

PUSH 511

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Due to the dangers of distracted driving and the general inconvenience and time required to input data request in today's 511 system; we are suggesting the modification of 511 processes to accommodate the individual driver's preferences and specific location with a "hands-free" push 511 system. This system approach could also benefit the managing agency by reducing 511 maintenance staff cost and releasing agency staff from direct interface with 511, HAR, RWIS, etc. thus making the agency staff more efficient.

The premise is the creation of a single central traveler information database or traveler data fusion center per region or area that accepts inputs from that area's appropriate sources including, but not limited to, RWIS, NOAA, snow plow communications links and agency input such as incidents and construction MOT, etc. The fusion center shall perform data storage, data logging and allow stakeholders that generate critical traveler information data to deliver datasets through an open standards interface to all approved commercial and agency traveler information systems with the sole function of disseminating traveler information to the public by way of an smart application that automatically pushes out specific desired data to subscribers via smart phone applications and/or the internet. Data will be delivered to smart phones hands-free by text to speech and shall be based on the users stated preferences of what data he/she subscribes to receive.

Goals of the system would be to reduce 511 management cost by way of automation, create a more efficient traffic management system, and ensure accurate and up to the minute updates to the traveler information system.