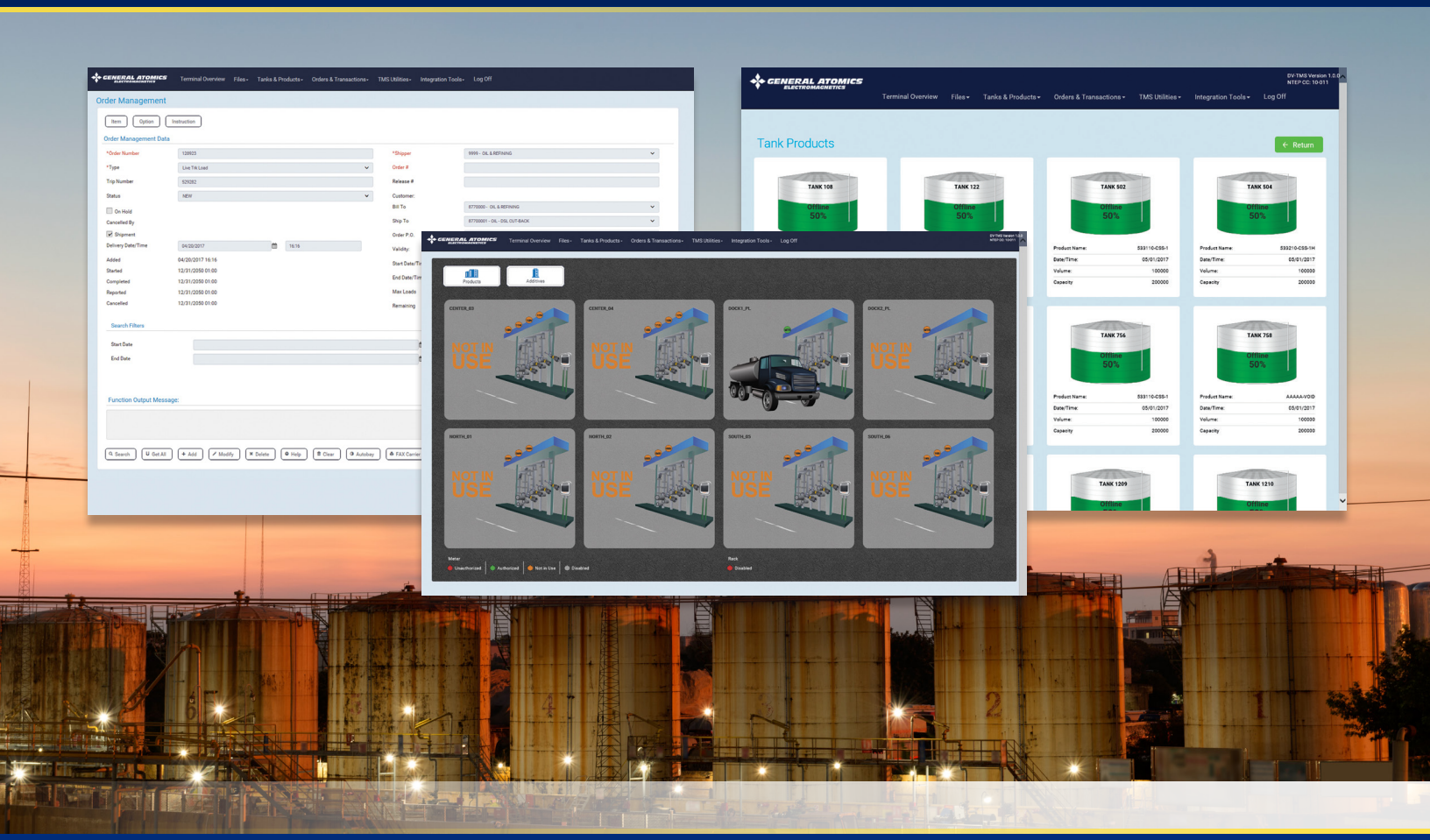
DATAVANTYX TERMINAL MANAGEMENT SYSTEM



The DataVantyx® Terminal Management System (DV-TMS) is an integrated 64-bit solution for the automation, management, operation, and maintenance of assets for any size terminal operation and bulk product inventory, including oil, gas, chemical, fertilizer, refined products, LPG, or LNG.

Terminal Management to Fit Your Needs

- Process transactions
- Control orders/allocation
- Process monitoring and control
- Inventory management
- Reports generation, bills of lading
- Interface to company-wide systems and network

GENERAL ATOMICS ELECTROMAGNETICS

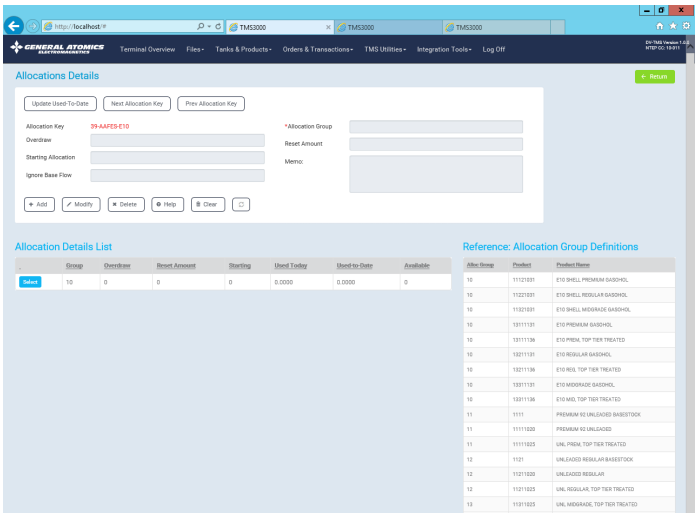
DATAVANTYX TERMINAL MANAGEMENT SYSTEM

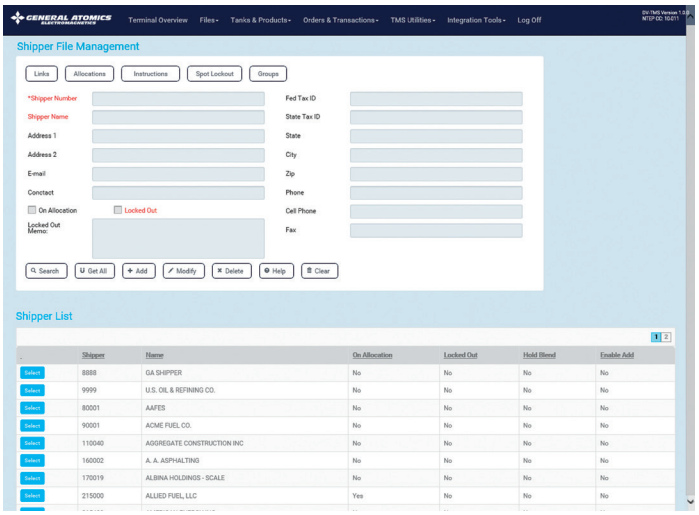
DV-TMS integrates with and controls loading racks and field-level devices for faster, more secure driver login and access, transaction processing, dispatching, manifest generation, and inventory control. DV-TMS also interfaces with corporate ERP systems to facilitate the smooth exchange of data through a company's network. With an intuitive web interface, operators can quickly access and process information to manage operations, product movement, and customer transactions to create greater efficiencies and throughput. As operations expand, the system is configurable to meet changing requirements for new products and additives, and the installation of additional field devices, databases, printers, and equipment.

KEY BENEFITS

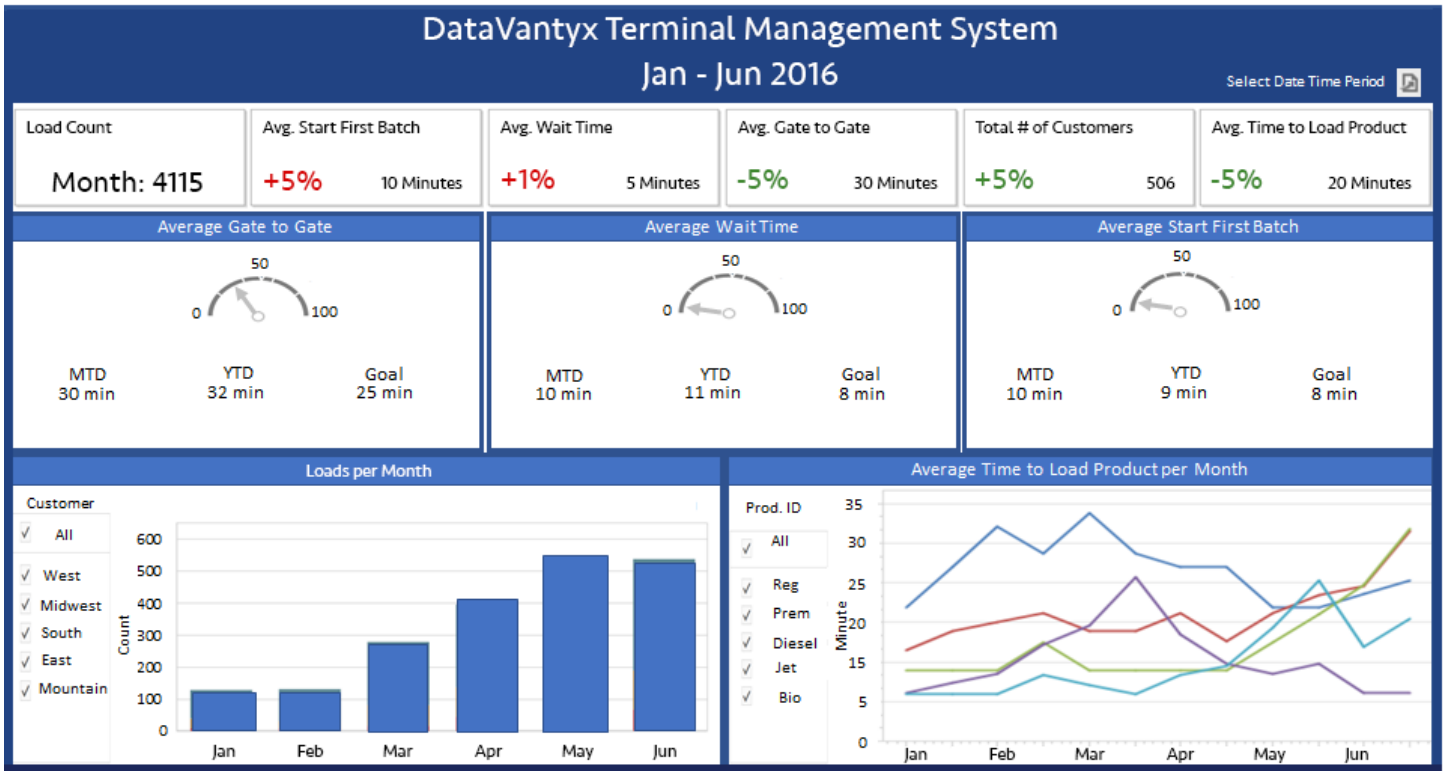
- Unlimited load-rack connections and client access included
- Windows environment, reliability of Linux
- Scripting engine for customizing reports, scheduling, and processes
- Scalable, open architecture
- Easy integration to industry devices
- ODBC-compliant, full relational database
- NTEP weights and measures certified
- 24/7/365 lifetime support
- In-depth training
- Customization services and support

DV-TMS is easy to deploy and troubleshoot, providing fast start-up and processing capabilities to reduce downtime and ensure reliable performance. The latest cybersecurity features are included for safe and secure company-wide access to data from any computer.





ANALYTICS AT THE SPEED OF BUSINESS



DV-TMS is based on the DataVantyx platform, a customizable, integrated analytics and modeling system designed to create actionable, analytics-based intelligence to help businesses remain agile and operate at peak performance.

The DataVantyx Enterprise System allows customers to create specific analyses and dashboards to manage, diagnose and predict the performance, health and readiness of systems and assets, spot trends, and respond quickly to changing dynamics. DataVantyx integrates, correlates, and extracts information from all available real-time and historical data sources, including databases, numerical, text and log files, devices, and sensors. Through advanced analytic data modeling, DataVantyx provides tailored diagnostic and predictive analyses to help customers manage and maintain assets, mitigate risk, accelerate responsiveness, improve productivity, and reduce costs.

Datavantyx also supports edge analytics, providing a more efficient way to leverage the vast amount of real-time data generated by distributed devices, such as sensors and nodes, and quickly react to events at the device level.

TERMINAL AUTOMATION PRODUCTS

In addition to DV-TMS, we offer ATEX certified, Class 1 Division 1 explosion-proof field devices to facilitate terminal access and loading, and to provide operations status inside hazardous locations.

PR3000EX PROXIMITY READER

- Provides secure identification and validation
- Quick status recognition for entry/exit at gates and scale loading stations
- Works with DV-TMS or other automation systems

POWERLOAD II PRESET/BATCH CONTROLLER

- Supports rail, truck, barge and tank loading/blending control and unloading
- Intuitive touch-screen interface
- Communicate via TCP/IP to terminal automation systems
- Manage loading areas, diagnose problems, update configurations

HMI3000EX

- Computer control system for any environment
- Built-in PC with intuitive graphical display
- Easy to use touch screen interface

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EMS-DV-TMS Rev A 0818