

## Own your Assets

Size absolutely matters, and LevelCon's StarPin packs a huge punch with a small footprint. Utilizing the the extremely efficient CatM1 cellular network StarPin transmits valuable tank level data directly to the LevelCon mobile secure cloud. This monitoring solution, literally fits in the palm of your hand.

## Typical Applications

- Product level monitoring including fuels, water, lubricants, chemicals, gases, solids
- Residential or Industrial Propane level monitoring
- Frac Tank monitoring
- Backup generator fuel levels



## Specifications

- 1 Analog Input & 1 Digital Grounding Input- Alarm Capable. Intrinsically safe: Class I Div 1 Group D Certified
- Multi-sensor RS485 deployment /UART Modbus, I2C
- Verizon, AT&T, CatM1 LTE
- BLE Bluetooth low Energy
- GPS enabled for mobile asset tracking
- Integrated temperature and barometric pressure sensor
- 24/7 access to data on LevelCon Cloud or local SCADA
- Solar augmented super capacitor power system

## Installation

The StarPin is compatible with nearly any sensor on the market. We pair the contents of your tanks to the proper sensor for a perfect match.

### 3 Step Installation:

1. Place the StarPin anywhere on the tank via single enclosed Neodymium magnetic base
2. Install the sensor into a 2" NPT port on the top of the tank and connect the weather proof Chogori connector to the device.
3. Gently shake the StarPin to activate an initial report.



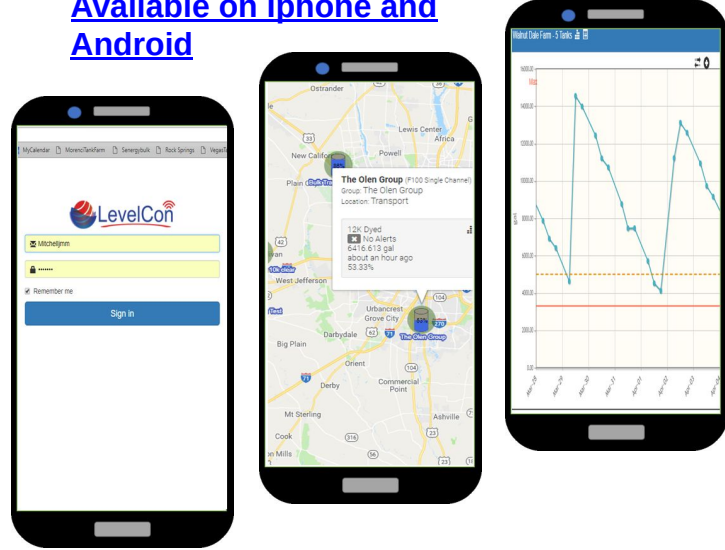
### Easy Deployment and Maintenance

The StarPin is unlike any other monitor in its class. Using a highly efficient solar augmented super capacitor solar system, the StarPin is able to crank out data anywhere the sun shines. This device is perfect for low frequency tank level data reporting and is compatible with a wide array of industry standard sensors.

The custom **IP67 enclosure** eliminates any concern regarding water or other weather intrusion, and small design allows the monitor to safely secure to any type of tank..

The StarPin operates globally at temperatures between **-40C > 70C**.

### Available on Iphone and Android



### Sample Customer Views

Dashboard										
Channel	Location	Value	Percentage Full	Metric	Base Value	Date	Age	Status		
<b>Group: Frac Fuel Tanks</b>										
<b>Location: No Location</b>										
WTXXTO1 - T200/300 Location	No Location	31.98609,-102.0888	n/a	lat,lng		9/6/2017, 9:02:09 AM	6 minutes	No Alerts		
WTXXTO1 - Tank Level	No Location	855.027	4.08%	gal	4.246	9/6/2017, 9:02:09 AM	6 minutes	No Alerts		
<b>Group: Lube Tank Operations</b>										
<b>Location: OKC Lube Yard</b>										
Lube 0184 Tank 3 - AW32	OKC Lube Yard	4122.154	44.09%	gal	61.021	9/6/2017, 6:02:57 AM	about 3 hours	OK		
Lube 0184 Tank 4 - AW46	OKC Lube Yard	2669.398	28.28%	gal	25.742	9/6/2017, 6:02:57 AM	about 3 hours	OK		
Lube 1400 Tank 2 - 85W140	OKC Lube Yard	2829.221	30.26%	gal	45.199	9/6/2017, 6:02:40 AM	about 3 hours	OK		
Lube 1400- Tank 1 - 15W40	OKC Lube Yard	1810.049	19.17%	gal	16.825	9/6/2017, 6:02:40 AM	about 3 hours	LOW		

