

# TLS Continuous STP Run Monitor

## Added Protection for Product Line and Tank Leak Detection

The new TLS Continuous STP Run Monitor provides an added level of assurance that your existing product line and tank leak detection system does not become unreliable due to interference from continuously running STP's.

Lessons learned by many major petroleum retailers have prompted them to consider continuously energized submersible pumps as the most serious risk in leak prevention. This condition can mask non-passing Pressurized Line Leak tests (PLLD) and produce unreliable in-tank Continuous Statistic Leak (CSLD) results. What makes the problem worse is that a continuously pressurized line is more likely to burst and cause a catastrophic leak.

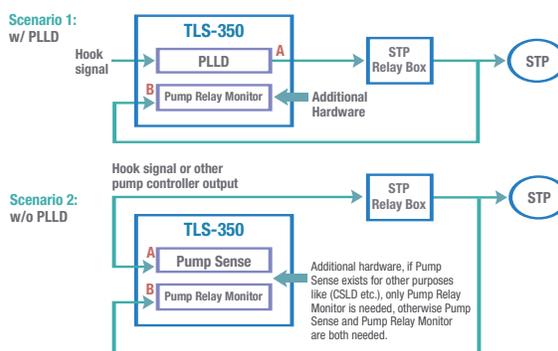
### How it Works

The newly released TLS Continuous STP Run Monitor can help station operators mitigate these risks by catching continuously running STP due to either stuck pump control relay or stuck dispenser handles. The system monitors pump requests and pump relay outputs continuously. If the pump relay outputs high voltage (220V) without any request from either handle switches or the PLLD device, the TLS will produce an alarm. It will also post alarms when the handle signal is on for an extended period of time.

### Features:

- Monitors pump relay output
- Monitors handle switches
- 100% compatible with existing line leak detection device (both mechanical and electronic)
- Eliminates potential problems paralyzing tank and line leak detection devices
- UL approved
- Integrated and upgradeable solution with existing ATG

### Hardware/Wiring



### Specification Guide

Scenario	New parts needed	Part Number	Quantity
<b>Software</b>			
Current Version 24 and later	Software upgrades only	331500-303	1 per console
Current Version 23 and earlier	Software upgrades with ECPU2 and ROM	331500-308	1 per console
<b>Hardware</b>			
VR PLLD module or CSLD with Pump Sense module exist	New STP Monitor module	332643-001	1 per 4 STP
Neither PLLD nor Pump Sense module exists	New STP Monitor module	332643-001	1 per 4 STP
	and Pump Sense module	329999-001	1 per 4 STP

### Call today to learn more.

If you are interested in learning more about the Continuous STP Run Monitor or if you have any specific questions please contact Veeder-Root today: 888.561.7942.

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