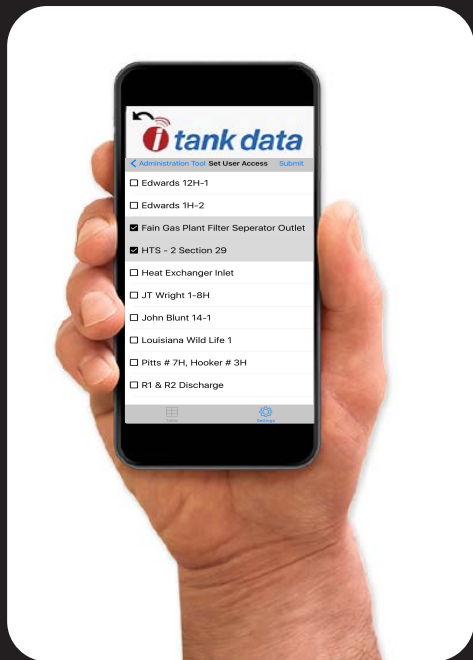










90

WIRELESS MONITORING SOLUTION FOR CRUDE, WATER AND CHEMICAL TANKS

KEY PRODUCT FEATURES



-  Low profile domed form factor, ideal for monitoring crude oil, salt water and chemicals. For use with a differential pressure sensor.
-  Smartphone app providing tank information on iPhone and Android platforms
-  Leverages technology that operates on 3G/4G networks, for longevity after the 2G Sunset.
-  Innovative enclosure and internal antenna for enhanced chemical compatibility and ruggedness.
-  Monitor can be removed and redeployed. Reduced sleep current consumption for improved battery life.
-  Firmware updates are completed over-the-air without user involvement.

The iTankData 90 cellular remote monitoring system combines several industry-first features that redefine what's possible with monitoring crude oil, water and chemical tanks. This system is ideal for monitoring stripper wells, but also insuring against overflows within a SCADA system operation. Completely eliminate worry about stolen production and know exactly when a load of oil is being picked up for sale (and how much was sold).

Easiest installation in the Industry

Installation is a snap with our Series 90 unit. Any pumper or operations staff can simply screw the unit into the top of the tank and push a button to activate. iTankData realized that petroleum operators needed to be able to install our unit without training and in a very short amount of time. The unit is designed to be installed at the top of the tank so as to be out of the way of work at the tank.

Smartphone Mobile App

iTankData knows that oil field operations is a challenging business. We have designed our smartphone app to be very easy to read and provide the key information every pumper or manager needs to see, in just two clicks.

 Chemical Mode

Lease	level	bbbls	%	Bbl/24h	%/24h	Time
Smith "A" Lease	82"	163	48	+1,526	+21.65	8:30PM
Smith "A" Water	63"	98	98	-4,560	-1,568	8:28PM
Solomon Lease	18"	23	4	+54.68	+21.65	8:38AM
Wilhelm Lease	110"	155	63	+6,457	-57.65	7:57PM
Jone #42	50"	83	80	+71.46	+90.45	8:00PM
Smith "B" Lease	134"	266	95	+25.46	+50.65	8:12AM
Smith "B" Water	44"	68	67	+85.52	+65.49	8:04AM

Tank level information anywhere, anytime

Knowing that your pumps and tanks are properly functioning is of the utmost importance. The iTankData mobile app and web portal is designed to give you this information. Indicators and alarms to tell you of "no production" or a "reduction in volume" can significantly decrease potential for lost revenue. At the beginning of each day, you can look at the mobile app and immediately see the status of every tank in your operation.

Hardware Specifications

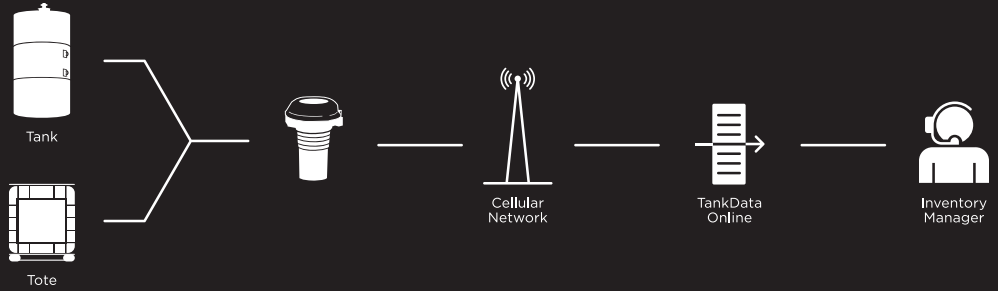
- **Construction:**
ROHS Compliant
- **Enclosure:**
NEMA 4X; weatherproof; UL approved (UL94V-0); CPVC
- **Process Fitting:**
Simultaneous 2" NPT and 2" Buttress
- **Unit Gross Weight:**
1.3 lbs (454g)
- **Operating Environment (monitor):**
Storage Temperature Range: -40 °F to 185 °F (-40 °C to -85 °C)
Operating Temperature Range: -13 °F to 158 °F (-25 °C to 70 °C)

Cellular Communications

- **Mode:**
GSM Digital Wireless Radio
- **RF Approval:**
FCC Part 15 B approved
- **Frequency Bands:**
GSM 850/1900MHz
- **GPS Receiver:**
Internal Antenna
- **Optional External GSM Antenna**

Performance Specifications

- **Output Voltage:**
Nominally 14V/24V
- **Output Current:**
Rated from 0-50 mA
- **Load Regulation:**
0.5% from @ 30mA load
- **Ripple:**
50 mV Peak-to-Peak
- **Output Short Circuit Protection:**
Current limited to 50 mA
- **Accuracy:**
+/-0.25%, +/-0.50%, +/-1.0%
Based on requirements.



Our sole-source solution of hardware, software and smartphone mobile app service provides secure key tank information 24/7. In the office or in the field, you'll know the tank level and operational status, and when a tank is full or maintenance is needed. This helps reduce production shutdowns and increases operational staff efficiency.

Engineered for Ruggedness and Ease of Use

Reduced current consumption, OTA firmware updates and a tamper-evident enclosure with an internal antenna all combine to improve battery life, and make updates seamlessly, while delivering critical tank information to users 24/7 and producing an extremely durable, long-life product.

Contact us for a detailed consultation, recommendation and quote on the iTankData 90 wireless monitoring system, and to find out how our total solution increases your operating efficiency and profits.

Field to phone. Instantly.

And NOW... Available for Oil/Gas Operators!!!

817.855.4992