

Dynamic Mobility Application: *Integrated Dynamic Transit Operations (IDTO)*

- **Pre-Prototype Development/Demonstration Activities/Products**
 - *Assessment of Relevant Prior & Ongoing Research*
 - *Stakeholder Input on Transformational Goals, Performance Measures, User Needs*
 - *Concept of Operations*
 - *Functional/Performance Requirements and Data/Communication Needs*
 - *Test Readiness Assessment*

- **Contractor:** Science Applications International Corporation (SAIC)

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- **Prototype Development/Demonstration**

- *IDTO Applications*

- *Connected Protection*: *improves the probability of making successful transfers between vehicles*
 - *Dynamic Transit Operations*: *provides improved real-time planning and travel for a passenger by enhancing demand/response service to include real-time scheduling and routing with multimodal, multi-vehicle transfers.*
 - *Dynamic Ridesharing*: *provides for real-time ridesharing by facilitating driver/passenger information exchange using smartphones.*

