

Smith Meter™ microLoad.net

Single product loading
couldn't be simpler...



microLoad.net

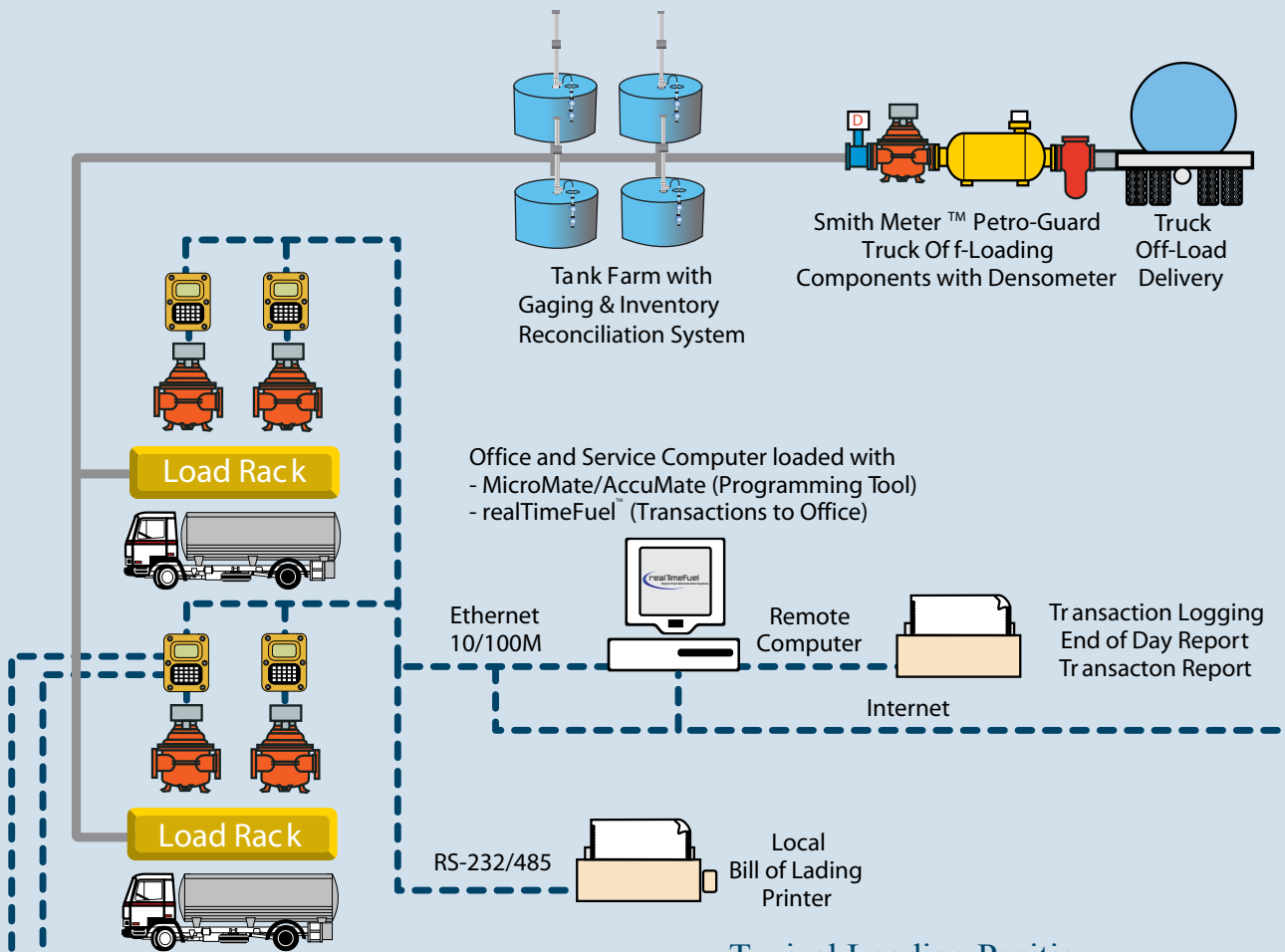


The microLoad.net features a stand-alone database which interfaces with the Smith Meter™ Card Reader for secure driver PIN access.

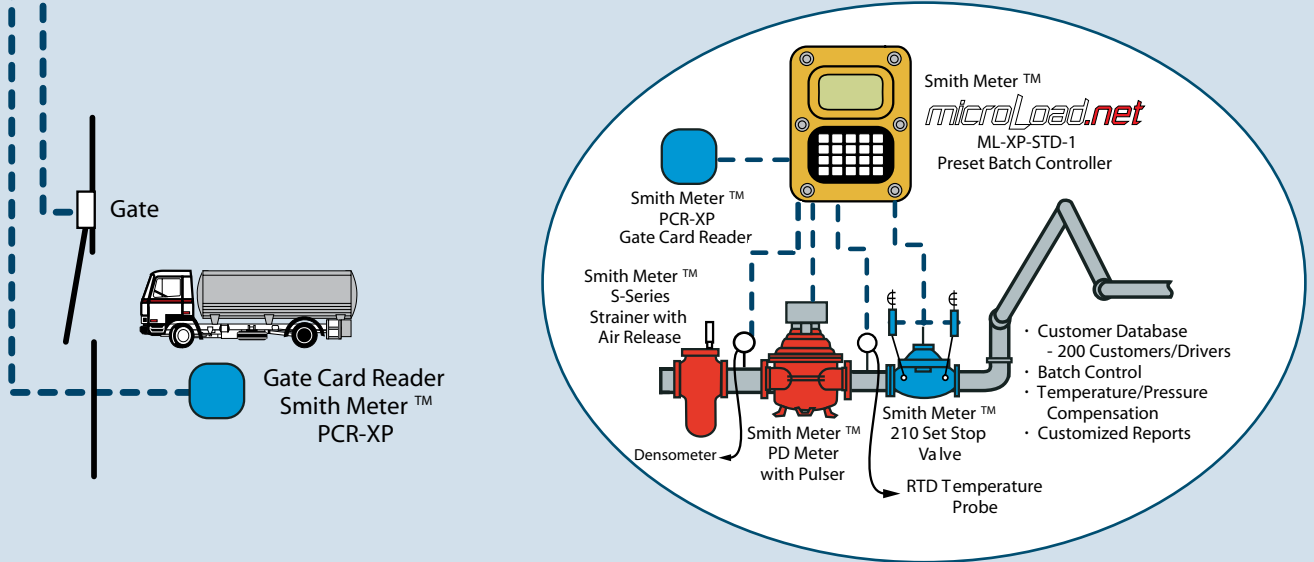
With 25 years experience building the world's best electronic presets for multi-product loading, FMC Technologies now offers a dynamic breakthrough for single loading applications.

The Smith Meter microLoad.net is a microprocessor-based instrument designed to monitor and control single product, straight loading. The unit can operate either as a stand-alone instrument or part of an integrated system communicating to the terminal automation computer or directly to SCADA (Supervisory Control and Data Acquisition).

Aviation Fuel Management System



Typical Loading Position



Smith Meter™ microLoad.net

The complete
system for single
product loading



The Smith Meter™ microLoad.net is a preset batch controller that is easy to use and configurable to your application.

Efficient System Monitoring and Easy Process Management

- Continuously monitors system-critical functions
- Automatically corrects temperature per the API and ISO tables and the expansion coefficients for chemicals
- Automated proving

Flexible and Configurable Programming and Reporting

- Network compatible
- Multi-drop communications ports for maximum system expansion
- Smith Meter™ or Modbus Protocols for bi-directional communications
- Boolean and Algebraic programmable software for easy customization
- Customizable report formats to fit the needs of the application
- Options for multiple languages, customized messages, and text communication
- Customizable formats for inputs and outputs
- Interfaces with Smith Meter™ S-Mass™ and Apollo Coriolis meters
- Logs events and produces an audit trail

Built for Safety and Reliability

- Multi-level security access
- Explosion proof housing
- OIML-approved display offers prolonged visibility during unplanned power outages

Applications

The Smith Meter™ microLoad.net is designed for batch loading of alcohol, gasoline, antifreeze, lube oils, fuel oils, solvents, fertilizers, LPGs, LNGs and chemicals. The system is ideal for bulk plants, aircraft loading, shipping docks, processing installations, and tank farms where straight products are loaded.





FMC Technologies and Our Measurement Solutions Legacy Brands

FMC Technologies is a global leader providing mission-critical technology solutions for the energy, food processing and air transportation industries. Its Measurement Solutions business unit excels in measurement technologies for transportation, and custody transfer of natural gas and petroleum for the oil and gas industry. FMC Technologies employs approximately 10,000 people and operates 32 manufacturing facilities in 17 countries.

FMC Technologies Measurement Solutions sets the standard for global Best Measurement Practices by designing, manufacturing and servicing precision products and systems.

The **Smith Meter**™ brand is known worldwide for its ability to produce reliable, accurate and consistent measurement results. Similarly, **Sening**™ brand tank truck components and systems are trusted to ensure accurate measurement while providing safe, environmentally secure transport and transfer of refined hydrocarbon products.



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