

# TANK MONITORING & FUEL STOCK ROTATION



## ! THE PROBLEMS

1. Stagnant or contaminated fuel and oil stock affecting injectors and the overall performance of vehicles and equipment requiring expensive repairs.
2. Not having enough fuel on site and struggling to efficiently keep your fuel supplier updated on your requirements.
3. Safety hazard and time-intensive process having people climb up on delivery and storage tanks to check stock levels.

## THE SOLUTIONS

See page 2 for details →

### Banlaw LevelTrack™

Automatic tank gauging system and water detection for all shapes and sizes of bulk storage tanks.

### Tank Side Monitoring

Easily see tank levels and other variables such as valve positions on a tank side screen.

### Fuel Stock Rotation

Automatically ensure efficient turnover in every tank, to reduce the microbial growth and prevent the degradation of fuels and other hydrocarbons.

## KEY BENEFITS

### Productivity

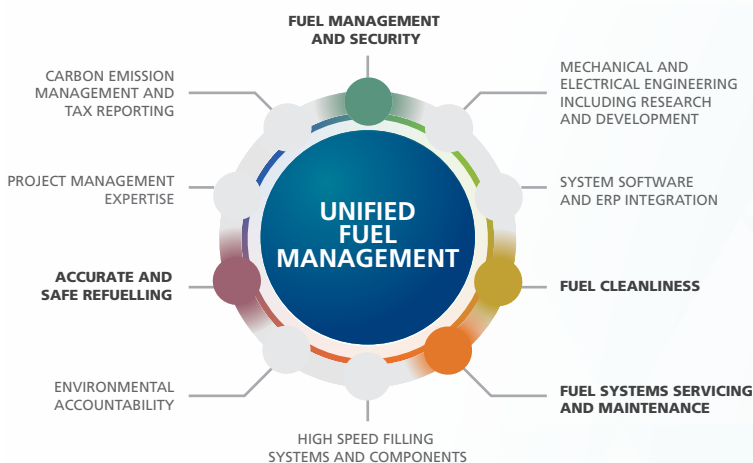
- ▶ Automatic tank gauging – no need to manually dip tanks.
- ▶ Detailed reporting – make informed decisions.
- ▶ View tank levels accurately and safely from ground level.
- ▶ Site and supplier stakeholders have visibility to ensure fuel and oil are always delivered and available.
- ▶ Ensures fuel is circulated to prevent contamination, ensuring optimal performance of equipment.

### Safety

- ▶ Reconcile tank inventory levels without having to climb in and dip tanks.

### Key Features

- ▶ Automated systems.
- ▶ Able to be integrated into existing systems or designed new, specific to your needs.
- ▶ Easily obtain and use reports to put you in control.



# MODULAR INVENTORY MANAGEMENT SOLUTIONS TO SAFELY ENSURE YOUR FUEL AND HYDROCARBONS ARE ON HAND AND AT THEIR OPTIMUM TO MAXIMISE EQUIPMENT PERFORMANCE.



## BANLAW LEVELTRACK™

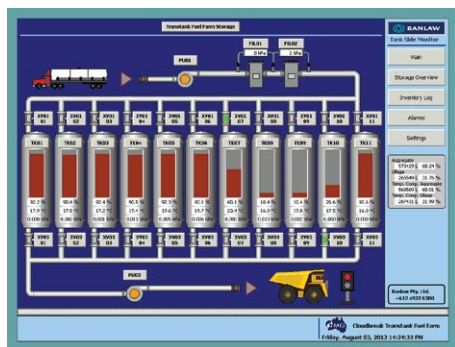
LevelTrack is Banlaw's automatic tank gauging application that records the actual fuel inventory level of tanks. Instruments on top of the tank/s automatically and remotely provide you with:

- tank volume and temperature data
- temperature compensated volume calculations
- bulk storage water detection
- tank level alarming with email notification

LevelTrack is highly accurate, very reliable and is suited to many different environments and installations. The system uses the latest technology to calculate the product volume and temperature. There is no need to climb into tanks to measure and dip.

LevelTrack integrates with Banlaw FuelTrack™ and/or Tank Side Monitoring systems. You can view recent tank level data from the user interface. Data is also saved to a database where it is available to FuelTrack and Banlaw reports. You can schedule regular reports and receive them via email. You have more control with information such as:

- graphical display of tank levels over time
- historical tank levels
- tank alarm data.



## TANK SIDE MONITORING

Tank Side Monitor is a field device that provides a graphical representation of the storage on a screen located at the side of the tank (usually where the fuel is delivered) so operators, delivery drivers or inventory control staffs can instantly see the product levels in each of the tanks. There is no need to climb and manually dip the tank.

Tank Side Monitor interfaces with Banlaw LevelTrack™, eliminating the need to be on site to monitor the product levels.

The monitor can be customised to perform various process control tasks and display various process variables including Banlaw's stock rotation system, overfill protection, and monitoring of the whole fuel farm.



## AUTOMATED FUEL STOCK ROTATION

In a multi tank environment, without fuel stock rotation, most fuel or other hydrocarbons are drawn from or dispensed into those tanks closer to the pumps. The tank content farthest away from the pumps stays unused for long periods of time, leading to it becoming stale and causing potential microbial build up in the tank. This can be detrimental to engines and overall equipment performance, impacting on efficient operations and maintenance costs.

Banlaw's automated stock rotation solution uses a 'First in, First Out' methodology to resolve this problem. With the press of a button, the system automatically selects the appropriate storage tank, saving money, time and labour. It can be integrated into an existing fuel farm control system or provided as a new system. The system can also be programmed to use other stock rotation methodologies.

# ORDER TODAY

Call us on **+61 2 4922 6300**, visit [banlaw.com](http://banlaw.com) or see your Banlaw distributor today to start realising the benefits of tank monitoring and stock rotation systems and solutions for your business