



## USTRANSCOM Science and Technology

### Autonomous Mobility Appliqué System (AMAS) - Joint Capability Technology Demonstration (JCTD)

**Project Summary:** AMAS will automate the driving of the equipped vehicles and provide the warfighter with a capability to employ unmanned autonomous vehicles within a convoy or, when manned, reduce the driving task load on the operator leading to increased situational awareness and improved safety. The additional safety features will be available in multiple or single vehicle operation leading to reduced accidents in all operational scenarios.



**Return on Investment:** AMAS is designed to relieve the operator from performing many tedious driving tasks, thus providing the opportunity to concentrate on accomplishing other critical tasks. Being free to monitor the environment provides improved situational awareness and provides opportunities to operate other critical systems such as communication and weapons, which will allow safer and more successful operations.

**Duration of project:** FY11-FY16

**Participants:** United States Transportation Command (USTRANSCOM), United States Army, United States Marine Corps

**Transition:** Prototype autonomous vehicle control will be transitioned to the Service Users through residuals. These residuals will be delivered to the Army and Marine Corps for extended user evaluations.