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Prophet Remote Tank Monitor



Prophet with integrated Ultrasonic Sensor

- ◆ Uses Existing Cellular Network
- ◆ Battery Operated
- ◆ Flexible Sensor Selection
- ◆ Pushbutton Data Transmission
- ◆ Fixed Cost Subscription
- ◆ Reduces Labor
- ◆ Perfect for Remote Locations
- ◆ Rapid Delivery / Plug N' Play

The 4000 Series Prophet tank monitor provides a cost effective level measurement in liquids or solids for above ground storage tanks up to 40 feet tall.

Completely redesigned into a sleek, compact, proprietary design, the Prophet is completely wireless and is ideally suited for stationary holding tanks and totes.

The Prophet is supplied with a non-contacting ultrasonic level sensor and communicates using state-of-the-art digital cellular technology.

Our TankDataOnline Inventory Management Service is an internet-based monitoring service which provides the critical information that you need to better manage your supply chain.

Using a standard internet browser, you can retrieve your valuable tank information virtually anywhere in the world. We have many cost-effective service offerings for nearly every application.

Together with the features of our TankLink website, the Prophet system can assist in making educated decisions for delivery schedules, instead of reacting to surprise run-outs / emergency rush deliveries.

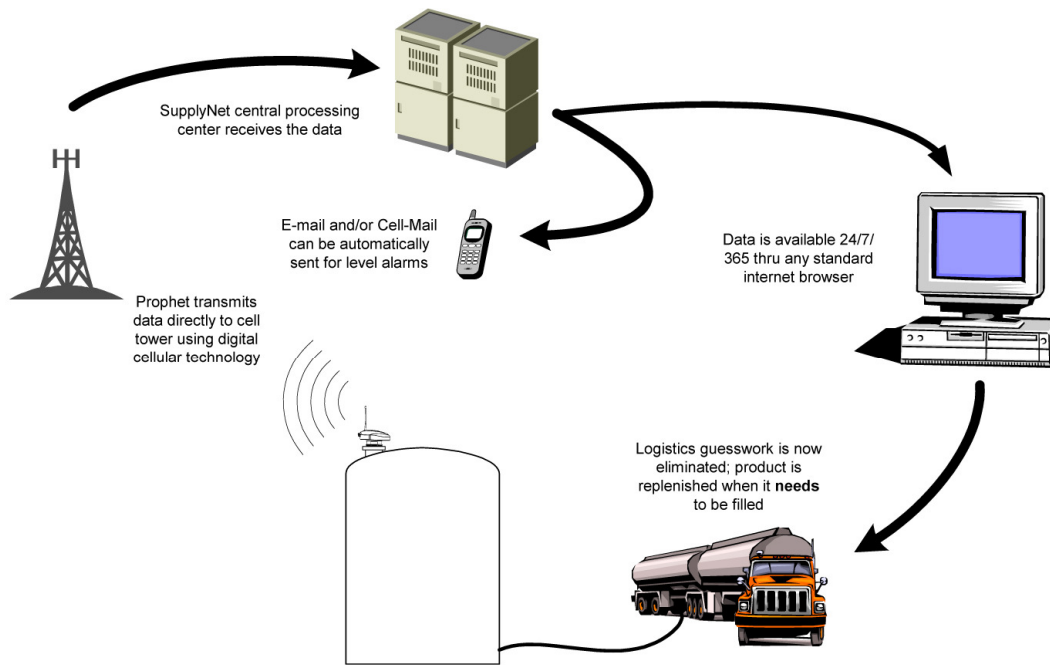
The Prophet is designed for daily callouts to insure timely information and connectivity to the cellular network.

In addition to product level/volume, cellular signal strength and battery level, alarms, inventory history, product usage and history chart are all easily accessible through the TankLink website.

This information is available to anyone you choose, at any time, anywhere by entering a user ID and password from any standard Internet browser

Ask about installation and Start Up!

Prophet Remote Tank Monitor



Performance Specifications:	
Output Voltage	Nominally 24 VDC $\pm 5\%$
Output Current	Rated from 0 - 24 mA
Load Regulation	0.5% from 24mA load
Ripple	50 mV peak-to-peak
DC Isolation	100 M Ω with 200 VDC applied between output and case, input and case, and input and output
Output Short Circuit Protection	Output is current limited to 24 mA
Accuracy	$\pm 1\%$ of Span
Ambient Temperature Range	-20 $^{\circ}$ to 160 $^{\circ}$ F (-28 $^{\circ}$ to 71 $^{\circ}$ C)
Battery	Three Replaceable Lithium-Ion Batteries (Model CR123A)
Expected Battery Life	One call out per day, replacement up to 18 months Three call outs per day, replacement up to 12 months 900 MHz operation, replacement up to 60 months
Amps Cellular Communication	Output 0.6 watts
Hardware Specifications:	
Differential Pressure Sensor	SS316: 1 inch (25 mm) OD x 3 inch (76 mm) length typical
Ultrasonic Sensor	pvdF Kynar $^{\circ}$ construction exposed to wetted portion of tank
Housing	33% Glass-filled Nylon with a Polycarbonate window
Area Classification	General Purpose environment
Unit Gross Weight	With Ultrasonic Level Sensor: 2.0 lbs (0.91 kg) With 7.5 psi range Differential Pressure Sensor: 2.1 lbs (0.95 kg) With 30 psi range Differential Pressure Sensor: 2.6 lbs (1.18 kg)