

Smart Tank Level Monitoring Solution

Tank level monitoring solutions play a pivotal role in industries where precise inventory management and operational efficiency are paramount.

Let's dive in and explore how Browan can streamline your day-to-day operations, making them more effortless and highly efficient.



Challenges of Existing Method



Manual Data Collection



Limited Visibility and Control

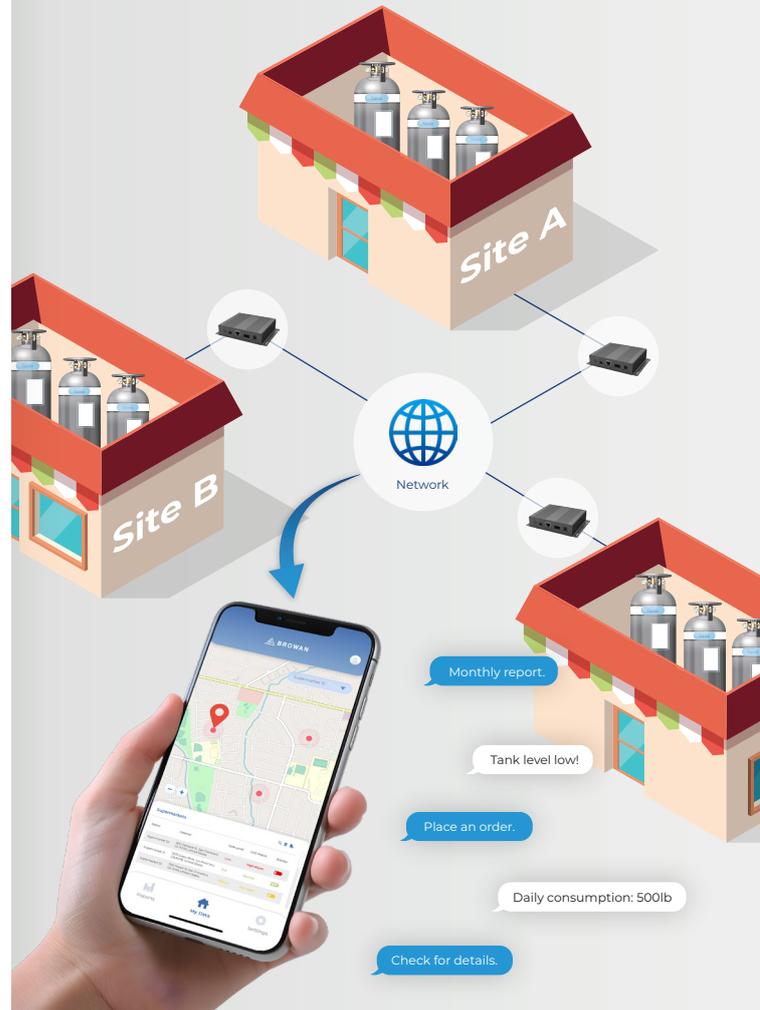


Supply Chain Disruptions

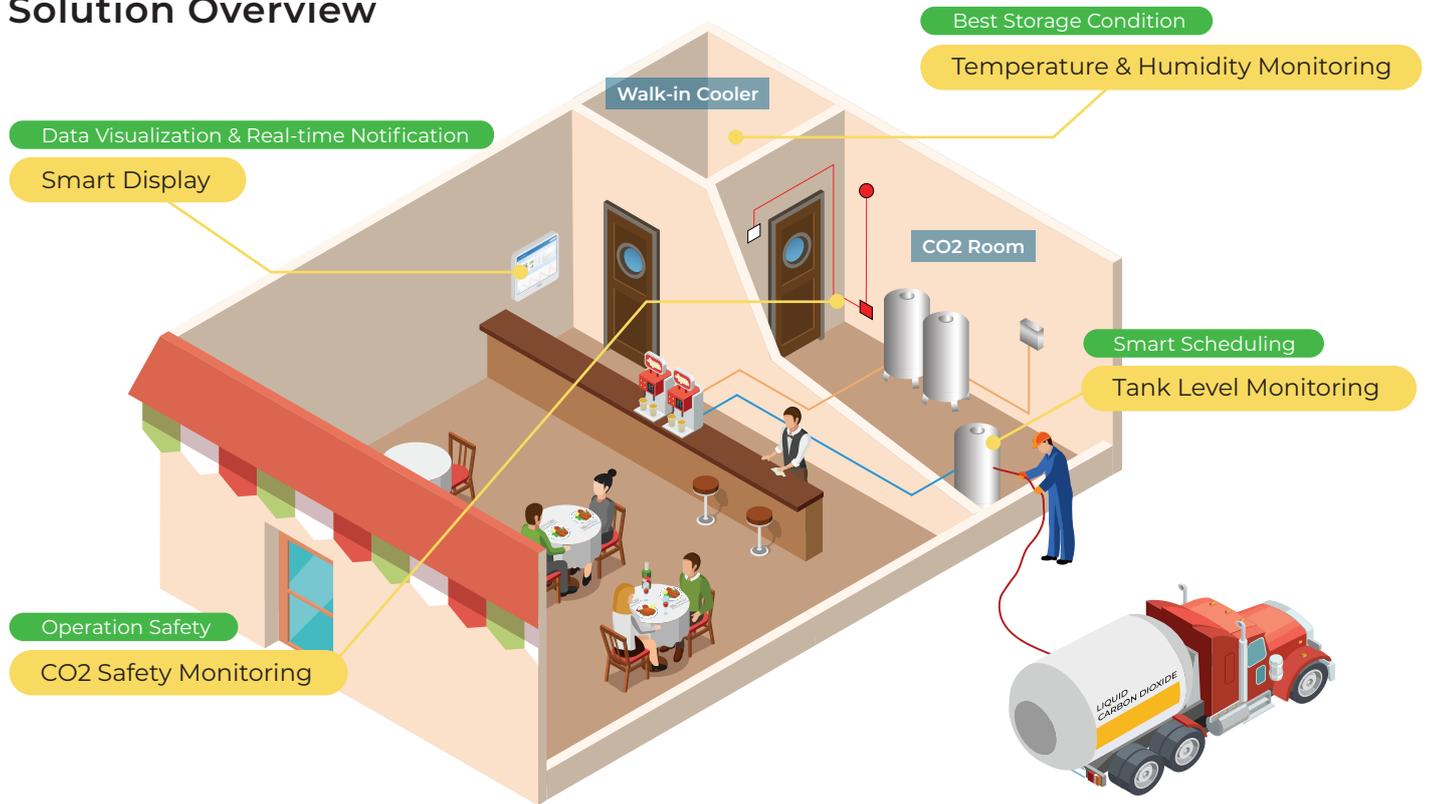


Low Return of Interest
High Operation Cost

Here's a solution for you...



Solution Overview



Tank Level Monitoring

- **Smart Scheduling**

Farewell to lengthy delivery waits! With our tank level monitoring solutions, you'll receive timely refills long before you realize your tank is nearing empty.

- **Prevent Stockouts**

Receive alerts promptly for low tank levels to prevent operational disruptions caused by stock shortages.

CO2 Safety Monitoring

- **Clear Visual Status Updates**

Navigate the enclosed CO2 tank room fearlessly.

- **Regulatory Compliance**

Continuous monitoring ensures compliance with safety regulations and guidelines.

Cooler Monitoring

- **Best Storage Condition**

Forget about manual checks: our solution keeps an eye on your Storage 24/7.

- **Maintenance Optimization**

Identify potential equipment issues early through continuous monitoring of cooler conditions, enabling proactive maintenance to prevent costly breakdowns and downtime.

Smart Display

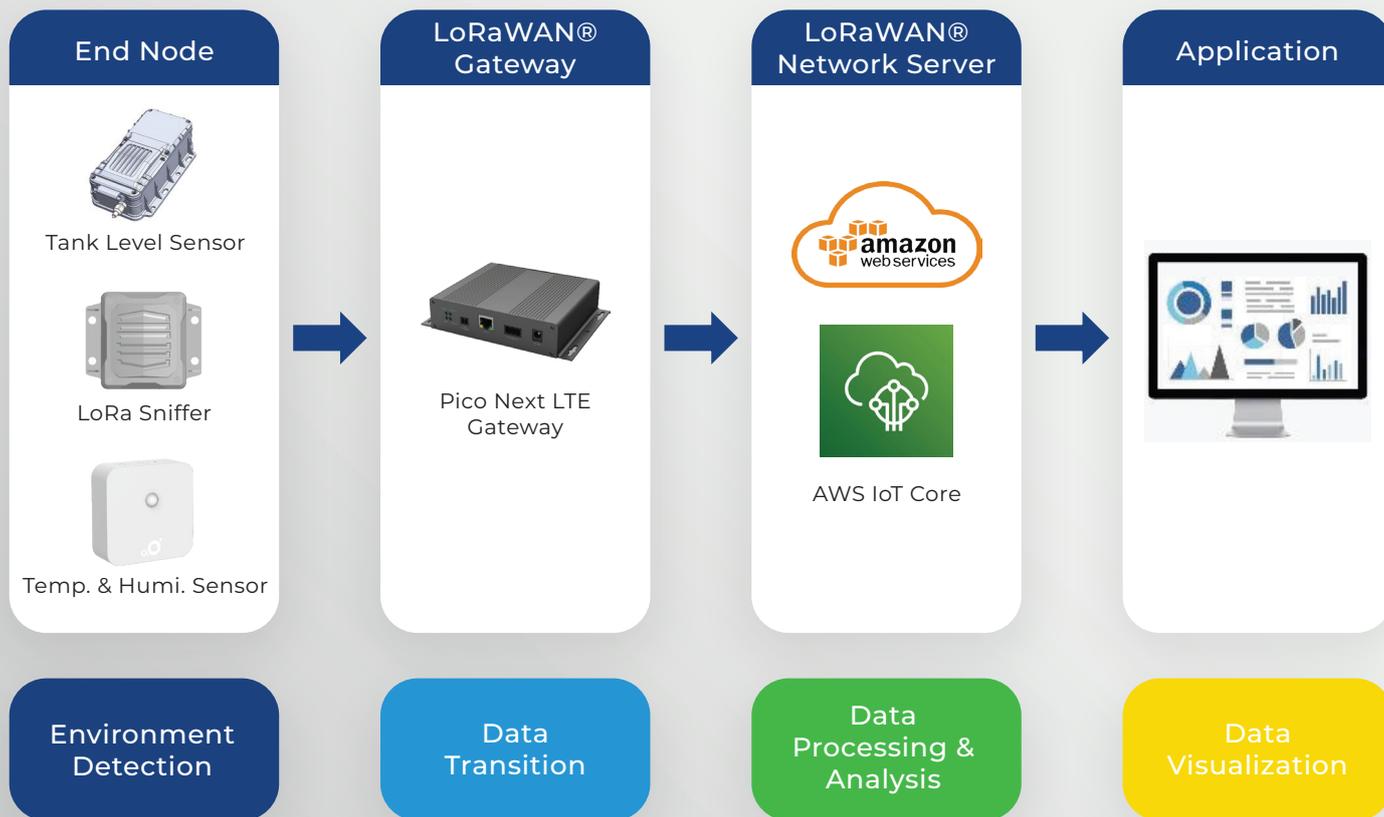
- **Real-Time Alerts**

Stay informed whenever something goes wrong, ensure your inventory stays safe and secure.

- **Streamline Store Management**

Eliminating the need for tedious rounds to ensure everything is running smoothly.

Solution Architecture



Featured Products



Tank Level Sensor

- LoRaWAN® 1.0.3 Compliance
- Long Battery Lifetime: Up to 5 years
- Configurable via BLE
- IP57 Equivalent Rating
- Coverage Test Support



Pico Next Gateway

- LoRaWAN® 1.0.3 Compliance
- External Power Source
- Flexible Internet Connectivity: Ethernet, 3G/4G, Wi-Fi
- Multi-Country Frequency Support



LoRa® Sniffer

- LoRaWAN® 1.0.3 Compliance
- External Power Source
- Configurable via BLE
- RS485 Data Input
- Integration with Existing Safety System
- IP54 Equivalent Rating
- Coverage Test Support



Temperature & Humidity Sensor

- LoRaWAN® 1.0.3 Compliance
- Long Battery Lifetime: Up to 5 years
- Coverage Test Support
- IP40 Equivalent Rating
- High Accuracy: $\pm 1.5\%RH$, $\pm 0.1^{\circ}C$

Operational Excellence Portal



Benefits for Customers



Improve inventory management and reduce stockouts.



Minimize operational costs and prevent wastage.



Enhance workplace safety and compliance with regulatory requirements.



Increase overall productivity and profitability.

Industries Served



Food & Beverage



Chemical Processing



Manufacturing



Agriculture



Health Care



Pharmaceuticals

And more...