

Remote Access to Dash Cameras



Description

Dashcams were installed in the Emergency (ER) Response trucks to capture video of incidents to be used later for After Action Reviews. The dashcam had the ability to be broadcast 'Over the Cloud'. After looking at the capabilities to connect them wirelessly to a cellular modem, and performing a workaround to connect directly to the dashcam from the MoDOT network, we were able to bring the video into our TransSuite Advanced Traffic Management System (ATMS) software for the TMC Operators to view the live video from the front and rear dashcam.

Benefit

To install a CCTV camera (\$>2,000 each pole costs) to monitor every mile of MoDOT's roads for Incident Management would be cost prohibitive. The TMC operator is able to see the scene of the incident, saving time by not having to wait and confirm with the ER operator to pass along information at the incident. The dashcam gives the ability to view the scenes of traffic incidents, traffic queues, and monitor the ER operator when working outside their vehicle next to traffic.

Materials and Labor

Material costs are: \$389 for the camera, \$799 Cellular Modem with Wi-Fi, \$38.45 Cellular GPS Antenna and \$41.91 per month for modem. Total amount of labor is 1 hour.

For More Information Contact:

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