



Terminal & Transportation Solutions

Modernize Your Truck Unload Systems to
Reduce Risk and Maintain Compliance

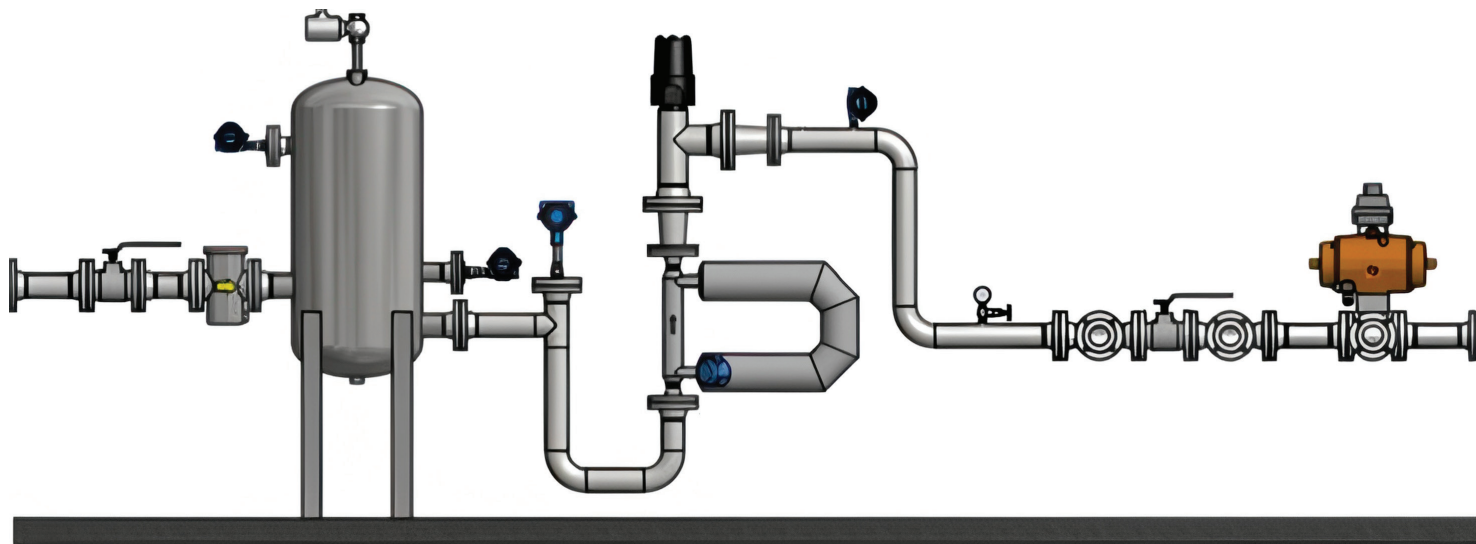
Product Life Cycle Notice

Outdated unload systems are costing you more than you think. From compliance risk to rising maintenance and limited visibility, see how SpartanPRO™ TUS delivers accuracy, automation, and long-term support.

Why This Matters

Aging truck unload systems can introduce compliance risk, data inaccuracies, and rising maintenance costs. Even if your system is still operating, changes in regulatory requirements and hardware availability can impact your ability to maintain accurate, auditable measurement.

This lifecycle update outlines the current status of existing systems and how upgrading to SpartanPRO™ TUS improves performance, compliance, and long-term support.



The Spartan Solution

SpartanPRO™ (TUS) delivers accurate, automated hydrocarbon measurement at the truck transfer point while reducing operational complexity. The system leverages industry-leading technology including:

- Coriolis measurement for precise mass flow, density, and temperature
- Advanced calculations for corrected volume and water cut
- Integrated automation to streamline valve control and data collection

Result: Reliable custody transfer measurement with improved operational efficiency and real-time data access

SpartanPRO™ TUS PANEL FEATURES

- AER Directive 17 Compliant
- API Chapter 11.1 2004 calculations
- Supports 1 truck unloading transfer point
- Based on the FB3000 platform
- Local operator interface
- 0-100% water cut measurement calculation
- Liquid volume correction for crude oil



Why Upgrade to SpartanPRO™ (TUS)

1. Measurement Certainty

- Improve accuracy with flow-weighted calculations
- Reduce uncertainty in oil, water, and gas volume measurement

2. Ease of Use and Data Management

- Autoimmune data collection and reporting
- Integrate with production accounting systems
- Reduce manual intervention and field visits

3. Service and Support

- One vendor for measurement, control, and service
- Long-term platform support with no planned obsolescence

Why Modernize Now

Even functioning systems can create hidden risk:

- Limited access to replacement parts
- Increasing compliance exposure
- Reduced measurement accuracy and data visibility

Upgrading now enables:

- Continued regulatory compliance
- Improved measurement confidence
- Lower long-term operational costs



ROC300 Truck Unload Panel

Status: Obsolete

Why It Matters:

- No available spare parts or manufacturer support
- Increased risk of unplanned downtime and higher maintenance costs
- No longer compliant with Alberta Energy Regulator (AER) Directive 17



FB107 Truck Unload Panel

Status: Spares and Support

What's Changing:

- Available for purchase until January 1, 2027
- Transitioning to "Spares and Support after this date
- No longer available for new system purchases beyond 2027



FB3000 SpartanPRO™ TUS (Truck Unload System)

Status: Current

The Advantage:

- Fully supported, current Emerson platform
- Available for quick delivery
- No planned obsolescence

Take the Next Step

Contact Spartan Controls to support your Truck Transfer Solution Modernization and life cycle management plan. Our experienced team can assist in meeting your regulatory requirements.

Call us or request a quote online 24/7
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