

Overview

ST200 is designed to implement a standardised fuel management procedure across all your refuelling sites with immediate effect without implementing any physical equipment.

We consider fuel management to be a structured process like any other management process. Our reporting and fuel management website is the core of all our client interfaces. Our approach is one of complete flexibility and our objective is to build and develop a long term relationship.

The website offers a range of solutions starting with basic manual entry solutions aimed at small volume fuel consumers or alternatively clients that want to slowly develop their control process to a more sophisticated solution over time.

The idea being that the manual control procedures that are implemented can be migrated to electronic systems where the need is identified.

How it works

The web based services work on the following principals and is setup per site:

- Each site is setup manually on the website to control fuel within a structured environment and standardised fuel management procedures.
- You will be provided with a dedicated website that will list all fuel dispensing points and mobile browsers.
- For each dispensing point the following information will be captured once off:
 - Tanks and tank capacity;
 - Pumps linked to tanks;
 - Vehicles that will be authorised to receive fuel;
 - If driver reporting is required, the drivers can also be setup and linked to transactions.
 - If you make use of tracking systems this can be integrated with our manual fuel management.
- We will assist with the setup of your sites.
- Via the website you will be able to issue and print the daily fuel transaction sheets that will be controlled with an automated serial number. The following information will be written on the fuel transaction sheets.
 - The fuel transaction detailing the vehicle that was refuelled, date and time, engine hour or odometer reading and volume dispensed;
 - Each sheet will provide for the opening and closing pump totalised readings and the manual dips of each tank;
 - All bulk fuel receipts will be entered onto the site information sheet.

- On a daily basis the following information will be captured:
 - Each fuel sheet will be returned to the office for capturing into the website and the following information will be captured:
 - Opening and closing pump totalisers – this will calculate the volume of fuel dispensed during the previous day or shift;
 - Bulk fuel dips – this is a control of bulk fuel movement from day to day;
 - The above fields will ensure that the logic of the site reconciliations are managed to eliminate writing or capturing errors;
 - Transaction related information as written down by the fuel attendant. The vehicle related information will be entered based on the preloaded vehicle information making use of dropdown options.
 - Based on the above all interested parties will have access to a wide spectrum of information via predefined reports or self-help options.
 - Fuel stocks in each tank;
 - Fuel volumes consumed by site;
 - Vehicle consumption data.
 - This information can be used for:
 - Central fuel purchases;
 - Stock management;
 - Vehicle consumption reporting;
 - Cross billing for fuel drawn from centrally managed facilities etc.

The future

- As the system grows the information captured manually can be automatically captured by our ST1000 and other pump controllers, which then supersede the manually captured data.
- For clients with multiple sites you can run your solution with a combination of manually captured data and automatic fuel management systems.
- Electronic tank gauging can also be used to capture the bulk stock information automatically.



Daily Fuel capture sheets

- Manual Entry Sheet Control

#	Sheet No	Date	Deliveries	Dispensed	Status
Edit New Delete	1304077	07/04/2013			Open
Edit New Delete	1304087	08/04/2013			Open
Edit New Delete	1304147	14/04/2013			Open
Edit New Delete	1304157	15/04/2013			
Edit New Delete	1304167	16/04/2013	30000.00		
Edit New Delete	1304177	17/04/2013			
Edit New Delete	1304187	18/04/2013	39700.00		
Edit New Delete	1304197	19/04/2013			
Edit New Delete	1304207	20/04/2013	4500.00	500	

- Manual Vehicle Transaction entries

Line	Vehicle Reg	Time	Odometer	Qty
1	VREG 6	06:00:00	600	60.00
2	VREG 6	07:00:00	700	70.00

- Pump Totaliser and bulk tank dip readings

Device Alias	Opening Totalizer / Dip	Closing Totalizer / Dip
Pump1	1000.00	2000.00
Pump2	3000.00	4000.00
Tank3	5000.00	6000.00

- Bulk Fuel Receipts

Supplier	Inv No	Del Note No	Quantity
1	INV1	DEL1	10000.00
1	INV2	DEL2	20000.00

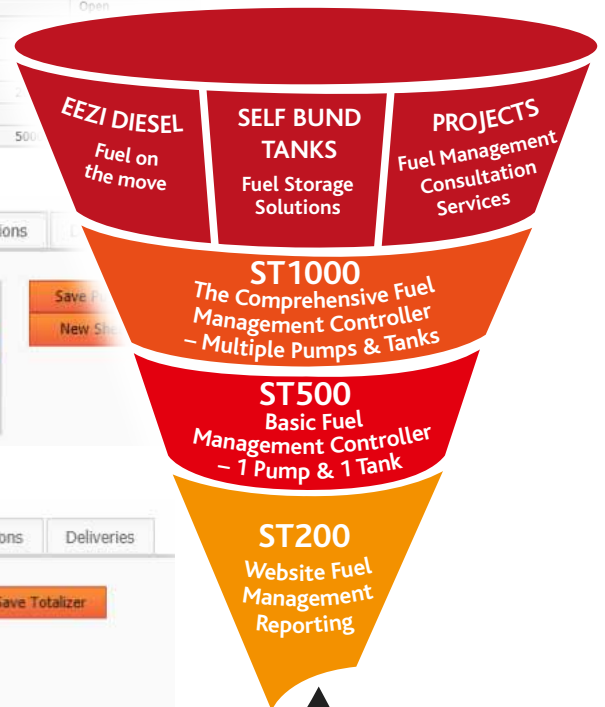
- Importing external transactions done at other sites

Line	Vehicle Reg	Time	Odometer	Qty
1	REGS	05:00:00	500	50.00
2	REG5	06:00:00	1000	50.00

- Based on the above input the following reports (as well as additional customized reports) are available:

SITE RECON REPORT

	21/06/2013	22/06/2013	23/06/2013	24/06/2013	25/06/2013	26/06/2013	27/06/2013
Previous Day Closing Dip	38,029.68	33,430.86	30,357.16	27,564.88	22,367.24	18,512.04	13,833.96
Delivery Tank 1							28,165.48
Dispensing Pump 1	4,419.05	3,177.30	2,872.25	5,220.96	3,792.41	4,547.19	4,507.81
Closing Balance	33,610.63	30,253.56	27,484.91	22,343.92	18,574.83	13,964.85	37,491.63
Dip Reading Tank 1	33,430.86	30,357.16	27,564.88	22,367.24	18,512.04	13,833.96	37,542.96
Daily Variance	179.77	-103.60	-79.97	-23.32	62.79	130.89	-51.33
Percentage Variance	0.01	0.00	0.00	0.00	0.00	0.01	0.00
Cumulative Variance	179.77	76.17	-3.80	-27.12	35.67	166.56	115.23



Web based reporting brings all solutions together in one reporting platform including:

- Manual entry & fuel control facilities
- Manual & electronic solutions for multiple site reporting
- Integrating existing systems such as GPS tracking & camera technologies