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Patent Search

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Abstract:

A method dependent on in-the-moment data gathered by a fleet management system. All of a fleet's cars are wirelessly linked to the command centre at once. Deper message, the central control centre receives information that pinpoints the location of a vehicle that matches a certain criteria in real time. All of this data is stored at centre. Fleet management tools and reports that use messages indicating the location of the vehicles, such as GPS coordinates, typically receive responses in real tim close to real time.

Complete Specification

FIELD OF THE INVENTION
The invention described herein has broad applicability and relates to asset management systems; more specifically, it relates to a system for tracking the location al status of a fleet's vehicles in real time and facilitating two-way communication between vehicles and a central dispatch or expediting hub.

DISCUSSION OF THE PRIOR ART:
Vehicles as varied as cars, vans, trucks, planes, helicopters, ships, and even trains can all be monitored with the help of a fleet management system. Maintenance, tu diagnostics, boosting driver performance, regulating speed, and managing fuel use are just some of the many uses it has. Businesses that rely on transportation ca benefit greatly from fleet management because it allows them to reduce or eliminate the risks associated with purchasing and maintaining vehicles, boost efficiency output, cut down on overhead expenses related to transportation and personnel, and more. These responsibilities could be handled internally or by a third-party fle management company.

From 2009 to 2014, the number of fleet management units used by India's commercial fleets will double, from 1.5 million to 4 million. While overall adoption is low single digits), sectors like road transport will see rates of more than 31%. All of the industry's leading truck manufacturers currently offer aftermarket telematics sys that are compatible with OEM hardware. In the 1990s, Mercedes-Benz, Volvo, and Scania were the first to produce trucks; in the 2000s, MAN, Renault, DAF, and IVEC entered the market. Although all 5 products are FMS-compliant and can be used in shared fleets, some features may be brand-specific. Technology for remotely

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