

# TankScan TSR1000

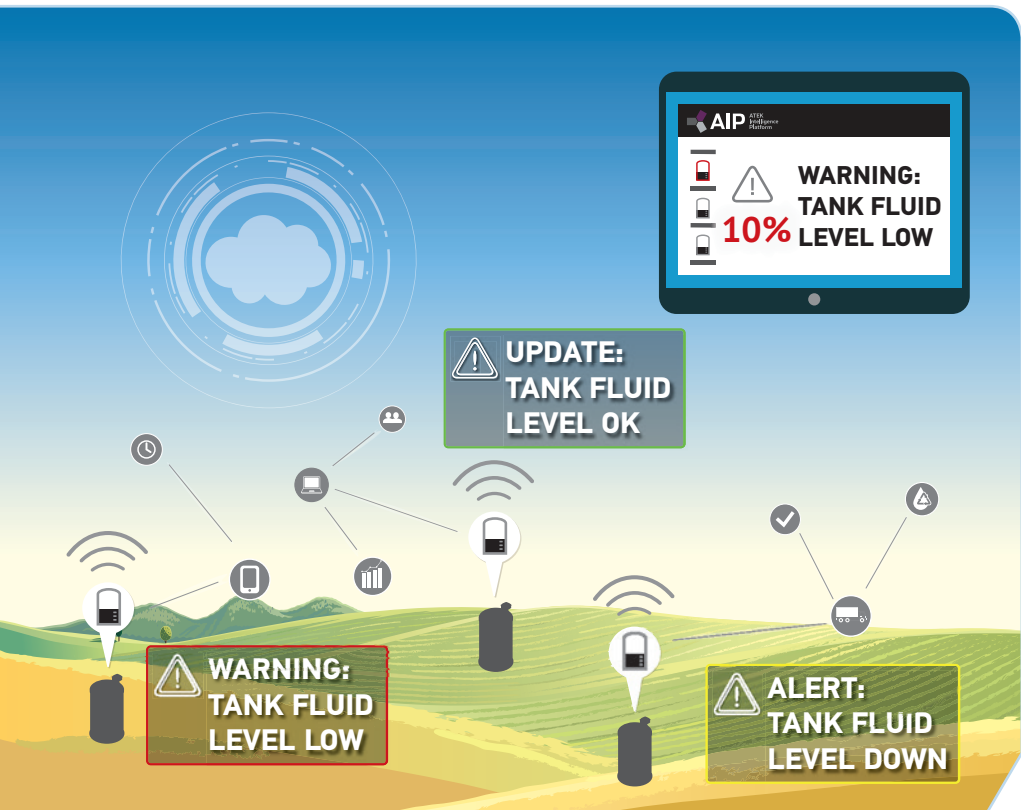
## Non-Contact Radar Monitoring System



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

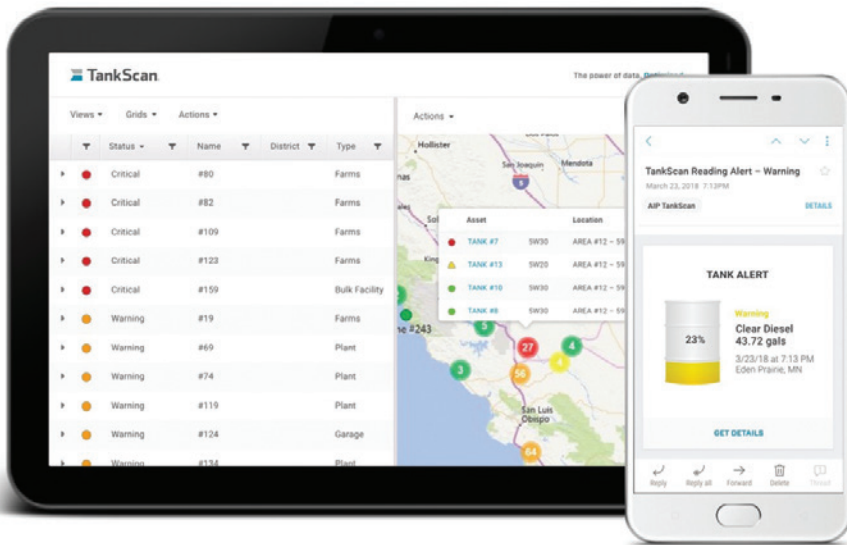
Reduce labor and transportation costs associated with manual tank measurement.

### 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

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

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)

201-0178-000 Rev. B 2/24



WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

ATEK Access Technologies  
10025 Valley View Road, Ste. 190  
Eden Prairie, MN 55344 U.S.A.

PH: 1.800.523.6996  
FAX: 1.800.589.3705  
+1.218.829.9797

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



Access the power of technology.

©2024 ATEK Access Technologies, LLC. All Rights Reserved. TankScan images and marketing materials are protected by various patents, copyrights and/or trademarks. ATEK 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 ATEK are granted by the Company in connection with the sale of TankScan products, expressly or by implication.