

ROSEMOUNT™ TANK GAUGING SYSTEM

Insights delivered. Right away.



Everything you need for total control

Efficiency

Access to precise data in real time speeds up plant operations

Safety

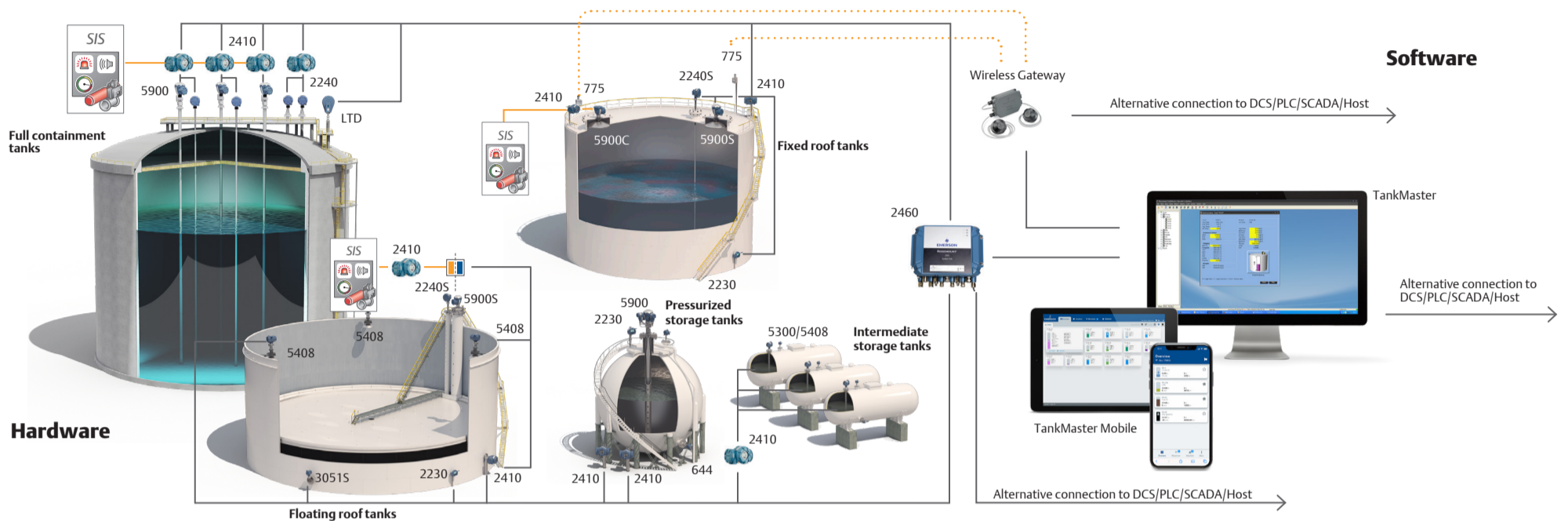
Overflow prevention solutions fulfilling API 2350 and IEC 61511

Accuracy

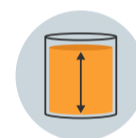
Reliable net volume calculations based on API and ISO standards

Scalability

Open communication standards make it easy to add or replace devices



Rosemount TankMaster™



Inventory control

Accurate measurement and volume calculations.



Certified custody transfer

Custody transfer tank data certified by legal metrological institutes.



Overflow prevention

Reliable safety monitoring and alarm management.

System highlights

2-in-1

Simplify installation with two radar gauges for level and overflow measurements in one tank opening.

Floating roof monitoring

Improve reliability with continuous surveillance via Rosemount TankMaster software.

Wireless

Save cost and installation time. Allow for redundant communication, and connection of previously isolated tanks.

Emulation

Perform cost-efficient step-by-step upgrade of field and control room equipment from all major suppliers.

Overflow prevention and proof-testing

Fulfill safety regulations and benefit from remote comprehensive proof-testing.

Mobility

Stay connected – anytime, anywhere.



Hardware for measurements

Radar Level Gauges & Antennas



Radar Level Gauge
Rosemount 5900S
(with 2-in-1 option)



Parabolic



Still-pipe Array



LPG and LNG



Horn



Cone



Radar Level Gauge
Rosemount 5900C

Radar Level Transmitters & Antennas

Radar Level Transmitter
Rosemount 5408



Parabolic



Cone



Guided Radar
Level Transmitter
Rosemount 5300



Wireless Guided Radar
Level Transmitter
Rosemount 3308



Flexible
Single Lead



Coaxial

Rigid Single

Connectivity and Data Access

Wireless Connection



System Hub
Rosemount 2460



Tank Hub
Rosemount 2410



Display
Rosemount 2230



Emerson Wireless 1410S
Gateway



Emerson Wireless 775
THUM™ Adapter

Temperature, Water and Pressure Measurement



Multi-input
Temperature
Transmitter
Rosemount 2240S



Multiple Spot
Temperature and
Water Level Sensor
Rosemount 565/566/765



Leak Detection and Skin
Temperature
Rosemount 614



Temperature
Transmitter
Rosemount 644

Point Level Detection



Single Point
Temperature Sensor
65/114C/214C



Pressure Transmitter
Rosemount 3051S/2051



Level Detector
Rosemount 2140



Level Detector
Rosemount 2160