

# Submersible Pressure Tank Monitoring System

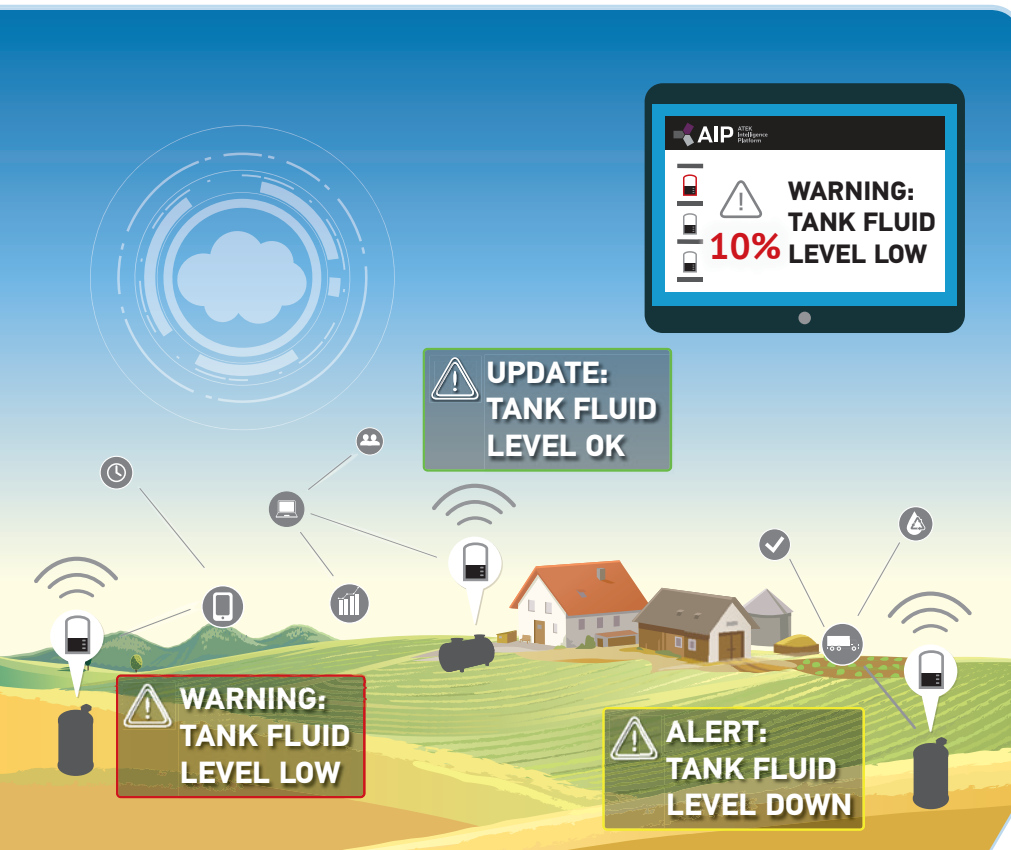


The power of data. **Optimized.**

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

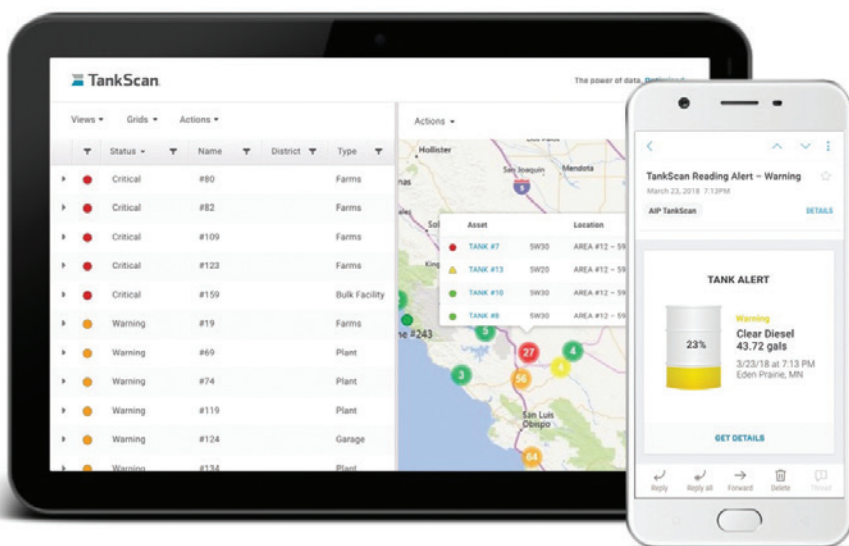
Reduce labor and transportation costs associated with manual tank measurement.

## 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.



## ATEK 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 Pressure Sensor: -4°F to 176°F	
Approvals	CE, IECeX, RoHs, RED 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 TSPS120C5L1H1 - AT&T	TSPS401C4L1H1 - Verizon TSPS410C5L1H1 - AT&T

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