InnovationsShowcase

Scout Waze Integration
[Video]

Description

The Kansas City Scout Traffic Management Center has worked with a private company, Waze, to automatically accept crowd-sourced incident information along freeways so KC Scout operators can quickly respond to incidents that affect traffic along the freeways in the Kansas City region. Waze is private company that utilizes trusted app users in the field to quickly report incidents along the freeway. In effect, Waze field reporters gives Scout staff and additional free 100 plus eyes on the roadway to quickly report incidents that can block lanes and adversely affect the transportation network in the Kansas City area. Now that the data feed is connected to Waze, there are additional benefits that could be leveraged. For instance, pot hole information reported by Waze can be summarized and provided to maintenance staff at routine intervals. It entirely depends on who wants the Waze information and how do you need it filtered.

Benefit

The KC Scout Traffic Management Center has connectivity to over 350 cameras in the Kansas City metropolitan area. And, there is not enough staff or room at the TMC to closely monitor every camera and rely on that image to be the first notification about incidents in the region. The large number of Waze users gives the KC Scout TMC free help that can provide immediate notification of incidents and over hazards on the roadway. Waze notifications are automatically entered into the Scout Event Management Receiver window on the operator's screen at the TMC, but first the TransCore software filters out the incidents that are not located on the freeway along with the minor incidents that do not seriously affect traffic flow. These software filters enable better overall situational awareness along MoDOT's freeways without inundating the KC Scout operators with much useless information.

Materials and Labor

The consultant software development work was $28,000 that was incorporated into KC Scout's annual Advanced Traffic Management System software maintenance budget with TransCore.

For More Information Contact

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Additional information, photos or videos can be seen by accessing Innovations Challenge SharePoint page at: http://sp/sites/tp/planpol/SitePages/InnovationHome.aspx