

# Non-contact Radar Monitor

Intended Market: < 12 ft Tall, C1D1

Hazardous Area Rated

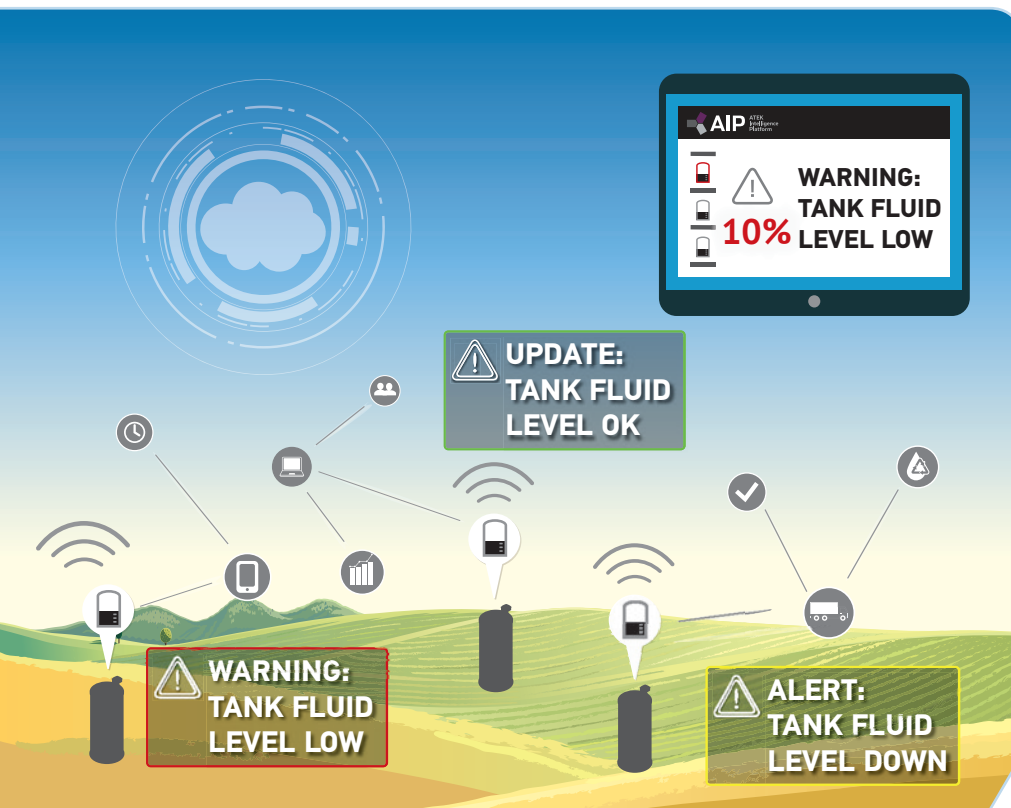


The power of data. **Optimized.**

The non-contact radar level sensor is fully integrated into the battery-powered device, which can be installed in C1D1 hazardous area locations where network power and connectivity infrastructure are not available.

The monitor uses a cellular network for connectivity, has a durable weather-proof enclosure, and is powered by a long-life, replaceable battery with an estimated 5-year battery life.

The TSRT880 monitors are ideally suited for remote chemical tanks or totes that are located indoors or outdoors. The monitors read 4 times per day and report once per day. A manual and immediate report can be triggered by passing a magnet across the hot spot on the device. The monitor mounts to the tank in a 2" threaded port or externally on a plastic tank with an included adhesive flange mount. For plastic tank applications, no hole is required, as the radar signal will pass through the plastic top of the tank and read the liquid level.



## Optimize your routes

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

## Optimize your efficiencies

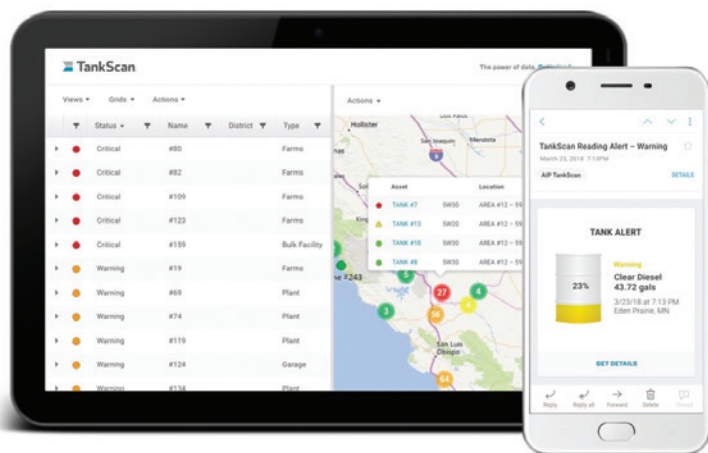
Reduce labor and transportation costs associated with manual tank measurement.

## 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 monitors
- User-friendly dashboard displays accurate measurements across all monitors
- Users can view multiple monitors to simplify site monitoring
- Customizable 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

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

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SPECIFICATIONS	
Measurement Range	6 in to 12 ft
Sensor Technology	Radar
Accuracy	< 1.0% @ 22 °C, 35% RH
Output	Level Data, Temperature, Battery Level
Radio Communication	Cellular 4G LTE/2G Fallback
Power Requirements	Lithium Li-SoCl2 battery pack
Construction	Weatherproof Non-corrosive, PVDF, IP68
Operating Temperature	-22 °F to +140 °F (-30 °C to +60 °C)
Weight	10 oz including battery
Approvals	RoHS Compliance, ETSI EN 301 489-17, EN 301 489-7, EN 301 489-1, EN 61000-4-2/3, EN 55022, A1, A2
Product Warranty	1 Year, Excluding Battery
ORDERING INFORMATION	
Model Numbers	TSRT880C4L1H1 (Verizon)
	TSRT880C5L1H1 (Multi-Carrier)

201-0183-000 Rev. A 11/23



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

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