

# TankScan TSR1000

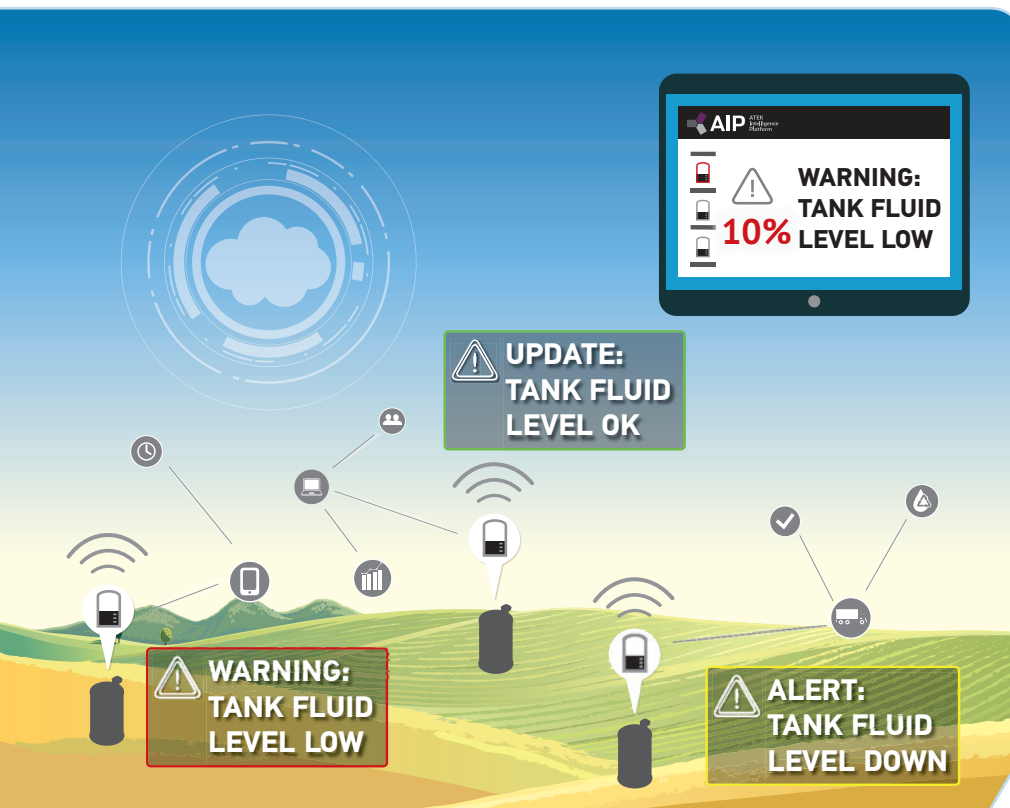
## Non-Contact Radar Monitoring System



The power of data. **Optimized.**

The TankScan TSR1000 monitor is an inclusive 4G LTE cellular non-contact radar tank level solution providing remote level monitoring of deployed tanks, totes and containers. Featuring a non-contact radar sensor this monitor tolerates vapors and condensation while not touching the liquid and can sense levels through walls of poly tanks. The non-contact radar level sensor is fully integrated into the battery-powered device, which can be installed in locations where network power and connectivity infrastructure are not available. The monitor has a durable weather-proof enclosure and long battery life making this solution ideal for use in a broad range of tank applications.

The TSR monitoring solution provides tank level information anywhere an Internet connection is available - via computer, tablet or smart phone. Use the intelligence to optimize business decisions around operations and logistics by knowing when a tank is in need of service. Plan fluid deliveries and pick-ups based on the latest information to insure optimal route efficiencies and maximum customer service.



### Optimize your routes

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

### Optimize your efficiencies

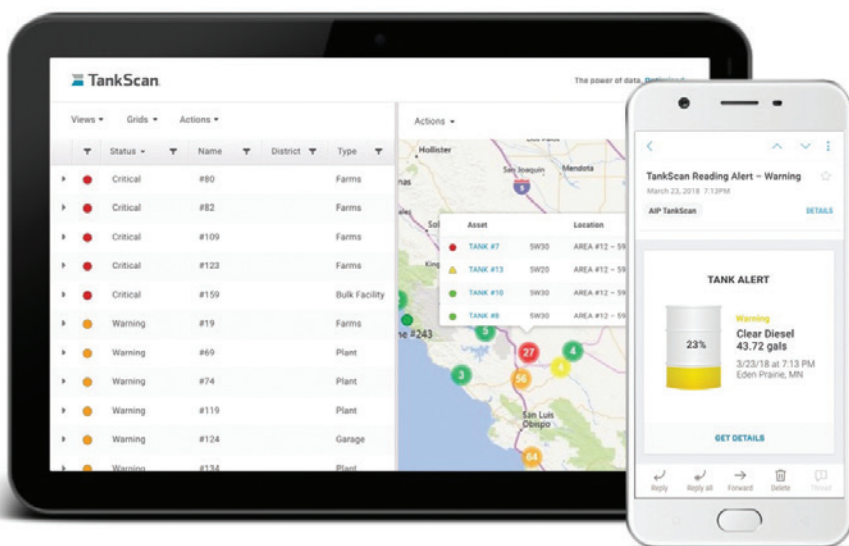
Reduce labor and transportation costs associated with manual tank measurement.

### 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

### Liquids TSR100 Can Monitor

- Diesel
- Chemicals
- DEF
- Lubricants
- Waste oil
- Waste water

SPECIFICATIONS	TSR1144
Measurement Range	4 inches (100 mm) to 20 feet (6.10 meters)
Sensor Technology	Non-contact Radar
Accuracy	+/- 1/2" (12 mm) at 22 °C, 35% RH
Output	Transmits Level Data, Temperature, Battery Level
Radio Communication	Cellular 4G LTE Verizon and AT&T, Rf with Gateway
Power Requirements	6.0V Battery Pack (typical battery life of 2 years at 12 hour reporting intervals)
Construction	Weatherproof, Non-corrosive, Meets NEMA 4X
Operating Temperature	-40 °F to +149 °F (-40 °C to +65 °C)
Weight	1.11 lbs
Approvals	FCC Part 15B, IC
Housing Material	UV Stabilized Polycarbonate
Mounting	1½" or 2" NPT Thread
Product Warranty	1 Year, Excluding Battery
ORDERING INFORMATION	
Model Numbers	TSR1144C4L1H0 (Verizon) TSR1144C5L1H0 (AT&T) TSR1144R2L1H0 (Rf)

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