

TrafficVision ATMS Integration



Description

Kansas City District has been utilizing Omnibound TrafficVision as an enhancement to the KC Scout Traffic Management Center operations since 2012. TrafficVision provides real-time, video surveillance and automated incident detection utilizing KC Scout’s existing CCTV technology, proving invaluable for areas where there are gaps in continuous vehicle detection sensor coverage. Each appliance is capable of monitoring up to 24 configurable cameras. Each connected camera can monitor multiple lanes and opposing directions for stopped vehicles, slowed traffic, wrong-way drivers, etc. TrafficVision is a web-based user interface and was used in KC Scout for three years as a separate tool in incident detection. Using CMAQ funding, KC Scout spearheaded integrating TrafficVision’s traffic monitoring technology into our existing Traffic Management System. Now when an incident is detected, our TMC operators are instantly alerted via pop-up snapshot image through KC Scout’s ATMS event receiver. Within one click the operator can create and manage the incident.

Benefit

Using TrafficVision improves detection, notification and response time and reduces the likelihood for secondary incidents. It enhances operator performance, job satisfaction and is easy to configure with any KC Scout CCTV. It can be used for 24-7 monitoring of special events and work zones.

Materials and Labor

Materials: \$19,735 (20 percent of the total integration cost of \$98,674)
Labor: None for MoDOT staff, 776 hours for TransCore staff.

For More Information Contact:

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Additional photos can be seen by accessing the Innovations Challenge SharePoint page at: <http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx>.