



BACSOFT MONITORING AND CONTROL OF SILOS

THE CHALLENGE

Constant information on the inventory in storage tanks is vital to any ongoing concern. Without constant monitoring and measurement, the amount of inventory in a storage tank can't be gauged with any exactitude. Companies look to The Internet of Things for solutions.

THE SOLUTION

Bacsoft provides advanced IoT technology that optimizes management of product levels in bulk storage tanks. Bacsoft offers an intelligent system capable of smart sensing and real-time monitoring of on-site inventory level information in tanks located at multiple locations. The system provides both local and remote alerts for inventory level, theft and tampering.

THE TANK STORAGE SOLUTION

- Continuously monitor and measure product level (solid, liquid or gas), product density, temperature, and flow rate
- Wireless system for remote monitoring via smart phone or PLC
- Reporting on individual or multiple tanks
- Tank level, blockage & power outage threshold alerts
- Tampering or theft alarms





THE BENEFITS

- Accurate status of inventory levels at all times
- Remote access to information on multiple tanks
- Immediate response if tank levels are too low or too high
- Monitoring of tanks even in remote locations without reliable energy sources
- Alerts in cases of tampering or theft
- Easy to deploy, use and expand
- Complete remote access via PC, tablet or smart phone
- Full service turnkey solution

SPECIFICATIONS

- Bacsoft Smart Controller: Standard or Low Energy, depending on field conditions
- Level sensors 4-20 mA; 0-10V or serial data communication
- Online monitoring, 1 second sample and broadcast time
- For low/no power: sample / broadcast time according to customer definition

