OMNTEC

Established in *1981*

Serving the Petroleum and Industrial markets with both wired and wireless solutions.

# Compliance & Leak Detection Systems to Meet the Needs of our Customers

UL508 controls

Wireless Bulk Systems

Remote Displays

NEMA4X Leak Detection

Retail Tank Gauging Systems

# The Station Owner's Growing Operational Complexity & Risk Dilemma

1. Understanding the Tank Gauge and how to get information out of it.
2. Perform the new 30-day & Annual Fuel Site Inspection; testing each sensor; and clearing the alarms.
3. New A, B, and C operator rules require easy access to the Tank Gauge, but what if its located in the wrong room or building?
4. Training for your A, B, and C operators, on how to handle an incident.
5. Its not just an Overfill Alarm anymore.

# The Station Owner's Growing Operational Complexity & Risk Dilemma

1. Understanding the Tank Gauge and how to get information out of it.

## The Problem!

1. How does the Station Owner get his C operators to understand the Tank Gauge when he or she can't understand it either?

## One Solution

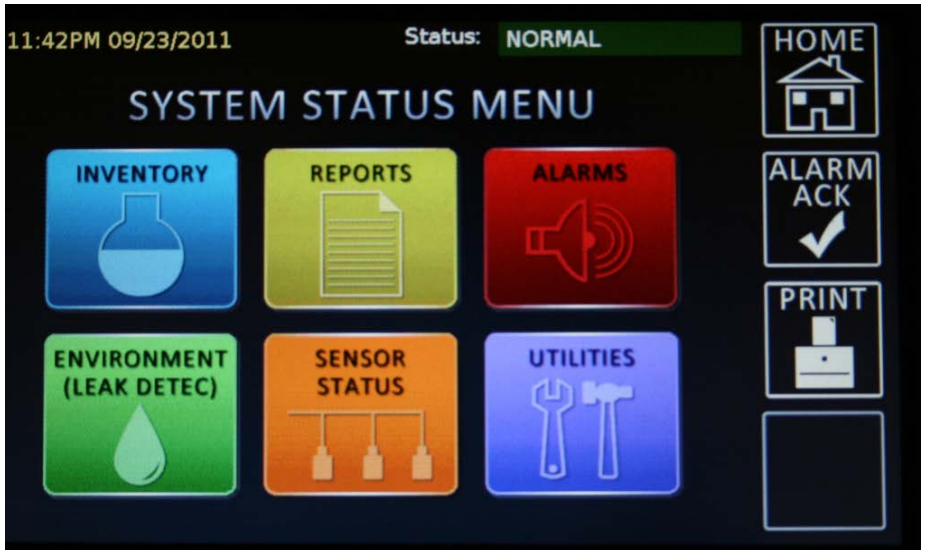
1. A Simple Tank Gauge that **Anyone** can walk up to and easily get the needed information.

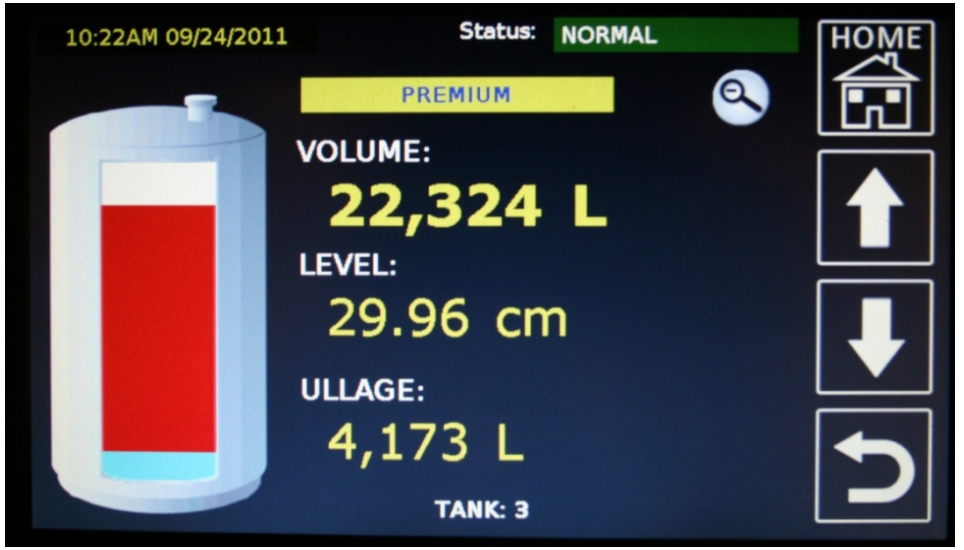
# Our Answer

# PROTEUS

Three models all designed around today's Smart Phone concepts of
**BOLD COLORS, EASY NAVIGATION, BIG SCREENS, and FAST RESPONSE**.

# Simple to Operate



# The Station Owner's Growing Operational Complexity & Risk Dilemma

2. Perform the new 30-day & Annual Fuel Site Inspection; testing each sensor; and clearing the alarms.

# Regardless of the corrosion or weather the 30-day & Annual Inspection must go on!

# Regardless of the corrosion or weather the 30-day & Annual Inspection must go on!

# The Only System that Tests it's own Probes & Sensors

## PROTEUS

**Tank Gauging Made Easy!**

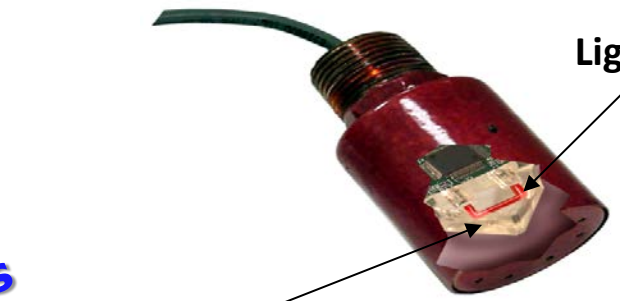
**The only system on the market with a real Test Button!**

# How is the Sensor Test Possible?

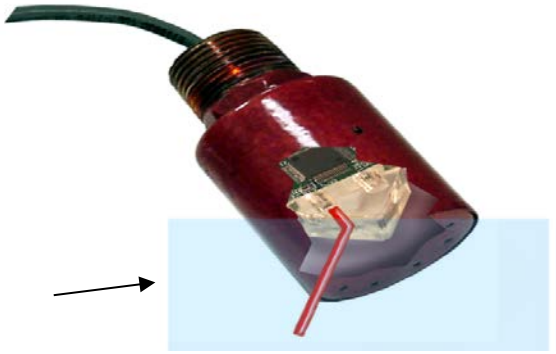
## BX-Series Smart Sensors

- Intrinsically Safe Network Sensors (16)
- Self Identifying Smart sensors
- Self diagnostic
- Requires less conduit
- Reduced programming
- **Easily tested without removal**
- Can be mounted in any orientation

Multi-Drop Sensors




DRY (Normal)



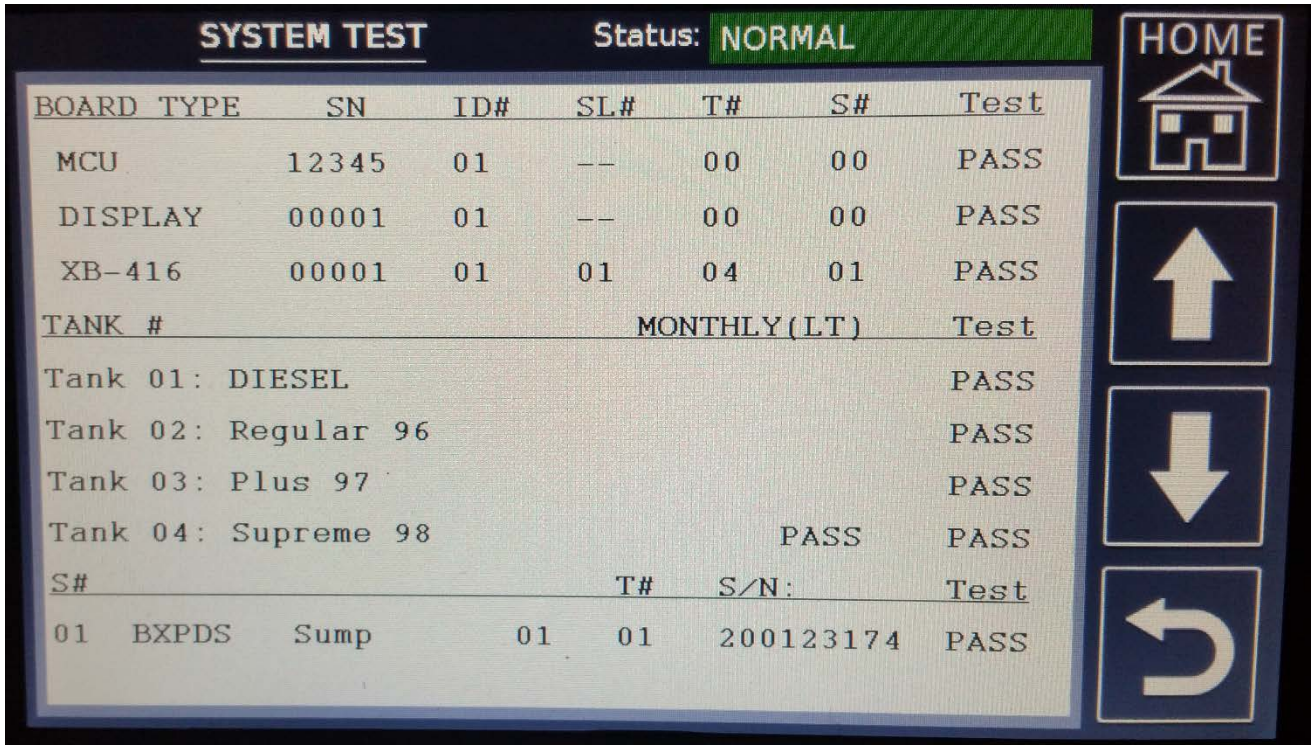

WET (Alarm)

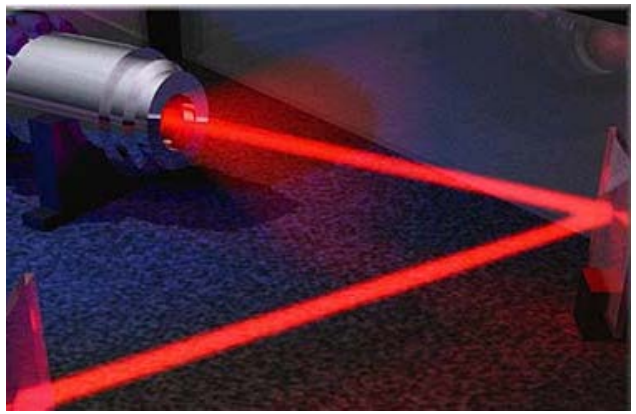
Light refracts and beam is broken

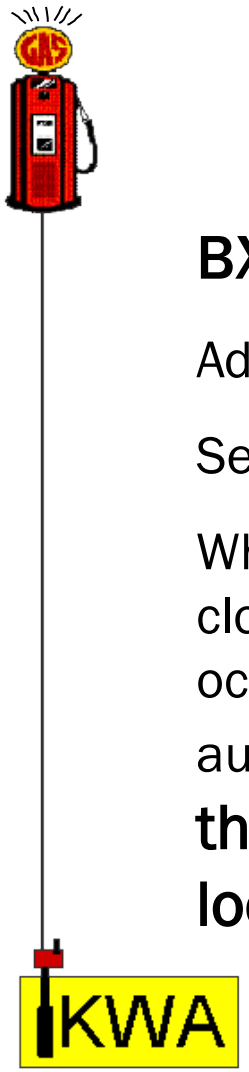
# How the Test Button Works

## Push Test

- Logs Date and Time of the Test
- Tests internal Boards and Display
- Tests each Probe that is programed in for communications and level detection.
- Tests each sensor by turning off the Light beam and verifying they each alarm.
- Prints a report






# Sensor Test Method

## BX Series Sensors 3rd Party Evaluation Results

Additional Limitations or Considerations

Sensor Test Procedure:

When the test button on the controller is pressed, the normally closed light beam is opened, which simulates an actual leak occurrence, sending an alarm signal by turning on an audio/visual alarm and printing the test results. **It is therefore not necessary to remove a sensor from its location for testing purposes.**

# The Station Owner's Growing Operational Complexity & Risk Dilemma

3. New A, B, and C operator rules require easy access to the Tank Gauge, but what if its located in the wrong room or building?

What’s the solution for existing Sites where the Tank Gauge is located in the wrong place for **C** operators to effectively monitor it?

# The “C” Operator Solution

## PROTEUS Mini-Me

**Universal Remote Display**

*Patent Pending*

# REMOTE DISPLAY

## PROTEUS Mini-Me

- 7” Color Touch Screen
- Connects to most Industry Standard Tank Gauges via RS232, RS422, and wireless.
- Bring your existing monitor where your **C** operator can see it.
- Audible and visual alarms
- Wall mount or flush mount
- **W**ireless or **W**ired options
- Simplifies **EPA** Training Requirements

**Universal Connectivity**

*Patent Pending*

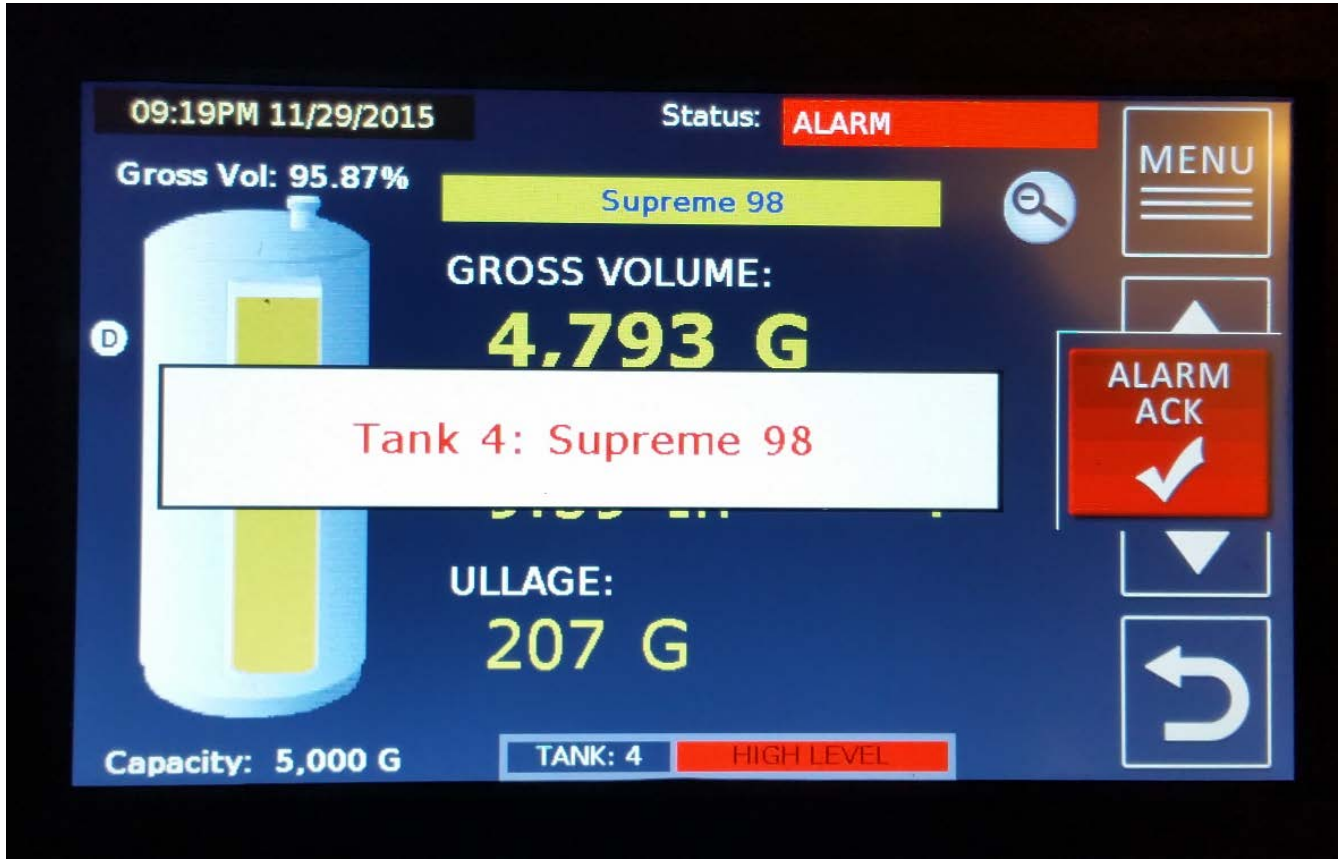
**Mount the Remote Display where it’s easy for the “C” operator to access it.**

Restrooms
$325 PER PACK PLUS TAX
MAVERICK American Quality
$3.58
Marlboro SOUTHERN CUT
Access without leaving the Counter
SMOKE
FIRE EXTINGUISHER
COME TO WHERE THE FLAVOR IS.
Marlboro
CLASSIC FLAVOR
RICH & SMOOTH FLAVOR
NEW LOOK.
$4.93
$4.91
$4.08
$35.41
Marlboro SOUTHERN CUT
Marlboro 72s
$4.03
TRY FRESH MINT
WARNING: This product can cause gum disease and tooth loss.
CAMEL
Winston
$289
$488
443
$379
LOWER PRICE
NORTH CAROLINA Education LOTTERY
GIVE THE GIFT THAT'S A GAME

# The Station Owner's Growing Operational Complexity & Risk Dilemma

4. Training for your A, B, and C operators, on how to handle an incident.

# Let OMNTEC Guide your “C” operator thru an Event.

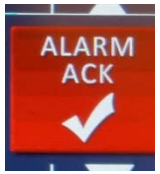



PROTEUS Mini-Me

## Remote Display Reflecting Tank 4 Alarm

- Mini-Me home screen is selectable.
- Mini-Me screen changes to track fuel deliveries
- When the Tank Gauge alarms so does the Mini-Me.
- When the operator pushes the **ALARM ACK** button it can also Acknowledges the Tank Gauge.

# Guiding your Personnel thru the Event.

PRESS 


**Programmable Alarm Instruction Screen.**

- Display Switches to instruction screen when the **Alarm Ack** button is pressed.
- Six lines of text are available for sites to set up their specific **“C”** operator instructions.

PROTEUS Mini-Me

# The Station Owner's Growing Operational Complexity & Risk Dilemma

5. Its not just an Overfill Alarm anymore.

# *Mini-Me/ Overfill Alarm*

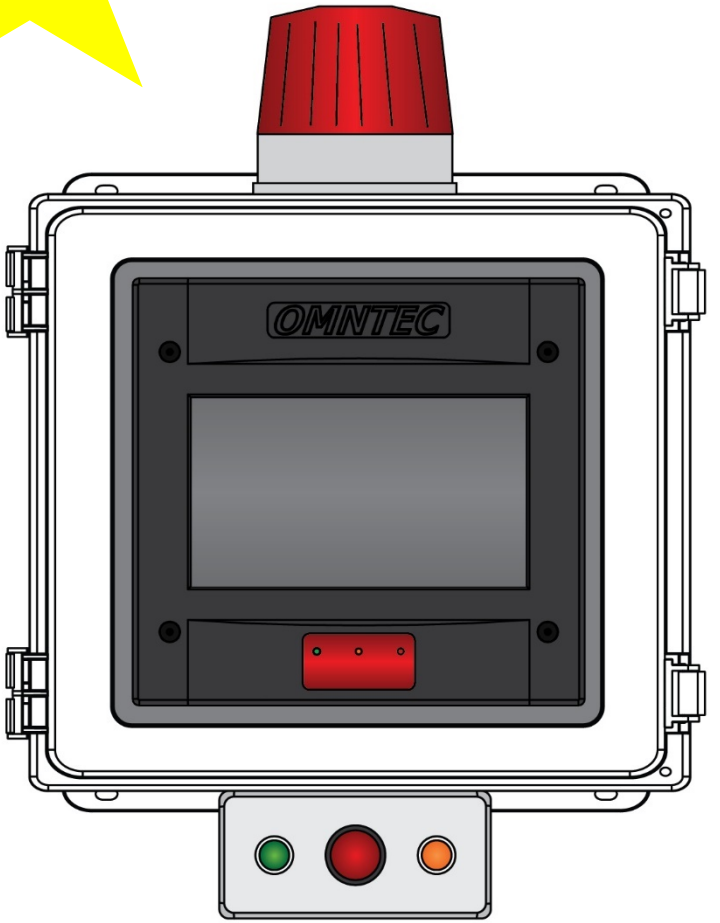
1. Weather Proof remote Display and Overfill alarm Combo.
2. Display switches to and tracks the tank receiving the delivery.
3. Helps prevent Cross contamination.
4. Promotes after hours deliveries.
5. Works with anyone's existing Tank Gauge.
6. Speeds up the delivery process.

Delivery Tracking Screen

# *The Delivery Defender*

New

1. The EPA has approved both Fill Limiters (95%), and Overfill Alarms (90%).
2. The Defender shares your Tank Status with the Fuel Supplier.
   - Adds Green Status
   - Adds Amber Delivery Track Light
   - Promotes after hours deliveries.
   - Works with anyone's existing Tank Gauge.
   - Speeds up the delivery process.



OMNTEC

# Helping to remove Complexity and Mitigate Risk