

Complete Terminal Automation and Control

FUEL-FACS⁺ and UCOS



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Working together to manage product movements, inventory, and facility control for any size bulk terminal.



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The Complete Terminal Automation and Control systems built on UCOS and FUEL-FACS⁺ technology leverages your existing capital investment in equipment into a comprehensive solution that allows you to modernize your plant and streamline your operations.

This system manages and automates both business and operations throughout the terminal:

- ▶ Reduces manual paperwork
- ▶ Eliminates multiple, incompatible subsystems
- ▶ Delivers plant-wide alarming, real-time tank information, and overfill protection
- ▶ Interfaces with SAP, Oracle, JD Edwards, and other back office systems
- ▶ Automates everything from orders to post-loading documentation and billing
- ▶ Standardizes operations
- ▶ Reduces the cost of expanding your plant
- ▶ Supports truck, rail, barge, marine, and pipeline movements
- ▶ Ensures the safe operation of your facility and documents it for regulatory compliance reporting
- ▶ Repeatable algorithms for blending control, additive sequences, and process controls

World class project execution reduces risk

The exceptional functionality of FUEL-FACS+ is matched by the experienced project team that designs, develops, installs, and supports each system. Our project team is:

- ▶ Experienced in the oil, gas, and bulk liquid distribution sectors
- ▶ Guided by field-proven, documented project methodologies that are hailed by rigorous customer audits as unmatched in the industry
- ▶ Accomplished at delivering projects on time and on budget

Full range of project services from one company

You know how to run terminals. We know how to run terminal automation projects. We have all the expertise and resources necessary to deliver your project from start to finish:

- ▶ Project Management
- ▶ System Design Specification
- ▶ System planning
- ▶ Standardization and integration
- ▶ System configuration and testing
- ▶ Hardware procurement
- ▶ Installation and commissioning
- ▶ Instrument engineering
- ▶ Application development
- ▶ Regional and worldwide rollout
- ▶ Training and documentation
- ▶ System maintenance
- ▶ Product and system support
- ▶ Long term application support

Comprehensive Support

- ▶ Standard 24x7x365 support
- ▶ Support available for both the software and the configured application
- ▶ In-depth training at your site or ours



Receiving

- ▶ Pipeline
- ▶ Road
- ▶ Marine
- ▶ Rail



Tank farm

- ▶ Transfers
- ▶ Reconsignments



Inventory

- ▶ Physical
- ▶ Book
- ▶ Supplier



Dispensing

- ▶ Pipeline
- ▶ Road
- ▶ Marine
- ▶ Rail



Access

- ▶ Driver
- ▶ Vehicle
- ▶ Pedestrian

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