

Subject: IDOA Request for Information – Automatic Vehicle Location (AVL) & Telematics

Background

The Indiana State Police (ISP) currently utilizes several software platforms that provide Automatic Vehicle Location (AVL) capabilities for vehicles assigned to patrol functions. These systems support operational awareness and officer safety by enabling real-time tracking when the vehicle is equipped and actively connected.

Current Uses

ISP's Computer-Aided Dispatch (CAD) system displays the location of patrol vehicles; however, this functionality is only available when a Trooper is logged into and actively using the CAD system.

Non-patrol vehicles—including administrative, specialty, and “pool” vehicles—are not equipped with AVL technology and therefore cannot be located through any existing system.

In addition, ISP can identify the location of individual Troopers through their portable radios when powered on, using Motorola's software platform. While helpful, this method does not provide vehicle-specific tracking or operational data.

Current Needs

ISP seeks a comprehensive telematics and AVL solution capable of providing:

- **Real-time vehicle diagnostics** (engine status, fault codes, maintenance alerts)
- **Mileage and utilization data**
- **Run time and idling information**
- **Continuous location tracking**, regardless of CAD usage
- **Coverage for all vehicle types**, including non-patrol and unassigned “pool” vehicles

A unified telematics platform would allow ISP to efficiently locate and manage vehicles, improve fleet oversight, enhance operational readiness, and support data-driven decisions regarding maintenance, deployment, and future fleet investments.

Demo Participation

ISP is interested in participating in a demonstration involving patrol, non-patrol, and unassigned vehicles. The goal of the demo is to evaluate system performance, data accuracy, ease of integration, and overall operational benefit.