

# Techtrol Tank Monitoring Software - TTMS

TTMS tank monitoring software is used to visually display and monitor liquid level in tanks/silos on PC screen. It is used in conjunction with Techtrol Indicator Universal Controller (TUIC) for few tanks or Techtrol Scanner (TSCN) for multiple tanks.

## Salient Features :

- ☑ Easy to install on your PC.
- ☑ Economical multiple-tank (max.16 nos) level monitoring.
- ☑ Coloured graphical representation of tank liquid levels.
- ☑ Data logging for level & volume in tanks with minimum scan time of 3 secs.

## Working of Software :

Working of Software with Techtrol Indicator Controller & Scanner :

The Software can be used in three configurations.

1. TTMS with one TUIC per individual tank.
2. TTMS with one 8 channel scanner for max. 8 tanks.
3. TTMS with one 16 channel scanner for max. 16 tanks.

The o/p of level transmitters (4-20mA) mounted on tank is connected to Techtrol Universal Indicator Controller or Scanner to transfer information via it to a PC through serial communication using RS 485 modbus protocol (fig 1a & 1b).

## Display Screen of PC with tank data:

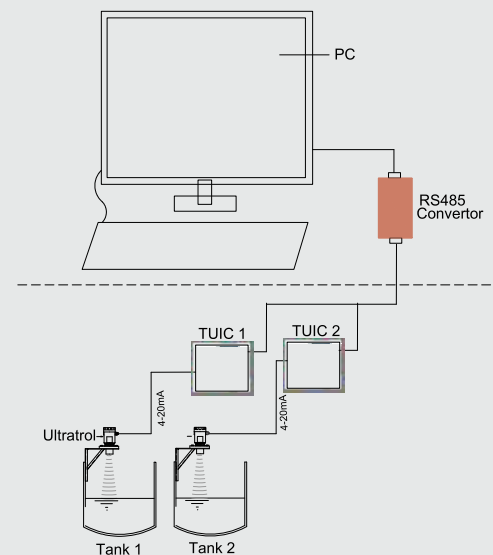
The scan time of data from multiple tanks can be set for a desired fixed time. The screen will display individual tanks with information on its right side. The data includes Tank No, Tag Name, Tank Level in % or mm and Volume in % or liters. Individual relay status is displayed by corresponding indicator which illuminates on relay being energized.

Colour code as per your choice can be allotted to specific service medium, to display them in different colours in various tanks. The communication with specific TUIC can be confirmed through a flashing indicator at top of each tank and simultaneous responses at lower end of the screen. In case of scanner, the communication is confirmed through a flashing indicator and responses at lower end of screen. The tank data (level & volume) of respective tanks for particular period can be viewed and stored on excel sheet for retrospective analysis. The screen can display maximum of 6 tanks per scroll. As such, 16 tanks can be viewed in 3 scrolls.



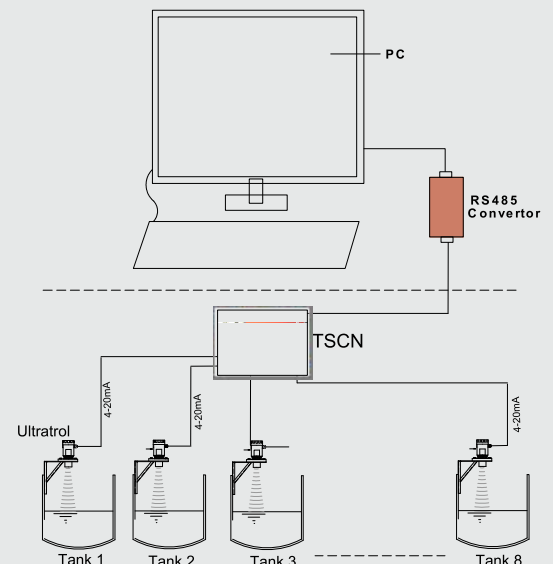
## Configuration with TUIC :

Fig 1a.

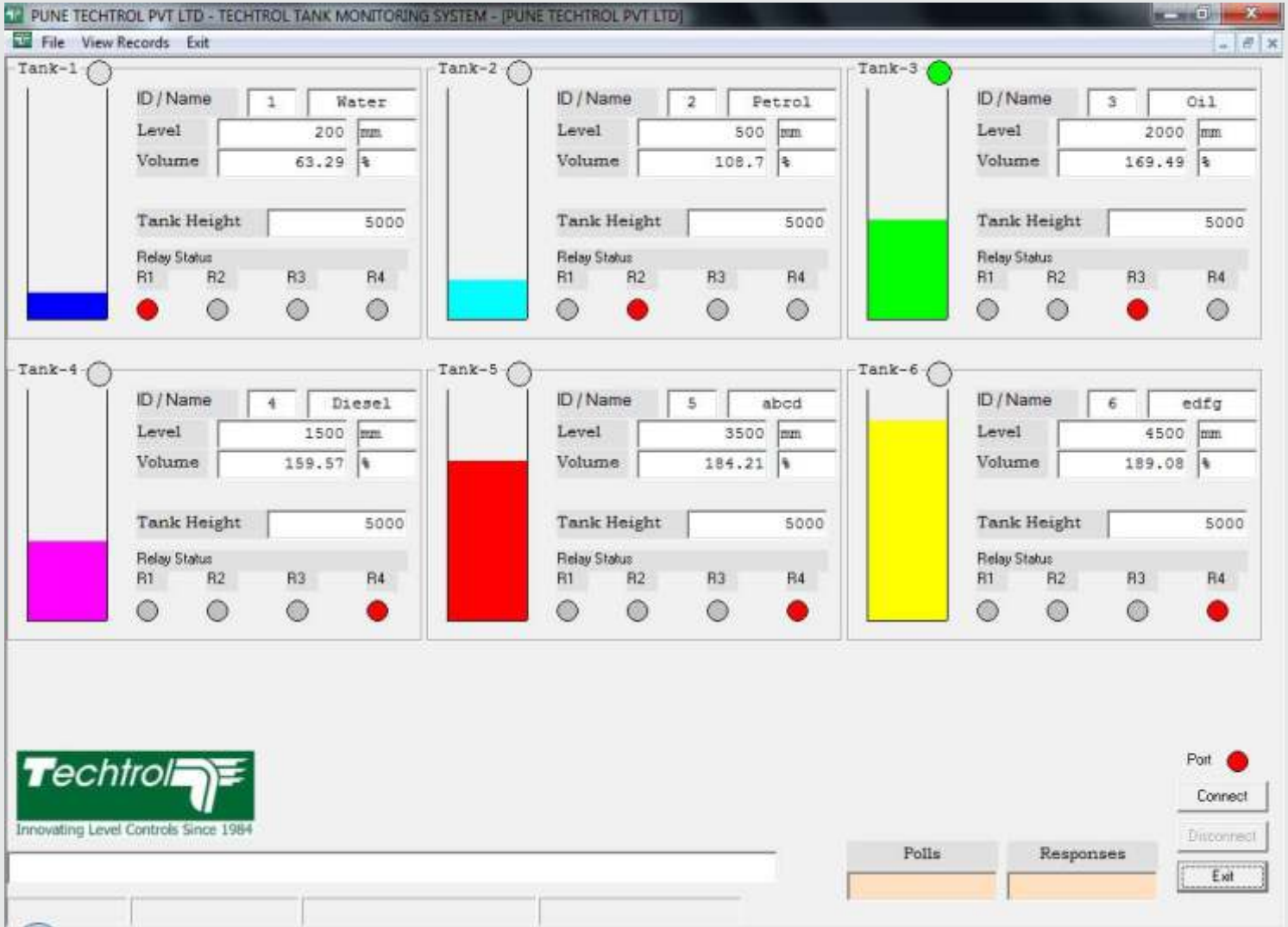


## Configuration with TSCN :

Fig 1b.



**PC screen showing data in multiple tanks with TUIC :**



**Applications :**

Monitoring high value liquids in Food, Oil, Chemical & Petrochemical industries and Marine & Shipping industry.

**Ordering Information :**

You can place your order for Techtrol Tank Monitoring Software (TTMS) along with Techtrol universal indicator controller or Scanner as per your requirement.

**Model Identification :**

