

Vehicle Monitoring

GSA Fleet is excited to introduce expanded vehicle monitoring solutions. GSA Fleet now has multiple vendors in five solutions categories for vehicle monitoring with many more options and capabilities than before.

All monitoring products include a customer specific web account that displays vehicle tracking and monitoring information. No software is needed to view the information and it's available online anytime. All vehicle information is transmitted wirelessly by either cellular or satellite communication - ideal for customers who operate in remote locations. The in-vehicle equipment is installed by authorized vendors and, in most cases, can be installed on new vehicles before you pick them up.

Monthly Vehicle Monitoring Rates

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|-------------|--------------------|
| Category 1 | \$22.50 to \$32.50 |
| Category 2 | \$25.00 to \$47.50 |
| Category 3a | \$30.00 to \$45.00 |
| Category 3b | \$37.50 to \$47.50 |
| Category 4 | \$27.50 to \$52.50 |
| Category 5 | \$32.50 to \$52.50 |

Prices vary in each category based on vehicle age and type, required capabilities and quantity.



Category 1 GPS Vehicle Tracking

Fleet managers can monitor the location of their vehicles in real-time by logging on to a user accessible website. The GPS location is recorded approximately every 30 seconds and uploaded to the website every few minutes. This solution allows managers to immediately track vehicle location, route deviation, as well as recent stops. Alerts by email and text message can be sent to managers to notify them of speeding, geofence violations, off-hours use and more. Additionally this solution can track idle times and report the statistics to managers, helping to reduce fuel costs. The tracking information can be viewed in reports and help managers create useful statistics that can be used to make your fleet more efficient and safe. Four vendors offer basic GPS tracking: DriveCam, Networkfleet, Trimble and WebTech.

Category 2 GPS Tracking with Diagnostics

The pairing of vehicle monitoring with diagnostics offers the same capabilities of basic GPS tracking with additional information supplied by the engine computer. Fleet managers can setup to have engine diagnostics reports delivered to their email showing the current condition of the vehicle, odometer readings, idle time, emissions information and speed data. All of which can be used to help improve operating costs, fuel consumption, and improve maintenance and safety costs. An additional feature that can increase fleet efficiency is sensor monitoring (known as PTO monitoring). This capability allows you to monitor the usage of a particular action such as the opening and closing of doors or utilization of the lift gate on a school bus. With Vehicle Monitoring with Diagnostics, your fleet has many useful tools at its disposal that will help your fleet become greener as well as keep your vehicles operating efficiently. Three vendors

offer vehicle monitoring with diagnostics: Networkfleet, Trimble and WebTech. Trimble also offers a satellite communication model in addition to the traditional cellular model.

Category 3a Vehicle Monitoring with Driver ID

Ideal for fleets with many shared vehicles, this solution combines the GPS capabilities of Category One with Driver ID technology. This technology allows a fleet manager to track every driver of every vehicle. Via the usage of key fobs for the drivers or in-vehicle devices, a fleet manager can track who is, or was, driving any given vehicle at any particular time, as well as limit who can operate which vehicles. Vehicle location is also tracked in real time, and all data is available on a customer-accessible website. The data is updated every five minutes. In addition to identifying the driver, this technology has the ability to report on location, fuel usage, geofence violations, and much more. Reports are exportable in varying formats, and can be viewed by individual driver or vehicle. Data is automatically transmitted to the website and requires no customer intervention. Two vendors offer vehicle monitoring with driver ID: WebTech and Trimble.

Category 3b Driver ID with Vehicle Diagnostics

Providing the same Driver ID capabilities as Category 3.a, this offering combines Driver ID technology with the Vehicle Diagnostic capabilities of Category 2. In addition to tracking who is driving the vehicle, this category will provide reports on a variety of aspects, such as fuel usage, hard braking events, jackrabbit starts, conditions of electric systems, and PTO events. All data will be automatically transmitted to a customer-accessible website every five minutes.

Category 4 In-Vehicle Video Recording

Managing your fleet has just been made easier with the introduction of in-vehicle video recording. This solution uses inward and outward facing cameras to record the driver's behavior as well as the vehicle's surroundings. The device saves the footage from several seconds before and after a sudden movement occurs, such as sudden stop or hard turn. The

monitoring equipment uploads these captured events and posts them on the web account within 48 hours of the last captured event. Additional capabilities can include a managed service that reviews and scores the videos and driver coaching. Two vendors offer in vehicle video recording: DriveCam and Smartdrive.

Category 5 Instant Driver Feedback

This visual feedback device helps improve driver safety by providing an indicator to drivers when they engage in unsafe driving behaviors. This system provides an immediate, private, in-cabin indication via light activation within the driver's line of sight. The feedback device is designed to track and report harsh braking, sudden acceleration, cornering/high speed turns, unsafe lane changes, and speeding (with a pre-determined speed threshold). It has been shown to improve driving behavior significantly without making drivers feel like they are being monitored. Benefits of instant driver feedback include: reduced risk of accidents, reduced insurance claims, reduced vehicle maintenance costs, and improved operational efficiency. Reports are available to management, including driver performance reports, geofence perimeter and violation reports, vehicle diagnostic reports, fault code alerts, service reports, and much more. Three vendors offer instant driver feedback: Smartdrive, Trimble, and WebTech.

Ordering Vehicle Monitoring

All vendors have training available to end-user customers on web applications, as well as provide technical assistance for in-vehicle equipment and web-based services.

Orders will be based on customer requirements, not what vendor a customer prefers, so that the best solution can be provided. However, customers that already have vehicle monitoring devices installed on some of their vehicles may make best value determinations to select the same provider when ordering additional devices.

If you would like to order vehicle monitoring for your GSA vehicles or have any questions about vehicle monitoring, please talk to your FSR or email fleetsolutions@gsa.gov.