Ten Ways GPS-Powered Fleet Intelligence Can Optimize Your Operations
One of the simplest, most cost-effective ways to better protect your people and your fleet – while improving your bottom line – is the power of Fleet Intelligence technology.

While GPS tracking is the most well-known feature of a Fleet Intelligence system, CalAmp's proprietary software delivers far more than real-time location data.

It's one of the most affordable and flexible ways to protect your most vital assets: your people, your vehicles and your assets. In that order.

We know people come first and have designed our solution around serving your team first, and then your fleet.

Fleet managers can efficiently monitor and manage maintenance responsibilities, fuel card usage, vehicle and equipment location history and more, delivering significant improvements in safety, savings and service. We deliver a safer, smarter and more efficient workforce.

When taking advantage of the majority of the features and possibilities below, some fleets realize enough savings to cover the cost of their GPS-enabled fleet intelligence investment. But even without that hard savings, we know there’s a powerful peace of mind fleet leaders achieve when they know they’ve got the right technology to protect their people and make data-driven decisions.

CalAmp has developed intuitive and powerful solutions for cities, counties, state agencies, school districts and universities more than 40 years.
Some of the most common ways fleets leverage our technology to improve their operations:

1/ Fleet Intelligence extends the life of vehicles and equipment:
Customers rotate vehicles to evenly distribute mileage to avoid over-utilization

2/ Fleet Intelligence enhances driver safety:
Customers report less speeding once employees know their vehicles are monitored

3/ Fleet Intelligence reduces fuel and maintenance spending:
Less idling, less speeding and increased productivity equals less fuel spend

4/ Fleet Intelligence tracks (and recovers) your (costly) assets:
A Florida municipality recovered a stolen trailer and equipment valued at $100,000

5/ Fleet Intelligence protects your employees:
A New Jersey city exonerated a driver following a snowplow accident

6/ Fleet Intelligence can automate driver check-in:
Geofence your office and get alerts when drivers arrive and depart

7/ Fleet Intelligence protects against insurance liabilities:
A Florida customer had the factual data to protect against a false insurance claim

8/ Fleet Intelligence improves customer communication:
Utility fleets leverage outage software integrations (APIs) to respond faster to downed power lines

9/ Fleet Intelligence is essential in disaster preparedness and response:
City and county fleets pre-position cherry-pickers ahead of hurricanes

10/ Fleet Intelligence creates smarter emergency management:
A New England city coordinates with local ambulance teams to plow snowy streets ahead of ambulance runs
How we optimize your operations from the garage to the field and beyond:

1/ Fleet Intelligence extends the life of vehicles and equipment

Your fleet represents one of the most capital-intensive aspects of your operation. After investing in a new truck, cherry-picker, backhoe or other costly vehicle, it’s vital your department maximizes its investment by extending its life as long as possible. CalAmp’s Fleet Intelligence software helps prolong vehicle life by monitoring usage hours, driving habits and more, delivering more effective lifecycle management.

Customers use our software to ensure a more even usage distribution over time by alternating out high mileage vehicles with other lesser or even under-utilized assets.

This helps you determine the right time to buy along with how long to retain an asset before selling, maximizing efficiency at the jobsite and resale price at the auction.

2/ Fleet Intelligence enhances driver safety

Regardless of the fleet you manage, driver safety is always paramount. A Fleet Intelligence solution will ensure your employees operate vehicles and equipment in a way that promotes a safe environment for your entire crew and the surrounding community.

You’ll know immediately if employees are operating vehicles and equipment recklessly or at an excessive speed. With dynamic alerts and historical reporting, Fleet Intelligence empowers you to create a culture of accountability and take action to prevent harm to people and property.

3/ Fleet Intelligence reduces fuel and maintenance spending

Fuel and maintenance costs play a major role in calculating your total cost of ownership (TCO). Absent visibility into how your vehicles are operated and maintained, you’ll likely see a higher TCO.

CalAmp’s Fleet Intelligence delivers reduced fuel costs by monitoring vehicle fuel economy and engine idling. If one of your employees is idling for an extended period of time or wasting fuel by traveling at high speeds or braking and accelerating harshly, you’ll have the info to address it.

Fleet Intelligence technology can cut maintenance costs through more advanced engine diagnostic alerts. If a vehicle displays a fault code—such as a check engine light—you’ll receive a notification, enabling you to proactively manage minor repairs before they become major.

Not only will you save money, you’ll be ensuring the vehicles and equipment your fleet counts on remain in the field instead of at a repair facility. Greater insight into fuel and maintenance means greater productivity and a healthier bottom line.
4/ Fleet Intelligence tracks (and recovers) your (costly) assets

Another costly problem that has affected virtually every fleet is lost or stolen vehicles and equipment. Missing assets are expensive to replace, not to mention the costly project delays that come with not having the necessary tools or equipment on-site to complete a job.

With asset tracking from CalAmp, you can instantly locate any company property, from vehicles, to skid steers, to electric generators, to jack hammers and drills. A Florida municipality recovered a stolen trailer and equipment valued at over $100,000 with our application.

When adding a built-in battery device tracker you can locate virtually any piece of equipment, not just gas-powered machines.

So, when that major flood arrives suddenly, you’ll know where all of your assets are immediately.

5/ Fleet Intelligence protects your employees

Fleet Intelligence solutions can not only show you a vehicle’s location but also its speed. In the event of an accident, this data can be critical to helping you protect your most valuable assets – employees.

A New Jersey City used this data to help exonerate a driver after an unfortunate accident that occurred during an ice storm. The driver had been accused of speeding, but using Fleet Intelligence from CalAmp, the city determined the driver was driving well below the posted speed limit.

Without a Fleet Intelligence solution, that driver may have been suspended – or worse. Thanks to the CalAmp fleet intelligence solution, the city confirmed the drivers’ innocence and protect his job.

And save the city a potentially costly legal settlement.
Fleet Intelligence can automate driver check-in

At the core of streamlining fleet operations is automating daily tasks and activities. Fleets which find themselves using outdated technology or spending too much time on manual processes are in a prime position to benefit from Fleet Intelligence solutions.

A Virginia fleet leverages CalAmp’s software to automate their daily driver check-ins. They simply created a geofence around their headquarters, and now they receive entry and exit alerts when drivers start and end their day. They’ve been able to effectively eliminate the need for in-person check-ins, saving them valuable time and money. It started with a need for COVID-19 protocols for social distancing but has driven larger productivity gains.

Other customers do the same with jobsites, delivery routes, customer offices and more. With Fleet Intelligence, companies can work smarter, not harder.

Fleet Intelligence protects against insurance liabilities

While insurance is a legal requirement that helps to protect your employees and fleet, it also defends your company in the face of wrongful accusations.

Many customers use objective data to verify or contest insurance claims. Fleet managers can defend employees who are, more often than not, driving appropriately. With the right data, it’s easier to protect your employees and your fleet.

Fleet Intelligence also bolsters your insurance protection. If a worker takes a company vehicle off-site for non-work-related reasons, you might not be fully protected if an accident occurs—especially if a passenger who’s not an employee is injured. With CalAmp fleet technology, you can ensure that company vehicles are tied to company use.

Some of our customers report an immediate five percent reduction in insurance costs by simply adopting a GPS-powered Fleet Intelligence system. Add that to the fuel savings and the potential for other operational efficiencies, and it’s easy to see how the savings can potentially cover the cost of our solution.

Fleet Intelligence improves customer communication

For utility fleets, tracking vehicles with CalAmp’s Fleet Intelligence software enables you to locate any vehicle at any moment, ensuring faster response times during critical weather events.

Fleet Intelligence solution enables you to display the location data for your entire fleet and in popular third-party outage management applications, and vice versa. If there’s a downed power line, you can quickly see which vehicles are closest and dispatch accordingly.

And when a city leader calls and says they want to make an impromptu visit of a crew repairing potholes or replacing a broken sewer line, you’ll be able to send them to the exact right location. Fleet Intelligence help fleet managers ensure the right vehicles are in the right place at the right time.
9/ Fleet Intelligence is essential in disaster preparedness and response

CalAmp’s Fleet Intelligence solution helps customers turn disaster response from reactive to proactive. Each summer, one of our customers in a populous Florida County has the daunting task of preparing for hurricane season. They pre-position vehicles ahead of storms to guarantee coverage countywide if (and when) roads and bridges become impassable.

Another customer uses the same solution to better manage their snow trucks, optimizing their limited snowplow fleet to cover more roads and reduce overlap in plowing routes.

From the Sunbelt to the Snowbelt, Fleet Intelligence provide fleet managers with the real-time info they need to perform more effectively when it matters most.

10/ Fleet Intelligence creates smarter emergency management

When it comes to emergencies, every second counts. Fleet Intelligence plays a critical role in an effective emergency management strategy by providing timely, actionable information in real-time.

CalAmp’s solution helps a city in New England more effectively monitor and manage snowplows during the snowy winter season. If a resident needs emergency services, the city’s fleet managers use our software to locate and dispatch the nearest snowplow to ensure EMS vehicles can access the home. Often, the snowplows have cleared a safe path before EMS even arrives at the scene.

Fleet Intelligence from CalAmp allows you to manage everything from snowplows and backhoes to pool cars and trucks from a single, intuitive application. With the ability to instantly locate every vehicle or asset in your fleet, fleets are poised for quicker and more coordinated emergency response.
About CalAmp

CalAmp (Nasdaq: CAMP) is a connected intelligence company that helps people and businesses work smarter. We partner with transportation and logistics, industrial equipment, government and automotive industries to deliver insights that enable businesses to make the right decisions. Our applications, platforms and smart devices allow them to track, monitor and recover their vital assets with real-time visibility that reduces costs, maximizes productivity and improves safety. Headquartered in Irvine, California, CalAmp has been publicly traded since 1983. We have 22 million products installed and over 1.3 million software and services subscribers worldwide. For more information, visit calamp.com, or LinkedIn, Facebook, Twitter, YouTube or CalAmp Blog.

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