

Driver Access & Loading Control for Tank Farms, Terminals & Refineries



Improved Control & Throughput

FuelsManager Oil & Gas Terminal Automation Edition supports all aspects of driver entry and load operations and will improve the efficiency of loading operations on manually operated racks, or racks with advanced electronic control equipment.

Control facility access and facilitate efficient, safe, and secure loading operations by interfacing to automation equipment, such as electronic presets or load rack control equipment

Collect, Verify & Control

FuelsManager validates allocations, company, transaction, driver, and equipment information against every orders to ensure that the correct product is loaded in the safest and most efficient manner possible.

Configure for Your Existing Automation Equipment

Your operators can configure specific data for a wide variety of industry standard equipment types found at entry and exit gates, pre-load stations, weigh scales, load racks and BOL stations. Thi sincludes driver entry terminals, presets, weight scales, load controllers, load arms, additive injectors and meters. FuelsManager uses standard OPC connections to interface to these devices or connects via the Varec Driver Entry Terminal (DET).

BOL and Transactions Reports

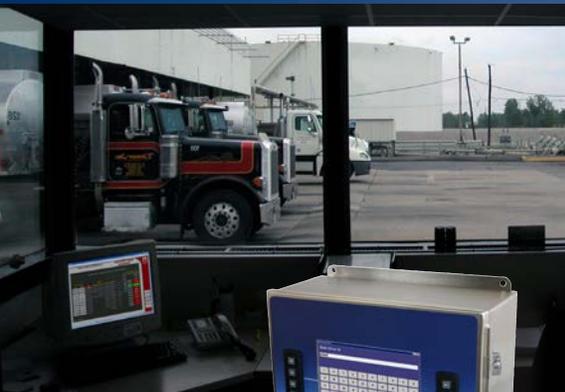
From a single display, your operators can produce Bill of Lading (BOL) and transaction reports for inventory reconciliation, account reporting or financial processing to SAP Oil & Gas, PetroEX and TABS.

TWIC Compliance

FuelsManager security and database features are developed in line with current TWIC developments. The Varec DET's FIPS-201 compliant biometric card reader and high resolution fingerprint scanner also fully support TWIC data collection requirements.

Driver Access & Loading Control

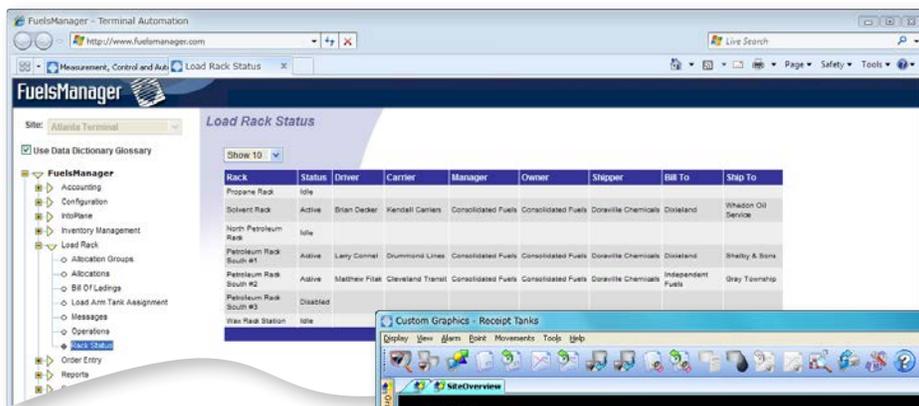
for Tank Farms, Terminals & Refineries



Driver Entry Terminal



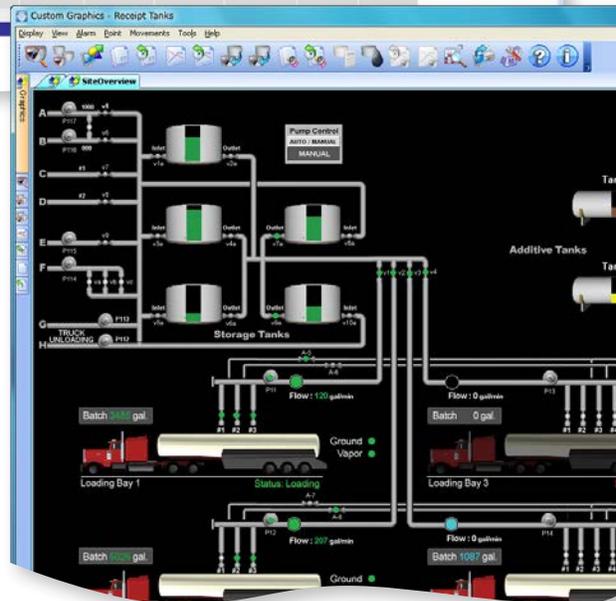
The Varec Driver Entry Terminal (DET) interfaces to third-party control equipment. It uses card readers, fingerprint scanners, or keypad entry to collect ID data. FuelsManager then verifies against configured data, such as driver ID, order, schedule, company, customer, trailer, product allocations, etc. Once authorization is granted, the 8620 DET displays driver notifications and prompts and is capable of sending I/O commands to connected devices to control gates, valves, injection, grounding, and additive systems.



Load Rack Status

Real-Time Views

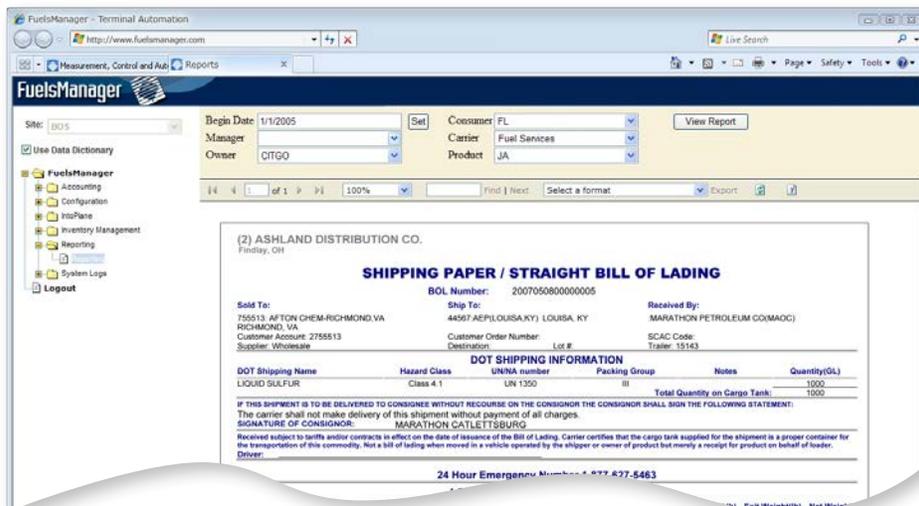
Operators are able to see the current status of the loading operations in table format that can be sorted based on activity or supply chain partner. Custom SCADA graphics can also be created to show the status and values of connected equipment, such as pumps, valves, meters, etc.



Custom SCADA Load Rack Overview

Bill of Lading (BOL)

FuelsManager allows complete customization of BOL reports to meet specific business formats. For example, BOLs can be generated based on the specific product with text and layout formatting as required. Additional form data can be hard coded in the BOL, including DOT and other forms and notifications. FuelsManager also supports unique sequence/document numbers for transactions, including Automatic and Manual BOL Numbering, Non Rack Transaction Numbering, Order Transaction Numbering, and Invoice Transaction Numbering.



Example BOL Report

