

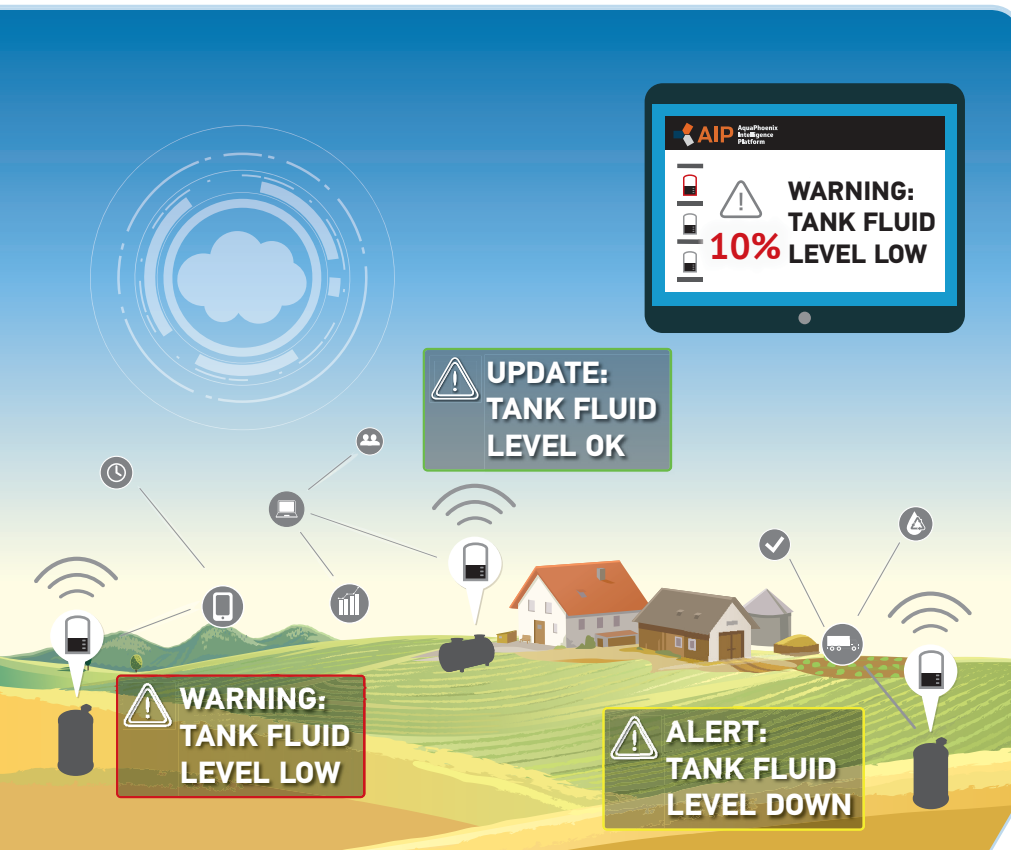
# Submersible Pressure Tank Monitoring System

**TankScan** | Powered by AquaPhoenix

A submersible pressure sensor is fully integrated with a battery powered tank monitor, which can be installed in hazardous locations where network power and connectivity infrastructure are not available.

The monitor uses the 4G LTE cellular network, has a durable weather-proof enclosure and is battery powered with an estimated 3 year battery life.

The submersible pressure monitors are ideally suited for remote customer tanks that are located in climates down to -22° F. The monitors measure once per hour and upload the measurements once per day. A manual and immediate measurement can be triggered by a magnetic switch.



## Optimize your routes

Accurate tank data ensures just-in-time collections and deliveries.

## Optimize your efficiencies

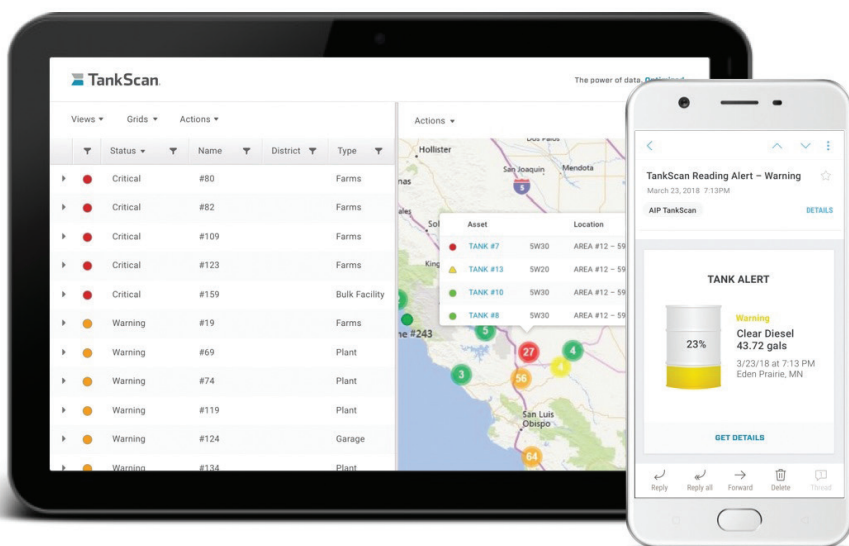
Reduce labor and transportation costs associated with manual tank measurement.

## Optimize your growth

Add customers without having to add more trucks or drivers.

## Optimize your service

Know when your customers' tanks need to be serviced before they do.



## AquaPhoenix Intelligence Platform (AIP) Capabilities

Web-based software can be accessed from any Internet-connected computer.

- Scales from 1 to over 100,000 tanks
- User-friendly dashboard displays accurate measurements across all tanks
- Users can view multiple tanks to simplify site monitoring
- Email alerts provide notification when preset levels are reached
- Multiple users can be authorized to access various levels of data
- Analyze tank data with timely reports

## Markets

- Diesel
- Chemicals
- DEF
- Lubricants
- Waste Oil
- Waste Water

| SPECIFICATIONS        | TSPS120                                                                                                                                      | TSPS401                                         |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Measurement Range     | 120in WC, 4.35 psi                                                                                                                           | 401in WC                                        |
| Cable Length          | 16.4ft (5m)                                                                                                                                  | 49.2ft (15m)                                    |
| Sensor Technology     | Submersible Pressure Sensor                                                                                                                  |                                                 |
| Accuracy              | Max: +/- 2% of Full Scale, Typical: +/- 1% of Full Scale                                                                                     |                                                 |
| Output                | Transmits ID, Level Data, Temperature, Battery Level                                                                                         |                                                 |
| Radio Communication   | Cellular 4G LTE Verizon or AT&T                                                                                                              |                                                 |
| Power Requirements    | 3.6V Lithium Thionyl Chloride Exi “Bobbin type” construction                                                                                 |                                                 |
| Construction          | Weatherproof Non-corrosive, IP68                                                                                                             |                                                 |
| Operating Temperature | Monitor: -22°F to 131°F<br>Pressure Sensor: -4°F to 176°F                                                                                    |                                                 |
| Approvals             | CE, IECeX, RoHs, RED<br>ATEX Zone II 1 G-Ex ia IIB T4 Ga [-30 < Ta < +55°C / -22°F to 131°F ] and IECeX/Hazloc Equivalents (Excludes D Cell) |                                                 |
| Product Warranty      | 1 Year, Excluding Battery                                                                                                                    |                                                 |
| ORDERING INFORMATION  |                                                                                                                                              |                                                 |
| Model Numbers         | TSPS120C4L1H1 - Verizon<br>TSPS120C5L1H1 - AT&T                                                                                              | TSPS401C4L1H1 - Verizon<br>TSPS401C5L1H1 - AT&T |

VIEW OUR FULL PRODUCT LINE AT  
[TANKSCAN.COM](http://TANKSCAN.COM)

201-0177-000 Rev. B 7/23/2025  WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

AquaPhoenix Scientific  
860 Gitts Run Road  
Hanover, PA 17331

PH: 877-847-7226

[www.tankscan.com](http://www.tankscan.com)



©2025 AquaPhoenix. All Rights Reserved. TankScan images and marketing materials are protected by various patents, copyrights and/or trademarks. AquaPhoenix assumes no responsibility for any errors which may appear in this document, reserves the right to change devices or specifications detailed herein at any time without notice, and does not make any commitment to update the information contained herein. No licenses to patents or other intellectual property of AquaPhoenix are granted by the Company in connection with the sale of TankScan products, expressly or by implication.