State-of-the-Art Site Control and Complete Visibility with SLD, VLLD and ACR
State-of-the-Art Site Control and Complete

OPW FMS’s new SiteSentinel® Integra 500™ has been designed to be an easy-to-install, standard-setting replacement for legacy tank-gauge systems that have become obsolete due to evolving consumer demands and compliance regulations, as well as the introduction of next-generation tank-monitoring technology.
The SiteSentinel® Integra 500™ features a number of technological advancements that allow it to be recognized as the most comprehensive tank-gauging system for commercial and retail fuel-monitoring applications in the United States:

- **Model 327 Volumetric Line Leak Detector (VLLD):** Rather than depending on pressure-decay levels to determine leak rates, the VLLD uses a highly accurate flow sensor to accurately and reliably measure the product line’s leak rate every time.

- **Statistical Leak Detection (SLD):** Provides continuous automatic in-tank leak-detection operation, without the need to schedule test times or shut down tanks.

- **Automatic Calibration and Reconciliation (ACR):** Collects pump transaction data from electronic pumps in order to provide the tank-gauging system with the required data for auto-calibration and the reconciliation of transactions against tank inventories.

The heart of the system is the SiteSentinel® Integra 500™ console, which provides complete tank monitoring, inventory management and environmental-compliance testing, while allowing users to view data directly from anywhere in the world via Ethernet, USB, RS-232/RS-485 and modem communication ports. The console helps make the SiteSentinel® Integra 500™ the easiest, most cost-effective tank-gauging system to install and configure by reducing the number of wires and conduit runs that are needed to connect to the system’s probes, sensors and leak-detection devices to its internal I.S. module. In addition, all digital devices are automatically detected and configured using the console’s 15-inch touch-screen interface, which requires the least amount of menu navigation to access critical data.
Installation Cost Comparison
TYPICAL 3-TANK, 4-DISPENSER ISLAND INSTALLATION

<table>
<thead>
<tr>
<th></th>
<th>With Integra 500™</th>
<th>Without Integra 500™</th>
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</thead>
<tbody>
<tr>
<td>Total Cost</td>
<td>$8,099</td>
<td>$15,881</td>
</tr>
<tr>
<td>Wire Cost</td>
<td>49% savings</td>
<td>233% increase</td>
</tr>
<tr>
<td>Labor Cost</td>
<td>70% savings</td>
<td>64% increase</td>
</tr>
<tr>
<td>Misc &amp; Rental</td>
<td>39% savings</td>
<td>No cost difference</td>
</tr>
<tr>
<td>Conduit</td>
<td>40% savings</td>
<td>67% increase</td>
</tr>
</tbody>
</table>

Wire use and waste with Integra 500™
- 1,050 ft (2.1 spools) used
- 450 ft (9 spools) wasted

Wire use and waste without Integra 500™
- 2,980 ft (5.96 spools) used
- 2,020 ft (4.04 spools) wasted

CONDUIT NEEDED
- With Integra 500™: 44 pieces (440 ft)
- Without Integra 500™: 77 pieces (770 ft)

LABOR NEEDED
- With Integra 500™: 8 hours of labor
- Without Integra 500™: 8 hours of labor

To see how multi-drop technology can impact the costs associated with various sizes of site installations, and explore how the Integra 500™ can help your business thrive, visit our interactive installation calculator today at: www.opwglobal.com

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