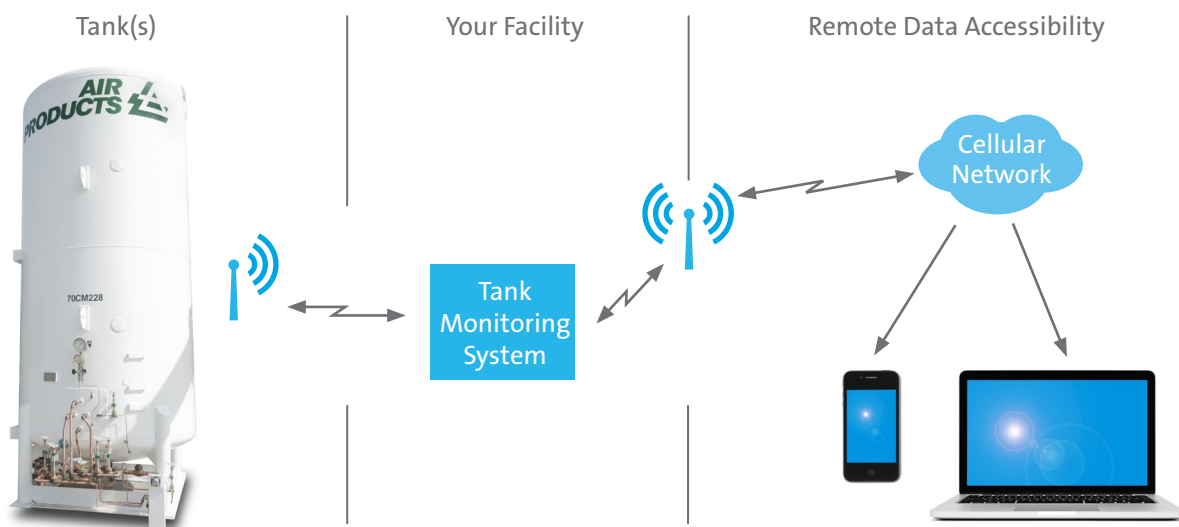


# Tank Monitoring System

## Know what's going on inside your gas storage tanks, from anywhere.



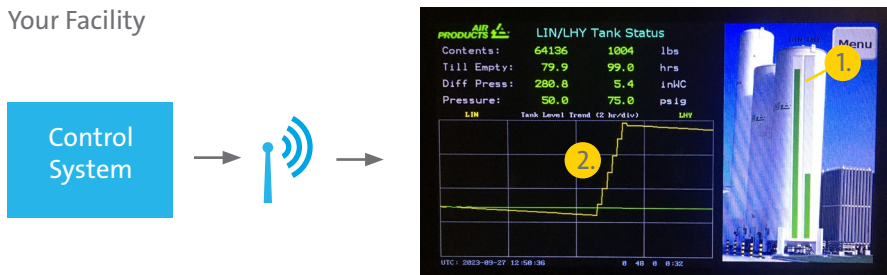
Air Products Tank Monitoring System is a convenient, reliable way to remotely track your storage tank levels. Not only does this system help you manage your industrial gas supply, but it also allows detection of abnormal gas usage and monitoring of vaporized gas temperatures. All data is conveniently stored and remotely accessible via a secure system. Air Products Smart Technology system features our IIOT - driven (Industrial Internet of Things) approach to process optimization, applying decades of experience in gas supply, applications knowledge and safety.



Installation includes differential pressure measurement and an optional pressure transmitter at the tank, along with a Wireless Intelligent Node (WIN). The WIN takes tank readings at preset intervals (typically 1-2 min) and transmits the data wirelessly to an indoor receiver (gateway). Each WIN can handle two tanks and there is no limit to the number of tanks that can be monitored at a facility.

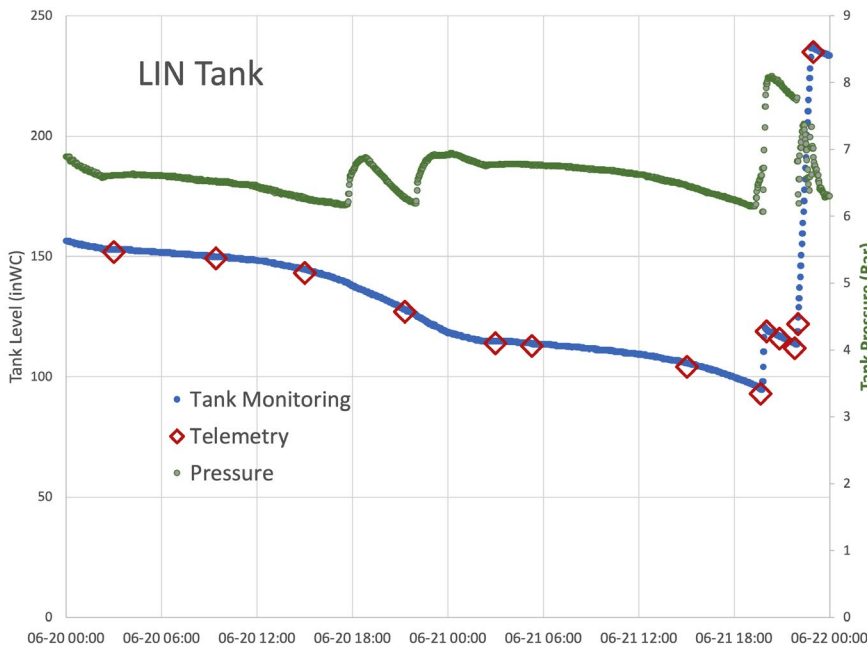
An example of the data acquisition display is shown below. Included is a color touch screen, an interface board, a gateway to receive the data and an optional cell router for transferring data to the cloud. A tower light is also available for status indication and/or alarm.

### Your Facility



1. Tank level displays
2. Tank level trends

### Tank Contents



### System Benefits

- Detects abnormal product usage
  - Identifies possible leaks or other unexpected changes in levels.
- Delivers data values via customer's PLC or DCS through Ethernet or serial communications
- Monitors the liquid/gas temperature
- Integrates multiple tanks into the monitoring system
- Tracks additional data and reporting with other connected Smart equipment
- Sends alerts via text messaging or email
- Provides local alert via a visual tower light on the display
- Allows remote access via any internet-enabled device
- Integrates a secure system
  - Encrypted data transmission
  - Cellular for transmission only
- Allows for different packaging options, such as industrial enclosure or desktop console

For more information, please contact us at:

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