Rosemount™ Tank Gauging System
High Performance Bulk Liquid Measurement and Overfill Prevention

SIL 2 / SIL 3

Safety Instrumented System (SIS)

Radar Level Gauge (2-in-1 option)

Still-pipe Array

Parabolic

Horn

LPG/LNG

2-in-1

Radar Level Gauge

Rosemount 5900S

Rosemount 2240S

Rosemount 5900C

Multi-input Temperature Transmitter

Rosemount 2240S

Multi-spot Temperature Sensor

Rosemount 765

Multiple Spot Temperature and Water Level Sensor

Rosemount 765

Multiple Spot Temperature Sensor

Rosemount 2410

Tank Hub

Pressure Transmitter

Rosemount 3051S

Single Point Temperature Sensor

Rosemount 644

Temperature Transmitter

Rosemount 2160

System Hub

TankMaster Net for Web Access

Alternative connection to DCS/PLC/SCADA/Host

TankMaster PC in Network

Alternative connection to DCS/PLC/SCADA/Host

Alternative connection to DCS/PLC/SCADA/Host

www

Wireless

Emerson™

775

THUM™ Adapter

Emerson Wireless 1410/1420 Gateway

Emerson Wireless 775 THUM™ Adapter

Radar Level Transmitter

Guided Wave Radar Level Transmitter

Wireless Guided Wave Radar Level Transmitter

Emerson™ Wireless 1410/1420 Gateway

Wireless THUM™ Adapter

Alternative connection to DCS/PLC/SCADA/Host

Alternative connection to DCS/PLC/SCADA/Host

Alternative connection to DCS/PLC/SCADA/Host

TankMaster PC in Network

TankMaster Net for Web Access

Alternative connection to DCS/PLC/SCADA/Host

www

Rosemount 5900S

Rosemount 2240S

Rosemount 2140/2160

Rosemount 5408

Rosemount 5300

Rosemount 3308

2410

5900S

2-in-1

5900C

3051S

5408

2-in-1

5900S

2-in-1

2410

5900S

2-in-1

2410
<table>
<thead>
<tr>
<th>Custody Transfer and Inventory</th>
<th>Overfill Prevention</th>
<th>Emulation</th>
<th>Wireless</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Highest custody transfer level measurement accuracy of 0.5 mm (0.02 in.)</td>
<td>• SIL 2 and SIL 3 certified according to IEC 61508</td>
<td>• Cost-efficient step-by-step upgrade of old or malfunctioning field and control room equipment</td>
<td>• Connect with tanks previously isolated by distance, water, roads or other infrastructural obstacles</td>
</tr>
<tr>
<td>• Certified by national legal metrological bodies</td>
<td>• Redundant level device (2-in-1 gauge) enables continuous back-up measurement</td>
<td>• Emulation of all major supplier communication protocols</td>
<td>• Avoid cost for new cabling and excavation work</td>
</tr>
<tr>
<td>• Net volume calculations based on multiple spot temperature measurement</td>
<td>• Installation cost savings by using the same tank nozzle for both inventory and overfill prevention</td>
<td>• Avoid rewiring and trenching using the existing cabling</td>
<td>• Use when time is critical. Conveninet installation and quick start-up with minimum downtime</td>
</tr>
<tr>
<td>• Scalable design for maximum flexibility</td>
<td>• Proof-testing can be carried out automatically from the control room</td>
<td>• Lower maintenance costs, and minimized need for service and spare parts</td>
<td>• Supports WirelessHART™</td>
</tr>
<tr>
<td>• Open system architecture for a future-proof investment</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Solutions for all Types of Storage Tanks