

# MAKE YOUR BEST SERVO, EVEN BETTER

Enraf Servo 954 Migration Solution



Honeywell's Enraf Servo 854 tank gauges have been market leaders for over 30 years, with more than 65,000 installed worldwide. We continue to invest in this flagship technology and today offer an even more powerful version of its leading servo gauge, along with a cost-effective way for customers to upgrade.

The new Enraf Smart Servo 954 uses our established measurement technology, but with new electronics and advanced software algorithms to deliver enhanced performance in even more challenging applications.

Now Honeywell is offering an easy path to the latest technology. The Servo 954 migration kit provides a simple, safe and cost-effective way to refresh the electronics and firmware while keeping existing tank infrastructure to minimize costs and downtime.

## WHY MIGRATE?

Upgrading brings existing 854 Servo customers a range of benefits:

- Invest in latest technology to maximize the product lifecycle
- Compliance to the latest safety and legal metrology standards
- Additional functionality and options, including extended calibrated level and temperature ranges, density profiles up to 50 points, and enhanced connectivity and diagnostics.
- Elimination of obsolescence risks including increased maintenance costs and a rising risk of downtime.
- Continued support and ready availability of spares for uninterrupted operations.

## FEATURES AND BENEFITS

### Tackle the Risks of Obsolescence

- Replace end-of-life solutions
- Avoid increased maintenance costs and downtime risk
- Ensure continued support and spare

### Cost-Effective Migration

- Full migration or Migration Kit
- Retain cabling, calibration chambers, VITO interfaces, probes and pressure transmitters

### Improved Compliance and Safety

- SIL certification for safety loops
- Latest NMi approvals
- OIML R85 and API 3.1B compliance

### New Features

- Patented algorithms for increased precision
- Adaptive dynamic compensations
- Advanced drum calibration
- Lowest safety diagnostics cycle time

### Low Lifecycle Costs

- Reuse many 854 parts
- Modular design for ease of maintenance
- Faster commissioning for reduced downtime

**Honeywell**

## ENRAF SERVO 954 OVERVIEW

Honeywell Enraf Servo 954 is our most advanced automatic tank gauge yet. We've taken the proven measurement technology of our flagship gauges and added improved electronics and software. With increased intelligence it stands up to the most demanding process conditions.

Designed for measuring all kinds of liquids in any storage tank, Servo 954 is reliable, versatile and accurate. New enhancements mean the industry's best tank gauging solution is now even better:

- Patented algorithms and measuring principle for improved precision in all applications
- Adaptive dynamic compensations to improve measurement under adverse conditions
- Patented force transducer technology to optimize stable operation
- Advanced drum calibration for guaranteed accuracy
- "SIL-by-design" features with unique diagnostics for reliable operation (IEC 61508)
- Safety approvals and certifications from legal metrology institutes

worldwide, with NMI approvals and OIML R85 and API 3.1B compliance

- Faster commissioning to get you up and running more quickly.

## WHO IS THIS MIGRATION FOR?

We strongly recommend that all existing customers upgrade to benefit from continued support and improved performance. That includes but is not limited to customers with the following products:

- 854 series servo gauges from 1989-1997 with a Cenelec (or FM) safety approval that are non-CE and non-Atex.
- The 854 series from 1997-2003 with Cenelec/CE but non-ATEX.
- 801/802/811 series servos.
- 854 series from 2003-present day
- Customers with a digitalization strategy who are seeking actionable insights from higher resolution tank storage data
- Customers with a maintenance strategy that includes predictive diagnostics for improved asset availability
- Customers who are pursuing a remote service strategy where Enraf

experts can diagnose and guide by cyber-secure remote connection.

## MIGRATION OPTIONS

We offer two migration solutions so customers can choose the option that best meets their requirements:

- Full Migration, replacing the existing gauge with a new Enraf Servo 954, while retaining the calibration chamber, cabling, VITO interface, VITO probes, and pressure transmitters
- The Migration Kit, replacing only on-site electronics and sensitive mechanics while retaining the drum compartment, enclosure, calibration chamber, cabling, VITO interface, VITO Probes, and pressure transmitter.

Speak to us today and we'll help you find the best path for you to our latest technology and a better operation.

### For More Information

To learn more about Honeywell's Enraf tank measuring technology visit [www.honeywellprocess.com](http://www.honeywellprocess.com) or contact your Honeywell Account Manager.

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