



GUIDANT

Smith Meter® microLoad.net™

Configurable and easy-to-use preset batch controller



Single Product Transfers Couldn't Be Easier

With over 40 years of experience building the world's best multi-product electronic presets, Guidant offers the same high-quality measurement and control for single product transfers in a simple, compact package.

The Smith Meter microLoad.net is designed to monitor and control transfers of a single product in a broad range of loading, unloading and LACT applications. It can operate as a standalone controller or as part of a larger SCADA system connected through communications. Through the use of an extensive set of user-configurable settings, this one device can be tailored to fit any custody transfer application.



Efficient System Monitoring and Easy Process Management

- Continuously monitors system-critical functions
- Automatically corrects volumes per API MPMS Chapter 11.1-2004, programmable for numerous other API tables
- Automated proving calculations

Flexible and Configurable Programming and Reporting

- Ethernet network compatible printing and configuration
- Multi-drop serial ports for maximum system expansion
- Smith Meter or Modbus protocols for host communications
- Boolean and algebraic programmable software for easy customization
- Customizable report formats to fit the needs of the customer
- Options for multiple languages, customized messages, and text communication
- Configurable inputs and outputs
- Coriolis meter interface support
- Logs events and produces an audit trail

Built for Safety and Reliability

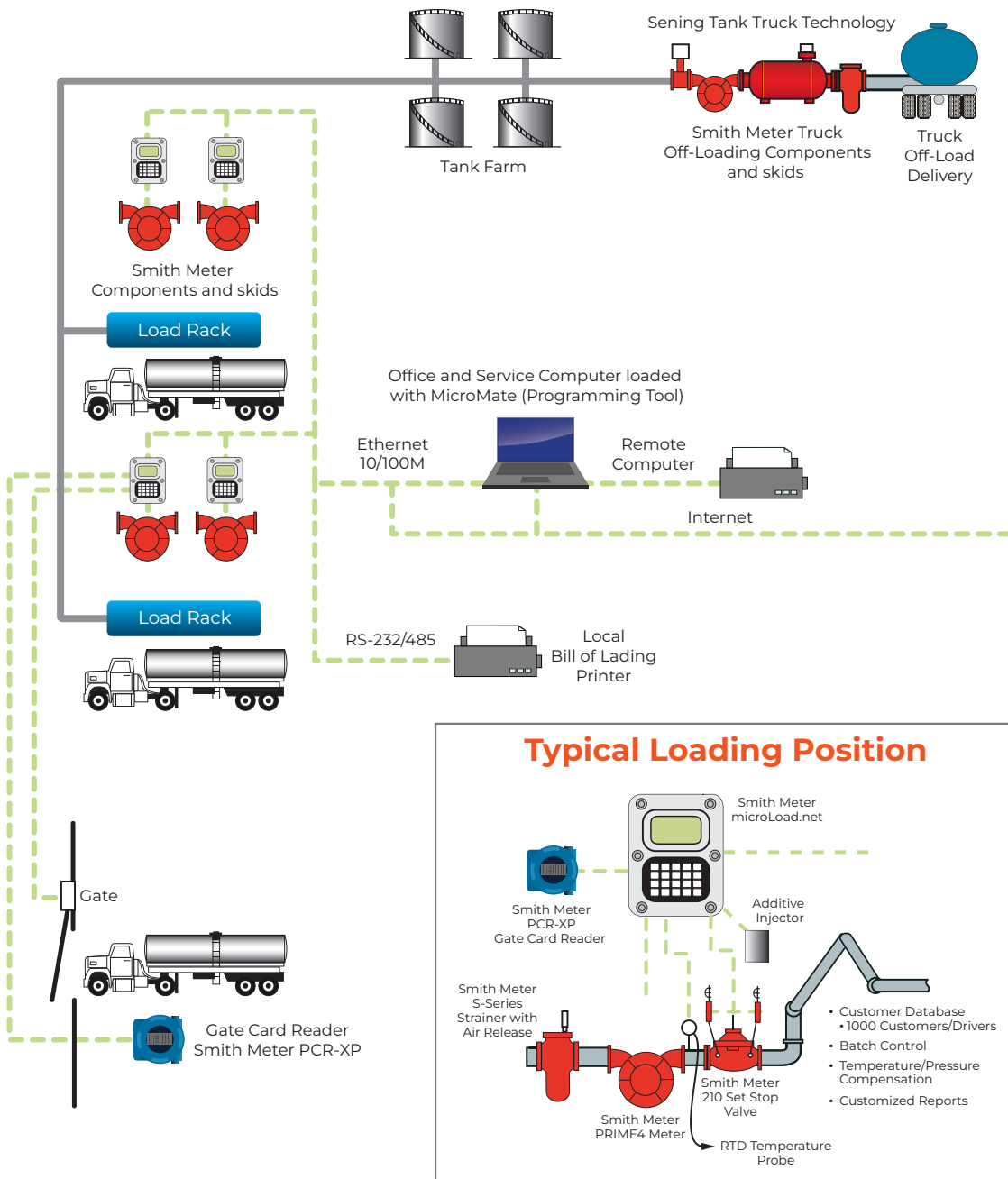
- Multi-level security access
- Explosion-proof housing
- Optional OIML-compliant display offers prolonged visibility during unplanned power outages

Refined Product Applications

The Smith Meter microLoad.net is a simple and compact solution for custody transfers of alcohol, gasoline, diesel, 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 a single main product is loaded.

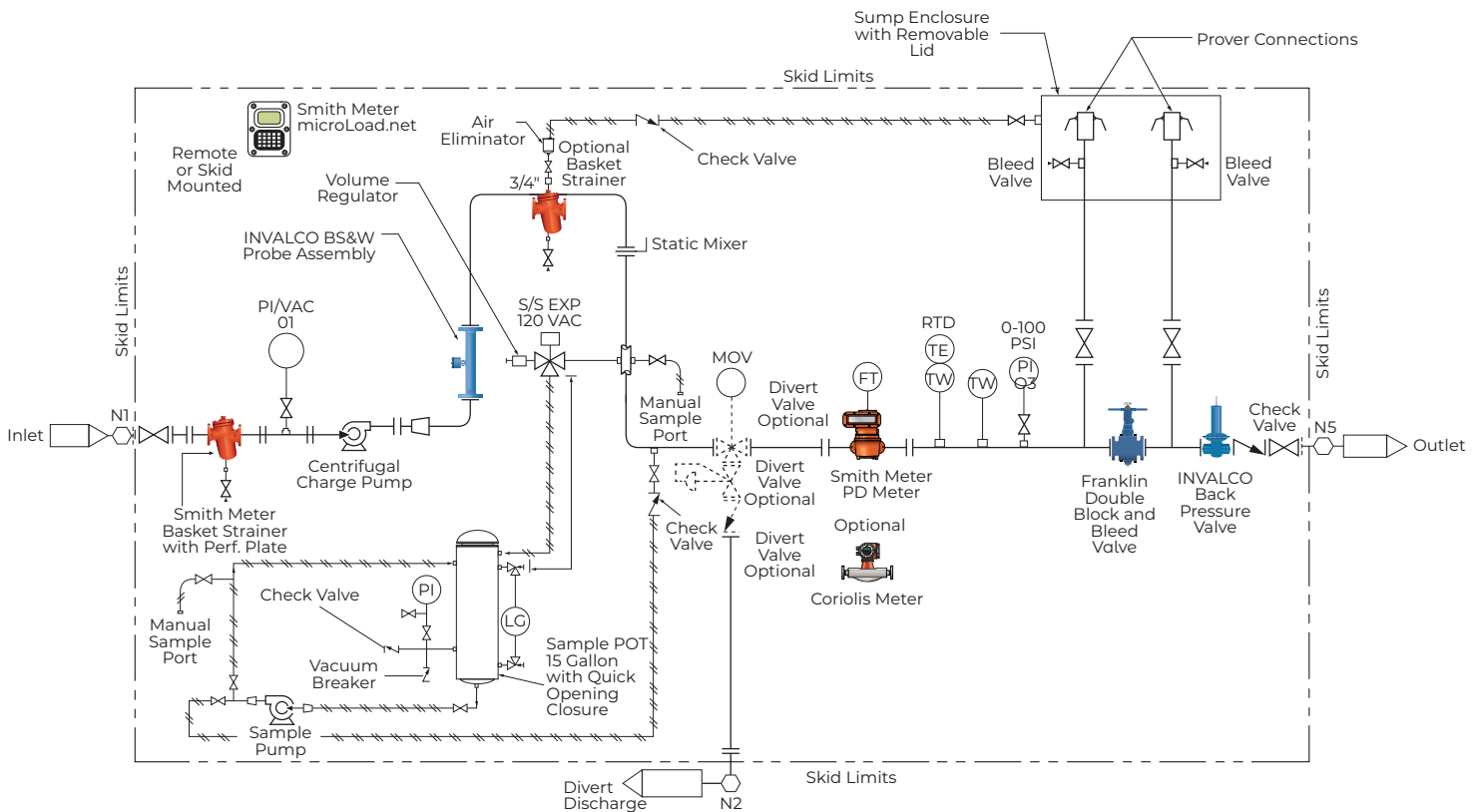
Typical Bulk Plant and Aviation Fuels Management System



Crude Oil Applications

The microLoad.net is the ideal solution for measurement and control of LACT, unloading, and loading of crude oil. As a standalone system or remotely controlled, the microLoad.net provides all the features needed for accurate measurement, as well as safe and secure control, including:

- Basic sediment and water (BS&W) monitoring with divert valve control
- Calculation of gross/net volumes, average temperature, pressure, density, and BS&W according to API standards
- Sampler control (up to four sample pots)
- Activation by tank switch, remote communications, or front panel keypad
- User authorization database based on ID/PIN entry or card swipe
- Automatic logging of transaction records, operating events, and parameter changes
- Customizable BOL ticket automatically printed
- Day, week, and month running totals



About Guidant

As the undisputed leader in liquid and gas custody transfer solutions with the largest global install base, Guidant's legacy is built on more than 90 years of expertise, accuracy, reliability, and best-in-class technologies. We are a private company focused on the measurement solutions business, serving emerging and established energy markets across the globe.

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