators, agencies and enforcement officers by allowing real time identification of the commercial motor vehicles along with quick retrieval of relevant information related to size, safety records and HazMat registration. High risk vehicles can be identified and focused upon.

When integrated with HTS' LPR system, SeeDOT meets the specific challenges of the intelligent transportation sector, as both the DOT number on the cab of the vehicle, as well as the CMV's license plate can be simultaneously read to effectively and accurately identify,

track and monitor the truck and its load in required sectors for the State Departments of Transportation along with POE agencies and other sensitive locations.

The output of the SeeDOT system, integrated with HTS's LPR solution, consists of the time and date, license plate number, license plate image, and USDOT number and image all of

which are captured and available to view in real-time and can be stored for later retrieval and compliance audits.

Benefits and Features

- SeeDOT can be used as a stand-alone system or as a part of a larger **solution** for end to end weigh station enforcement or secure and efficient border crossing and POE management
- Both the SeeDOT and LPR cameras are provided with integrated illumination
- SeeDOT sensors can successfully handle trucks travelling at speeds up to 50 miles per hour without degradation of performance
- It is not required for the truck or other vehicles to stop in the lane
- Improved productivity, reduced wait times, increased inspection diligence and continuity for handling of all CMV's are a few or the tangible benefits of a SeeDOT implementation

Mode of Operation

- SeeDOT will automatically read the DOT Number and the front license plate number of each CMV passing through each lane
- The system and its cameras are externally triggered by ground loop controller(s) as the vehicle (truck or other) arrives and travels through the controlled lane area
- The SeeDOT system has LPR cameras each containing its own integrated illumination for 24/7 operation, and are included to assure that the entire lane is covered (license plates can be located anywhere on the front of the truck**)**
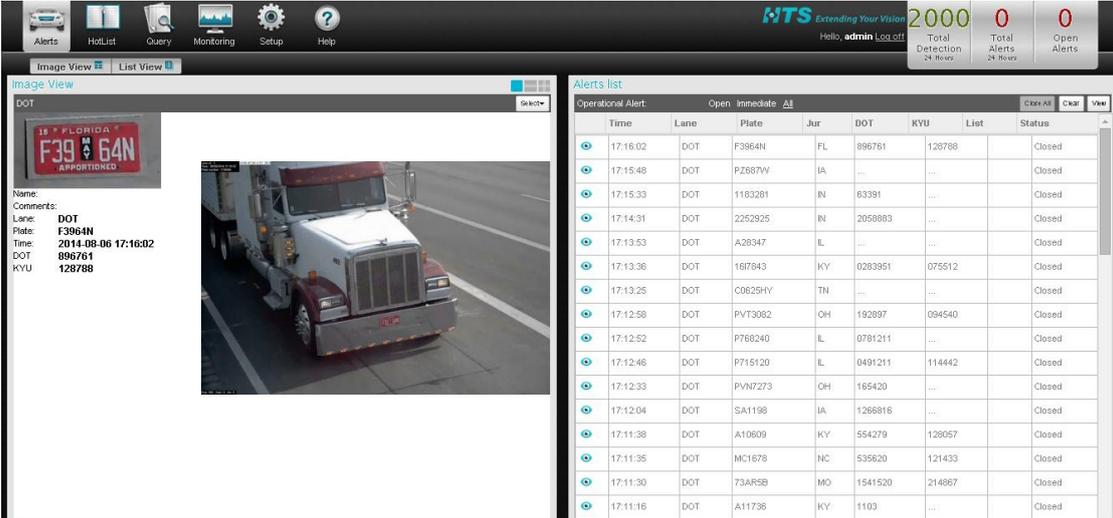
Typical Applications

SeeDOT has many other applications in addition to Weigh-In-Motion for those who want to use the vehicle's DOT and License Plate numbers for other purposes. Some of these are:

- Weigh Systems (WIM and stationary)
- Port of Entry/Border Control

- Access Control
- Security Systems
- Vehicle Scheduling Systems
- Container Port Portals and Gates
- Parking Management
- Vehicle Inventory
- Others

Typical System Components

- Digital cameras for truck side USDOT number recognition and imaging.
- illuminators
- Optional LPR cameras for front truck plate recognition with integral illumination
- Network interface card ot handle digital camera images Mounting brackets
- Cables
- SeeDOT system software application package including integrated USDOT and LPR OCR package