

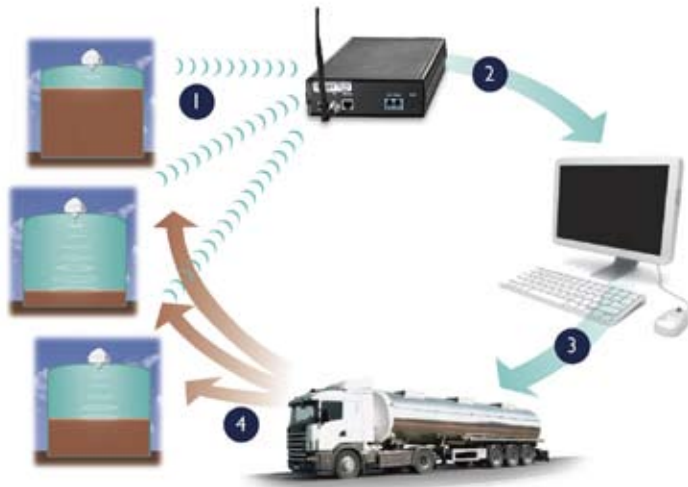


Know now. Remote Tank Monitoring.

TankScan® remote level-monitoring systems for liquid bulk storage tanks provides easy access to accurately view inventory levels, which can eliminate costly run outs. Used for inventory management, TankScan level monitoring systems measure the level of virtually any liquid on any type of tank. Data is transmitted to a host database, allowing for remote viewing and logistical management that reduces costs associated with storage, distribution and delivery increasing operational efficiency.



Feature	Benefit
No need for manual level measurements	Less required tank access reduced labor costs
Deliveries only when they are needed	Reduced inventory carrying costs
Eliminate emergency deliveries and run outs	Cut expediting fees and improve customer satisfaction
Efficiently schedule deliveries to even remote customers	Can increase customer base without adding additional capital
Check the status on all your tanks any time from any computer	Peace of mind with ability to check on facilities



Complete automated remote tank-level monitoring solution consists of:

1. Micropowered Impulse Radar sensors located on each tank transmit data to central controller
2. On site controller receives data from all site tanks and sends information to a single PC or to internet data site
3. Either a web based or PC based software interprets data and displays key information such as tank levels, usage, and critical alarms
4. End users can request deliveries and suppliers can plan least-cost-delivery-route to reduce costs and improve efficiencies



Monitor Specifications:

Measurement Method	Micropower Impulse Radar
Accuracy	+/- 0.3"(8mm) or 0.5% of probe length (whichever is greater)
Length	Standard lengths: 72" (182.9cm), 144" (365.8cm), 240" (609.6cm), 360" (914.4cm), 480" (1219.2cm)
Output	Transmits ID, level data, temperature, signal strength, battery level and internal diagnostics data to Controller at preset intervals
Radio Communication	Transmits line of sight up to 1000' at 916.5 MHz
Power Requirements	6V Battery Pack (Battery Life 2 years at 4 hour intervals)
Construction	Weather proof, non corrosive
Operating Temperature	- 40° F to 140° F
Pressure Rating	15 PSI Max
Approvals	Intrinsically Safe



Controller Specifications: (TS7000)

Operating Temperature	- 32° F to + 140° F
Enclosure	NEMA 1/IP30 – Indoor Only
Power Requirements	110 VAC (60Hz)
Radio Communications	Internal Receiver for use with up to 30+ Monitors
Phone Modem	Internal landline modem w/ RJ11 connection
Local PC Interface	USB
Internet Connection	Ethernet