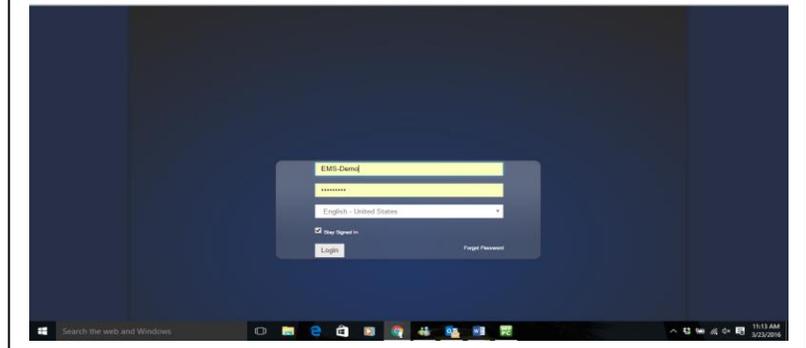


## 29102 EMS-2 Edson Pump Monitor System

### General Overview:

The **29102 Edson EMS-2** is designed to track and monitor the usage of both fixed stations and mobile pump out equipment (boats and carts). The system can monitor, generate reports and send alerts for many different operations. "Pump On/Off", "Gallons Pumped", "Real Time Location" (GPS), "Low Voltage", "Service Pump", and "Power Outage" and more. It can monitor mobile units, with all the above, and additionally, "In State/Out of State" use, "Bilge Alert" "Holding Tank Full", "Ignition On" (boat motor), and even "Geofence Alerts". This unique system can be updated and be expanded to report other parameters as well. Alerts can be sent to several emails and/or phone numbers via text message. The user can decide what and who gets alerted.

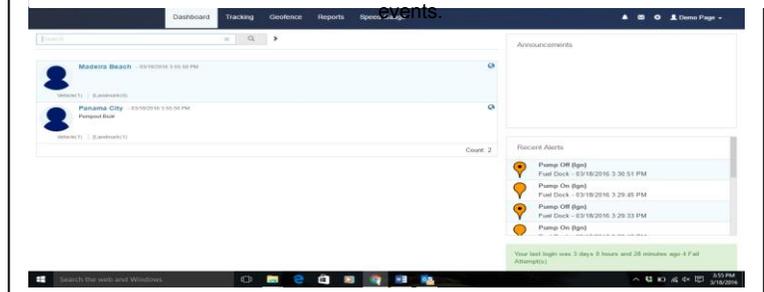
Individual login credentials to limit access to creating, viewing and editing monitor.



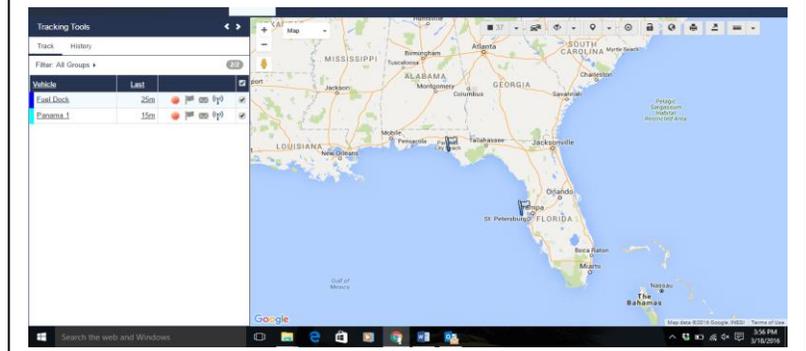
### Features:

- Sealed NEMA 4 weatherproof enclosure
- Sealed communication cable connection
- Expandable for future needs
- Compact design fits inside most existing control panels. No need for a second box
- GPS/Cellular antennas with 6' cables
- 12VDC Power supply included
- Built in battery back-up
- Indicator light to show when connected
- 1 year data plan, 2 year optional
- Easy installation to existing pump out stations, boats and carts.
- Able to monitor pressure/vacuum sides of the pump to alert of clogs or leaks in the plumbing
- Can be integrated with flow meters for a more accurate report. (optional)

Track all of your systems from one page by "group". Screen shows most recent alerts or events.

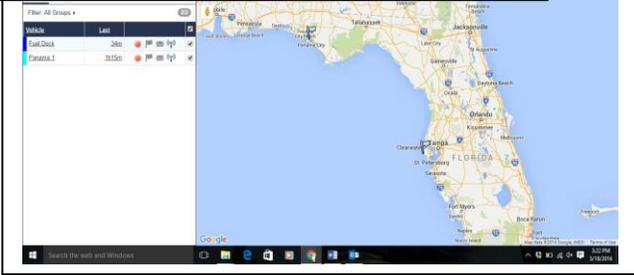


Real time location can help boaters locate the nearest pump out station. Even if a monitor is not installed, the marina with a pump out can be placed on the map as a location tag. Boaters can be provided with a guest login to show marinas locations.

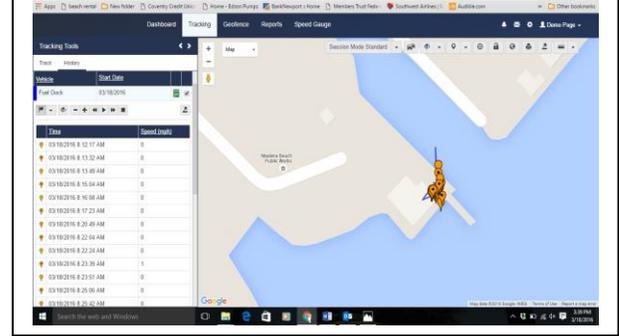


\*\*see next page for additional screen shots

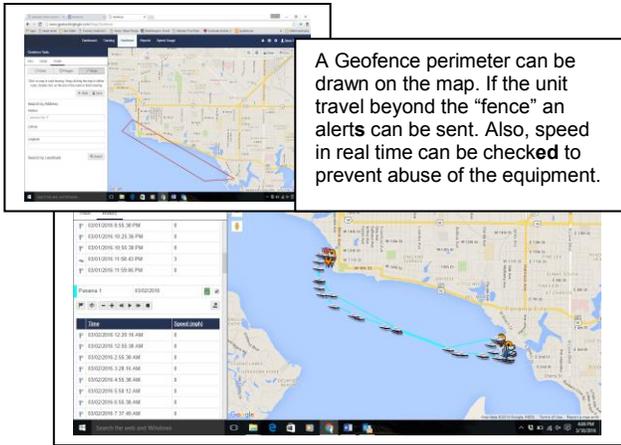
GPS pin points location of pump out stations on a google map. Non-monitored stations can be manually added to create a location tag so boaters that are logged in can find virtually any marina with a list of services.



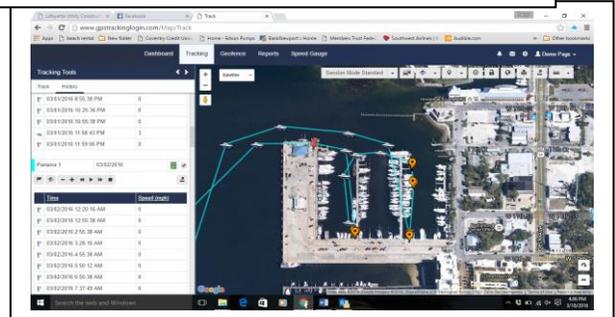
Current activity as well as history can be easily viewed



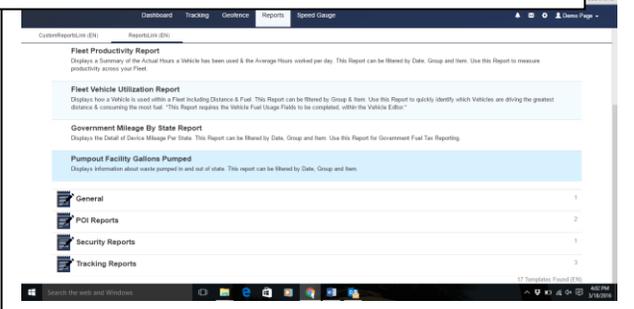
A Geofence perimeter can be drawn on the map. If the unit travel beyond the "fence" an alerts can be sent. Also, speed in real time can be checked to prevent abuse of the equipment.



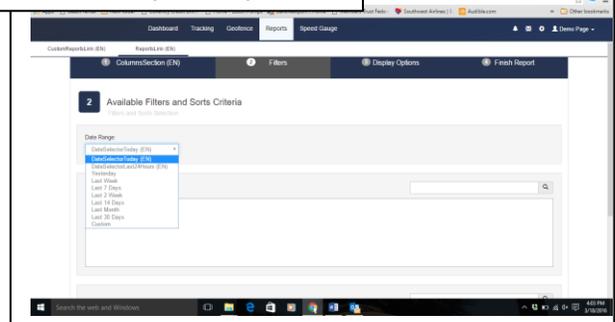
Details can be displayed as a satellite view. Making it easy to track what slips have been serviced.



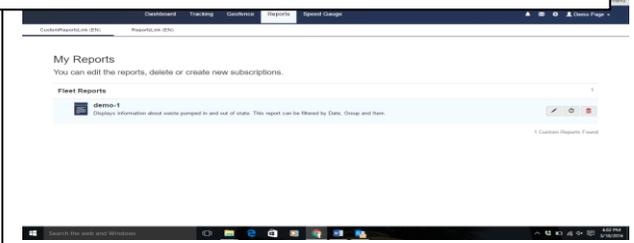
Reports are simple to produce. Pump total run time, individual pump run times, maintenance alerts and much more. Custom forms can be made to display specific information.



Reports can be for preset history, or a custom date range can be generated.



Reports are saved with your login so history is easily recalled



Reports can be exported into several different formats such as Microsoft Excel for searching

