

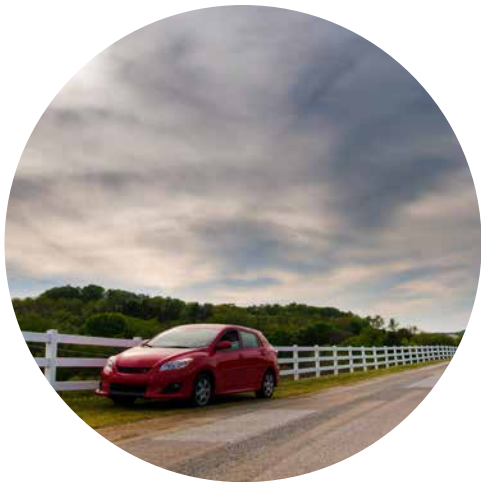
You Want to Improve Operations **How do you do that?**



“Our street was not swept this week!!!” How do you handle this kind of call today?



We just received a call that a tree branch is blocking a street. We need to move it ASAP! Which is your closest available crew?



A citizen called to say your crew is parked and has not been working for over two hours. How can you verify and respond?

LiGO  [®]
Connect Your World
Mobile Resource Management

In today's world of cell phones, videos, and a connected public, many jurisdictions are wondering how they can be **accountable and transparent**.

For instance, a resident reports seeing city employees at the same restaurant multiple times during the week and sends pictures of them to a city official. How can you respond?

On the right are examples of questions that might be asked and how a Mobile Resource Management System can assist in responding to inquiries and providing transparency. These kinds of questions are ad-hoc so planning for them is difficult. LiGO provides real time and historic location-based information to help you respond to these types of requests. LiGO can give the answers you need.

- **Where was Crew #2 at 10:30 am this morning?**
- **When was Dixon Street last swept?**
- **When did our staff arrive? When did they leave?**
- **Did Maintenance Crew #3 visit all our hydrants?**

Mobile Resource Management – beyond basic AVL

LiGO goes beyond the traditional AVL data collection systems by delivering usable information to help manage your mobile resources quickly and securely “in the cloud”. In addition, LiGO:

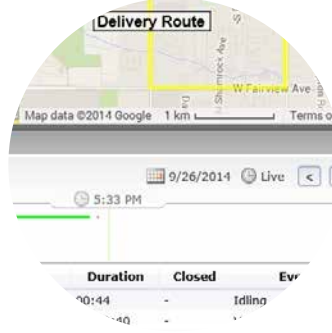
- **Tracks information to support time and work management**
- **Captures g-forces used to measure harsh driving events and sends alerts when incidents occur**
- **Has a built-in map-based interface designed for non-technical users with optional for Esri GIS integration**
- **Provides real-time and historical data in a variety of ways:**
 - * **Map**
 - * **Email**
 - * **Text**
 - * **Reports**



From Data to Information to Better Decisions



Observe Vehicles



Analyze Routes



Improve Operations

- **Respond to Complaints, Past and Present**
- **Analyze Efficiencies**
- **See Your Operations in a New Way**
- **Be Accountable – Hold Others Accountable**



History or Real-time – *Why Not Both?*

Use alerts to help manage by exception – “just let me know if someone has been idling over an hour”.

Track vehicles and see where they have been, and how long it took to complete a route.

Use exception reporting to spot trends and analyze data to see if there is room for improvement.

Find out which vehicles were in a certain area at a particular time.

Other Modules:

Dispatch – find the closest vehicle, assign the job, and send a text or e-mail with turn-by-turn directions.

Maintenance – track vehicle data to know when the next service is due.

Esri GIS Integration – See your GIS layers within LiGO.

MarshallGIS – Experience Counts!

- 20 years of Public Sector Focus
- Connecting GIS, People, and Operations
- In-House Technical Expertise
- Proven Delivery with Immediate ROI

Our Services:

Professional consulting - our customers know they can count on us to listen to their needs and help them implement the right solution.

Advanced reporting and mapping to meet specific business needs.

Professional Training Services – for administrators and end-users.

Integration with other business systems (i.e., work management GIS, fleet and more).

M2M Connectivity Solutions – takes the human error element out of data collection.



CONTACT

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“If LiGO’s fleet utilization metrics can help the City forego the purchase of one dump truck, the savings from this one use case alone will pay for the LiGO service for the City’s entire fleet for years”

– City Fleet Manager

“LiGO is working great for us. It is helping us respond to citizen street sweeping inquiries and general operations management activities like checking times crews are returning from the field and time spent at various job locations such as the clean out pond.”

– City Streets Operations Manager