

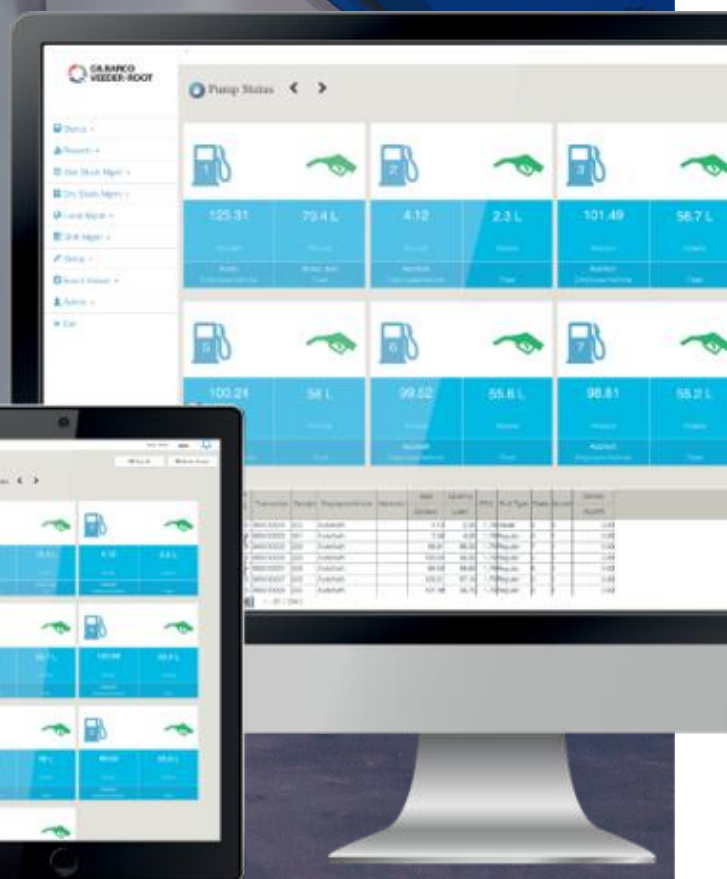
# LIGO

## Fuel Point of Sale

Forecourt Management System



- ✓ Simplicity
- ✓ Site Control
- ✓ BOS, POS & Reporting
- ✓ Dedicated User Interface



Forecourt automation



**GILBARCO  
VEEDER-ROOT**

# Simplicity and Control

Consisting of Back Office (BOS), Point of Sale (POS) and reporting system, Ligo by Gilbarco Veeder-Root brings the simplicity of forecourt control with our dedicated user-interface. Embedded within our DOMS PSS 5000, Ligo provides a complete wetstock management solution at site level for a wide range of businesses.

## The heart of the fuel station

LIGO is the heart of the fuel station, providing a complete and secure site management package that runs on DOMS FCC hardware.

It covers all aspects of site operations in real-time and is suited for any operation model: COCO, DODO, & CODO, as well as any business logic.

LIGO Back Office Solution & Site Operations Management Software includes a rich array of intuitive and easy-to-use management and reporting modules, designed specifically to ensure flawless operation and maximize fuel and dry good sales at the site.



**Integrated.  
Intelligent.**

Fully integrated with Gilbarco Veeder-Root's Retail Head Office, the solution allows forecourt to cloud real-time management and visibility according to the operational model of the site.





# Advanced features.

## Simplified operations.



### Proven technology

With thousands of installations in the field, LIGO has proven itself repeatedly to be a reliable and robust wet-stock management application for managing diverse networks of retail petroleum sites.



### Full wet & dry stock control

LIGO provides full control of wet-stock as well as dry-stock including deliveries, inventory and reconciliation.



### Reporting engine

Comprehensive site reporting is available on historical transactions, site statistics and device events. Print those data out or export it into a variety of formats.



### Intuitive user interfaces

We know that the secret to success is timely response to events on site, whether it is your cashier monitoring pump activity or quickly making changes to grade prices. We have ensured that the user interfaces in LIGO are simple and intuitive, minimizing training time and allowing you to access features quickly.



### Scalable to C-Store POS

When your network includes large C-Stores, LIGO can be accompanied with a C-Store POS from the same application family.



LIGO is an embedded Fuel POS/BOS within the PSS5000 forecourt controller and is accessible from any web enable device.



# Why choose LIGO?

## Your Integrated Forecourt Management System



### BOS – Back Office System

- Retail fuel service sites management covering all aspects of operations in
- real-time
- Pricing and product catalogue
- All wet stock management functions
- Employees and shift management
- Customer management with local accounts



### POS – Point of Sale

- Pump and tank real time status and control
- Dry item sales in the forecourt
- Integrated part of the BOS



### Reporting

- Access locally or remotely using any browser or mobile device
- Real time view on station operations, sales, inventories, shifts
- Easily generate report covering all activity aspects



## Benefits of the Ligo Fuel Point of Sale



### Improve operational efficiencies

Improve operational efficiencies and productivity with the simple to use LIGO. Staff can monitor site activity and carry out their tasks in the kiosk or from the back office without needing to physically access the forecourt.



### Maximize Revenues

Increase customer throughput with LIGO, easily and securely. It provides the reporting and functionality you need to quickly identify stock losses and makes configuration changes quickly and efficiently.



### Improve user experience

With LIGO, you can configure a wide range of operating modes for the site. This allows you to provide a customized user experience, while still controlling your site and protecting your stock. For example, support for pre-pay and post-pay; night and day modes.



### Report and track results

With the LIGO reporting engine you have access to a wealth of data to figure out the performance of your site. It provides to your employees comprehensive reports so they have the information they need to facilitate their daily results.

# Ligo Report Functionality

LIGO provides a flexible reporting package to allow easy generation of report data.



## Attendant Sales Report

The Attendant Sales report displays the transactions authorized by attendants, and includes several fields



## Tank Inventory Report

The Tank Inventory report displays the current inventory of tanks grouped by product type and the total volume for each product, and includes several fields



## Attendant Sales Summary Report

The Attendant Sales Summary report displays a summary of all transactions authorized by attendants on the selected day. The report is broken by shifts.



## Stock Reconciliation Report

The Stock Reconciliation Report displays wet stock balance data for a specific tank within the selected time range



## Local Account Transactions Report

The Local Account Transactions report displays the transactions performed by local accounts' vehicles, and includes several fields



## Shift Reports

Shift report provides you with detailed shift data. The Shift Report displays the pump counters as read at the beginning and at the end of the selected shifts



## Pump-Wise Delivery Report

The Pump-Wise Delivery report displays the transactions per pump within the selected time range, and includes several fields



## Daily Report

The Daily Report displays a summary of all transactions performed throughout all of the shifts on the selected day detailed by pump, including pump counters.



## Product-Wise Dispenser Delivery Report

The Product-Wise Dispenser Delivery report displays the transactions per product within the selected time range, and includes several fields



## Alarm Duration Report

The Alarm Duration report provides a detailed description of the alarms generated by the system.



## Custom Reports

- Report Header: Set title of the report
- Rows in page: Sets the number of rows (Records)
- Report Criteria: Data to be included in the report
- Template options: To save specific report parameters under new report name for future use.
- Report Structure Options: Break By, Sort By, Summary Only
- Functional Buttons: Clear order fields, To File, Print



## Export

- Defining a Template: To help define a new template with all the fields to be included in the export and their order of appearance. (Description of each field is in the User Manual)
- Setting the Export Range: Dates range, All Transactions, From last export, Transactions Type
- Scheduling Automatic Export: Transactions export can be scheduled to run automatically at predefined time intervals. FTP export is also possible.
- Running Manual Export: Manual export can be done immediately by selecting a template, selecting time period and clicking on run



# Forecourt automation. Simplified.

## FORECOURT ONLY

### Technologies:

- > Ligo Fuel POS
- > DOMS PSS 5000 Forecourt Controller
- > Automatic Tank Gauging

### Additional:

Attendant Tagging  
Automatic Vehicle Identification

## FORECOURT AND C-STORE

### Technologies:

- > Passport Alpha C-Store POS
- > Passport Alpha Back Office System
- > DOMS PSS 5000 Forecourt Controller
- > Automatic Tank Gauging

### Additional:

Attendant Tagging  
Automatic Vehicle Identification

## INDEPENDENT FORECOURT AND C-STORE

### Technologies:

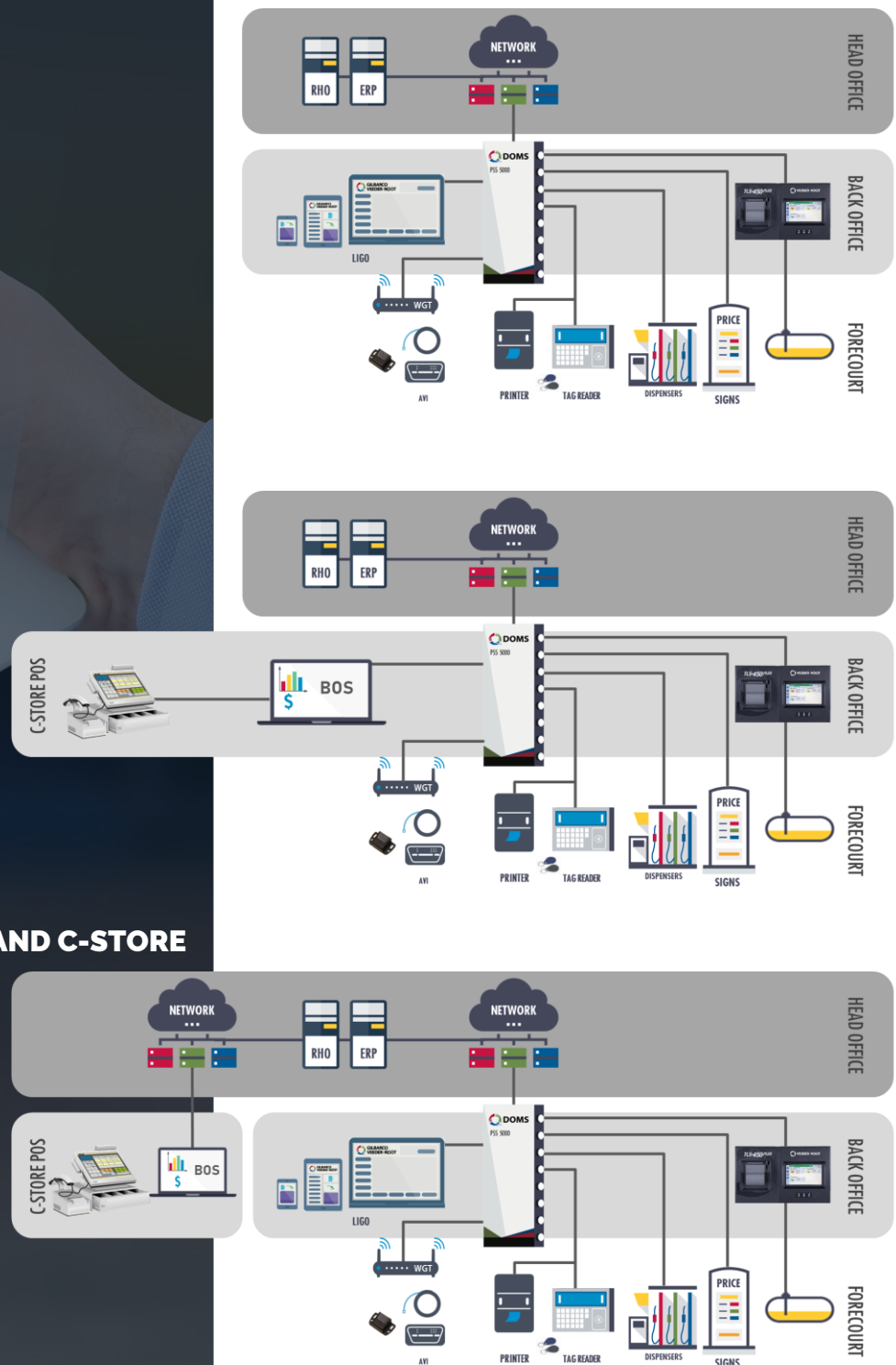
- > Ligo Fuel POS
- > Passport Alpha C-Store POS
- > Passport Alpha Back Office System
- > DOMS PSS 5000 Forecourt Controller
- > Automatic Tank Gauging

### Additional:

Attendant Tagging  
Automatic Vehicle Identification

Managing sales and shifts, checking inventories and deliveries and ensuring that your forecourt is safe are some of the few reasons why the forecourt environment is challenging.

Forecourt automation detects and reduces fuel losses, ensures maximised uptime and increases efficiency and productivity.



# Ligo Fuel POS

## Your integrated forecourt management solution

For large networks.  
For single sites.



Find out how your business could benefit  
from forecourt automation.

Email: [GVR-mea-enquiries@gilbarco.com](mailto:GVR-mea-enquiries@gilbarco.com)

[www.gilbarco.com/mea](http://www.gilbarco.com/mea)

