

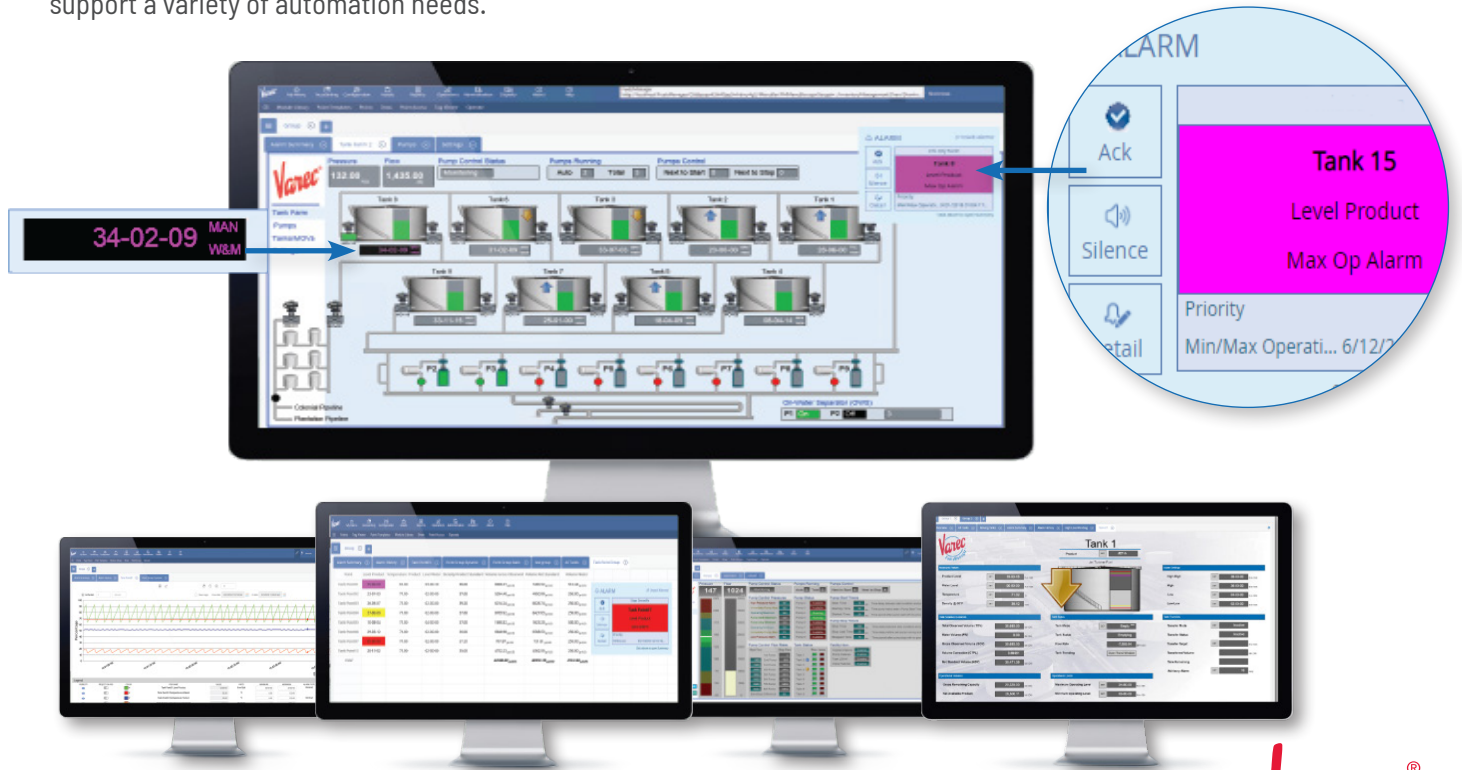


# FuelsManager

## Browser-Based Inventory Management and User Defined Customizations

### Overview

FuelsManager® has been an industry leading solution for managing bulk liquids for over three decades. This latest release, which focused on the Inventory Management and User Defined Customizations applications, provides terminal operators with a user-friendly, browser-based management tool that supports standard internet protocols and security. This new functionality helps reduce the IT footprint and provides for a faster deployment of the software across the enterprise. In addition, these FuelsManager applications include a powerful custom module editor that allows systems engineers to more easily customize standard tank calculations or create new types of data points to support a variety of automation needs.





# FuelsManager

Browser-Based Inventory Management and User Defined Customizations

## New Features in this Release

### Browser-Based Application

- No client software to install
- Intuitive user interface
- Reduced IT footprint resulting in lower implementation costs
- Faster deployment of future upgrades
- Limited security configuration required
- Supports kiosk mode view

### Enhanced Point Groups

- Alarm notification automatically displayed
- Flexibility in configuration across operators
- Fast configuration of static or dynamic point groups
- Summarized values across point group variables

### Enhanced Archiving and Trending

- Support for up to 16 pens
- Data archived to NoSQL/Cassandra data store
- Data captured on change for faster collection in real time
- Event based data collection for detailed analysis of process data
- Alarm status included in trend data
- Tabular view of archived data

### Enhanced SCADA Functionality

- Enhanced and flexible drawing tool
- Customizable animation for SCADA displays
- Compatible with industry standard PLC, DCS and remote I/O manufacturers

### Custom Point Templates

- Extended standard tank functionality
- Template creation for non tank related functionality
- Ability to modify standard templates
- Module editor for logic configuration based on unique requirements

### OPC UA Integration

- Built in communication to 8810 and 8130 RTU
- Secure communications over standard internet/network protocols
- Compatible with industry standard OPC UA servers, i.e. Kepware, Matrikon, etc.

Point	Product Description	Level Product	Temperature Product	Density Product Observed	Volume-Gross Observed	Volume-Total Observed
Tank 1	Ethanol	19-09-09	0.00	52.56	8,320.10	8,309.09
Tank 2	Regular	24-04-03	75.00	61.99	27,293.59	27,301.90
Tank 3	Regular	32-09-07	79.00	61.99	20,524.25	20,537.37
Tank 4	Regular	29-10-14	74.00	61.85	18,785.79	18,859.85
Tank 5	Sulfur Diesel	25-01-11	73.86	61.83	16,432.20	16,494.01
Tank 6	Premium	36-05-09	73.33	61.77	22,898.80	22,946.21
Tank 7	Regular	20-06-01	71.99	65.46	12,839.65	12,878.62
Subtotal					127,094.38	127,327.04

### Other Features Included:

- Tank Group • Tank Details • Alarm Management • Tank Transfer Management • Point Calculator • Tank Trends and Configuration
- Gauge Commands/Status • Customized/Standard Inventory Reports • Configuration Data Imports/Exports • Audit Trail

