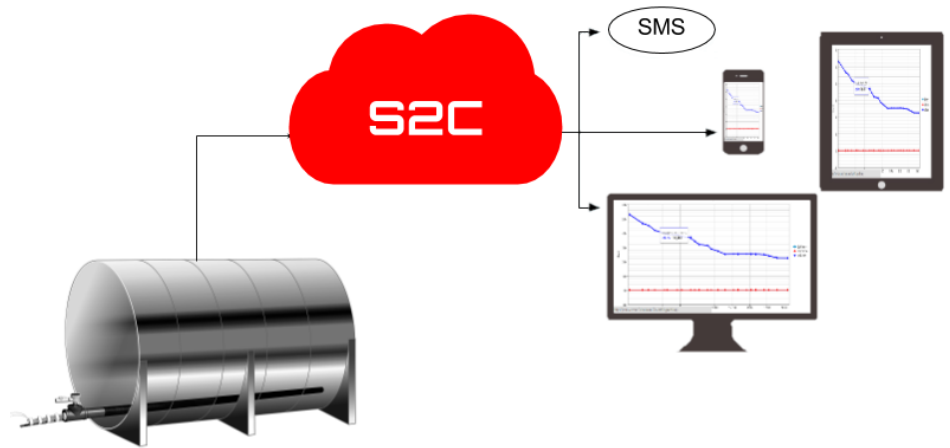


Tank Level Monitoring

Real time Inventory Monitoring

Sensors2Cloud low cost monitoring solution allows reading of tank levels using certified ultrasonic level sensors. Data is transmitted using cellular network and gives managers a powerful tool to make deliveries decisions and improve routing efficiency and save money.



Robust, Reliable Software

Sensors2cloud Web Dashboard presents all tanks in one map. Live data such as volume, percent full, empty, etc..., are shown in tables so that dispatcher can plan deliveries. In addition, analytics provide customer with consumption and deliveries information. This is used for usage tracking and reconciliation. To improve customer service, each client can have a customized view of their own

Storage Tanks

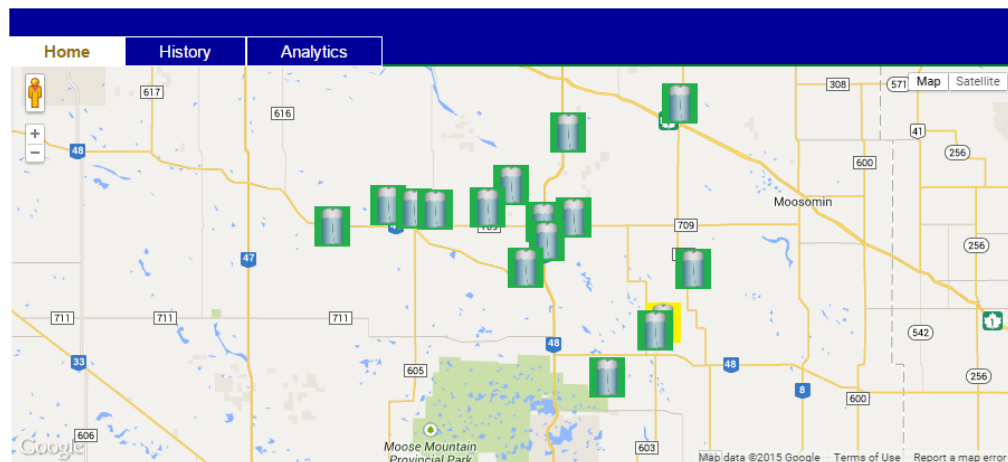
Material: Class 1 Div 2
Mobility: Stationary
Geometry: Horizontal
Diameter: 13 feet max.

Sensor

Technology: Ultrasonic
Connectivity: Cellular
Power: Battery
Reporting: Programmable
Wireless: Yes

Alerts

High Alert: Automatic
Low, Alert: User settable
Critical Low: User settable
Volume: Liters, Gallons or %
Message: Email and/or SMS



NAME	BATTERY	DISTANCE	TEMPERATURE	VOLUME	EMPTY	PFULL	STATUS	LAST UPDATE
Wapella_diesel	4.8 V	48.9 in	-16.5 C	8356 L	6031 L	58 %	OK	2/24/2015 10:36:23 PM
Wapella_gas	4.8 V	57.4 in	-17.1 C	19900 L	21159 L	48 %	OK	2/24/2015 10:36:23 PM

Dashboard

PC: Web browser
Mobile : iOS, Android
Historical: 3 months
Reports: 25 readings
Maps: All tanks, zoom
Logo: Customizable
Assets: Admin-defined

Data

Volume: Liters or gallons
Temperature: Ambient
GPS: Optional
Battery: Yes
% Full: Yes

Users

Accounts: Unlimited
Access: Unlimited
Dashboard: Admin-defined

Installation

Wiring: None
Time: 5 min
Tools: None

Training

Software: Instructor, Web-based
Hardware: Manufacturer Docs

State-of-the-art Certified Sensors

At the heart of the solution is a state-of-the-art radar sensor capable of detecting liquid levels as far as 35 m. The sensor is battery powered with battery life of up to 2 years. The sensor is installed on top of the tanks and it uses a narrow radar beam to measure the distance to the liquid surface using built-in microprocessor which performs advanced signal processing.

Specifications

Range	up to 13 ft
Deviation	±1%
Fitting	Thread from G1½; 1½ NPT; flanges from DN 40, 1½"
Temperature	-20 ... +60 °C
Reporting	Hourly, Daily, Weekly
Power	Lithium-Ion Battery (2 years @ 2 Reports/day)

