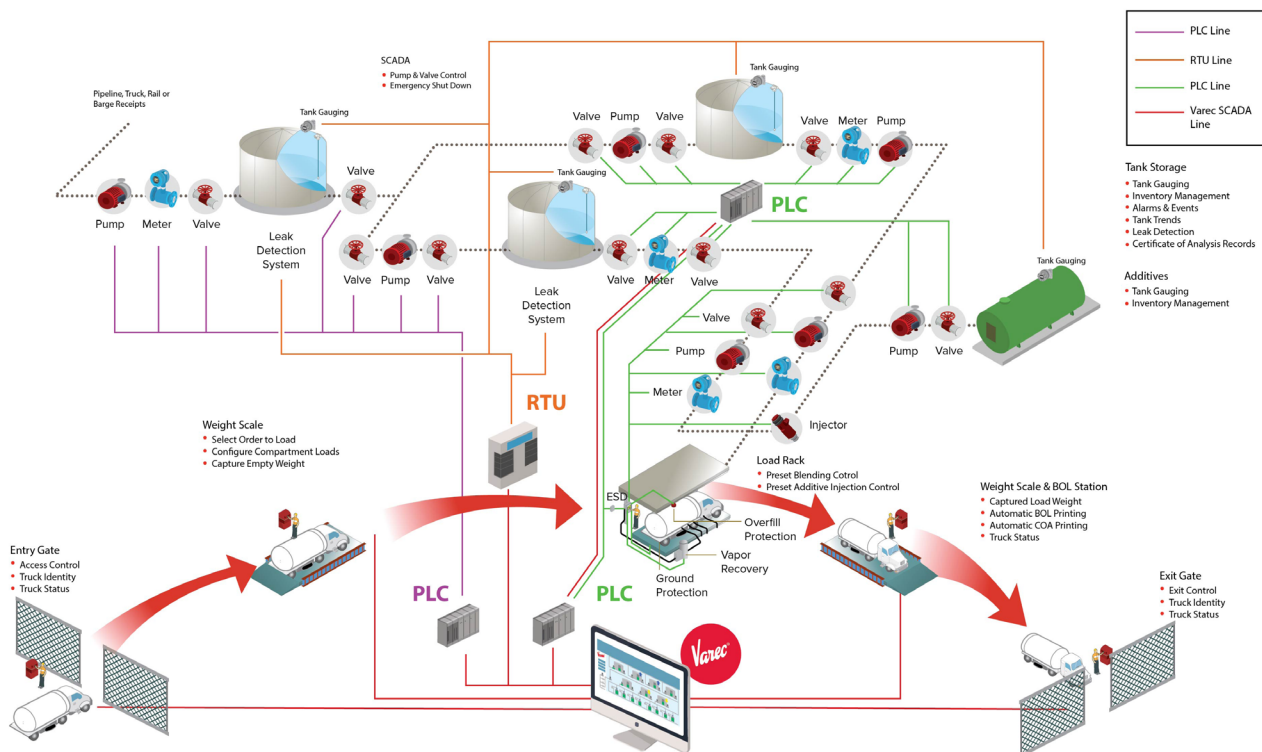


## Overview

Our terminal automation solution provides operators with tank storage monitoring and control, facility access control, truck loading and offloading, order entry, transaction management, accounting ledgers and inventory reconciliation.



## Terminal Automation

Hardware, Enterprise Software and Systems Engineering

### FuelsManager® Load Rack Automation Application

The FuelsManager Load Rack Automation application helps operators control facility access, and facilitates efficient, safe, and secure loading operations by interfacing to the 8620 Driver Entry Terminal. It is web-based and there is no client software to install. Interfaces are also available for 3rd-party automation and safety equipment, such as electronic presets, ESD and grounding systems, or load rack control equipment. The application is also compatible with TWIC identity verification standards.

#### Key Features

- Terminal access control at entry and exit gates
- Displays driver messages at preload stations, load controllers and entry/exit gates
- Real-time integration with tank gauges
- Validates product availability for loading/offloading
- Integrates with allocation control systems using PIDX format
- Multi-level allocation control including book inventory
- Verifies driver qualification and completion of required training
- Truck and trailer tests and inspections
- Verifies load ID to identify company relationship during transactions
- Supports Transportation Worker Identification Credential (TWIC)
- Integrates with Emergency Shutdown Systems
- Integrates with truck and trailer automatic identification systems
- Integrates with weight scale interfaces
- Interfaces with industry standard additive injection systems and meters
- Integrates with ground safety systems
- Rack activity and operator status reports
- Integrates load rack control and automation with industry standard presets
- Real-time monitoring of the load rack status
- Captures and stores driver signatures for BOLs
- Identifies broken blends and improper additization in real time
- Support for swing arm load racks
- Support for top and bottom loading racks
- Prints and stores DOT required bill of lading documents automatically
- Alarm notifications via email
- Alarm and event log with audit trail
- Integrates with SAP and many other ERP systems
- Enterprise view of all terminal activity
- Enterprise management of companies, products, equipment, drivers, etc.
- Enterprise reports available for customers
- Enterprise reports for corporate reporting

