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# Vehicle Dynamics Monitoring



## Expected Results

A small, low power, position and dynamics logging system with integrated mapping and INS path generation.

## Expected Benefits

- A low-cost solution to replace high precision GPS systems
- INS path generation for position determination during GPS denial
- Improved ground damage models
- Environmental restoration

## Problem

Vehicles can have severe impact on the environments in which they operate. The Army requires a Vehicle Dynamics Monitoring system to map, record, and analyze vehicle movements to model their impact to the environment.

## Solution

- Small, low power, MEMS INS/Magnetometer with GPS Vehicle Dynamics Monitoring system

## Contact Data

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