Product Movement Tracking
for Tank Farms, Terminals & Refineries

Real-time Status, Alerts & Reports

Monitor bulk product transfers to and from your facility or from tank-to-tank within your facility

FuelsManager's Product Movement Tracking System is an ideal solution for facilities that do not operate an automation and control system, such as a DCS, or do not have integrated hardware capable of recording and storing important product movement data.

Designed for Your Operations

Operators are able to capture, view, and archive data for multiple product movements in real time. They are also able to reconcile movements after they have completed, identify discrepancies, and print movement tickets or produce reports detailing the actual amounts of product transferred. The system captures infomation automatically from field devices for all common movement types, including tank-to-tank transfers, charges, shipments, receipts, yields (rundowns), water drains, and blends.

Integrating Data from the Field

The movement system captures inventory data from field devices, such as RTUs, PLCs, automatic tank gauges, and reset/rollover flow meters. This allows data to be automatically collected and used in gross and net volume, mass, or flow rate calculations. If required these values can also be entered manually. For instance, you may want to reconcile measured volumes against third-party certified hand gauge data.

Daily Accounting

If a product movement continues for several days, a closeout record is written daily and a new record is opened. This provides a calculation of totals on a daily basis. If the source and destination for a movement have measurement devices, the difference between the source and destination is recorded so that your operators are aware of any discrepancies.
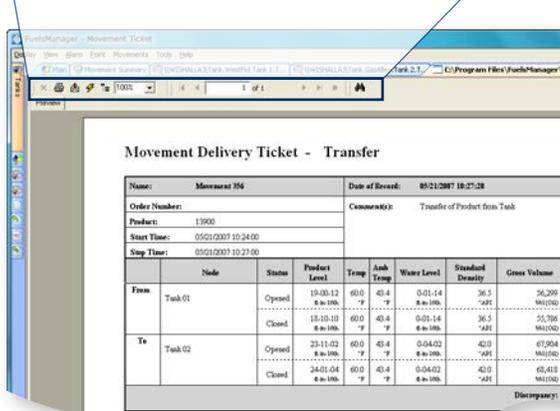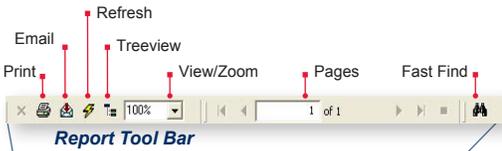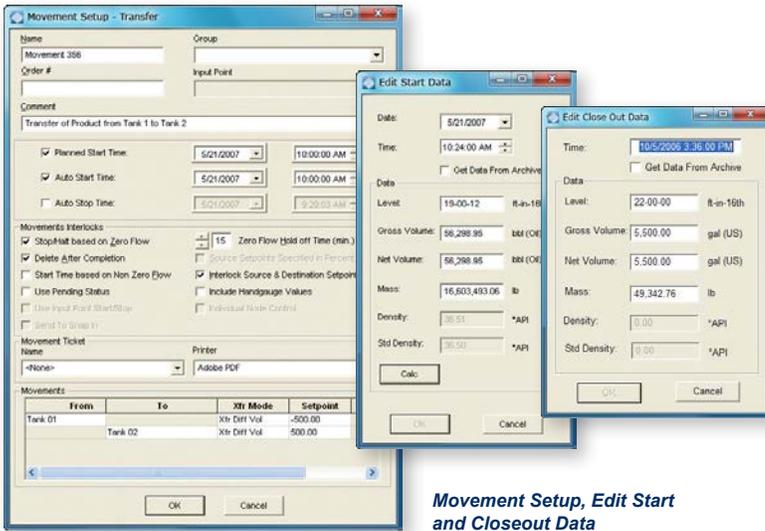
Measurement | Control | Automation | Enterprise | Integration | Support

FuelsManager®
OIL & GAS

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Movement Setup, Edit Start and Closeout Data

Transfer Setup, Modification and Closeout

The organized interface provides operators with an easy-to-use system for managing product movements.
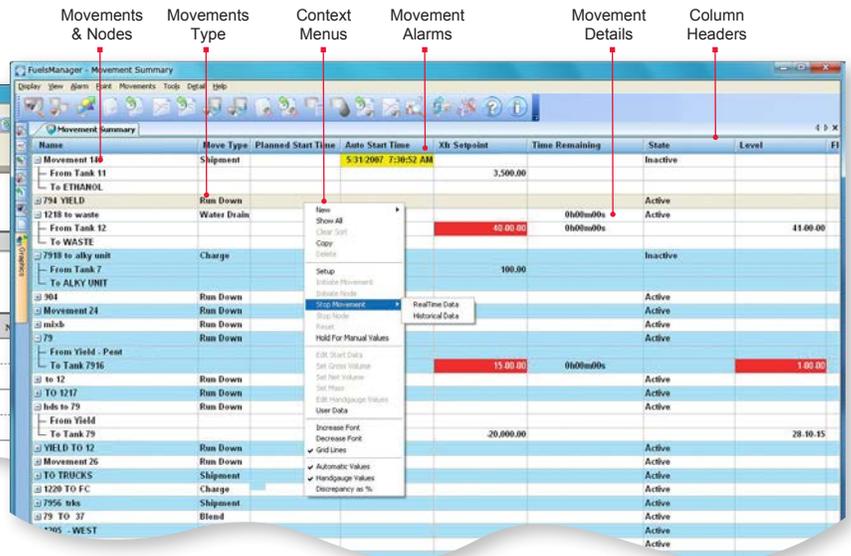
► *Automatically start and stop the collection of movement data for multiple movements based on plant status, such as a valve opening or pump starting, scheduled date and time, or from imported bulk shipment schedules*

► *Configure daily closeout time for any single time during the day*

► *Configure operational alarms at critical set points to automatically alert your operators*

► *Integrate with customer order, logistics, planning, and yield-accounting systems using custom interfaces to transmit real-time movement information*

Report Tool Bar

Typical Movement Ticket/Report

Typical Movement History

Reports and Tickets

Standard reports and tickets are supplied with the movement system or your operator can create custom reports and tickets using third-party reporting tools. Reports and tickets can be formatted based on your business needs. Reports can be previewed by the operator and then printed or scheduled to print automatically, such as when a movement ends or on the daily closeout schedule.

Movements and Transfers

The movement summary provides the operator with an easy-to-read tabular display of current product movements and a means to create and control new movements. Multiple movements can be configured and edited in-line with operations, without shutting down the system. They can be modified or corrected after completion using archived data collected by the movement system, thereby ensuring accurate start/stop data is used. Operators can easily expand or contract each movement to display/hide nodes and details for each individual movement or open multiple movement history windows and visually compare movement data from different days.