Quality that Delivers ROI from the Shop Floor to the Top Floor

Even with a modern QMS in place, labor shortages and market volatility still impact manufacturers. Siloed data, manual processes and lost knowledge lead to rework, inconsistent onboarding and warranty claims. The ETQ Reliance closed-loop quality system captures quality signals in real-time and predicts risks before they escalate so you can maintain quality and revenue — even during labor and skills shortages.

Predict risks, shorten onboarding, and prevent future issues with a closed-loop quality system that delivers ROI

Predict risks:

- Flag anomalies early by capturing inspection data, SPC signals and customer feedback directly into ETQ Reliance to reduce scrap, rework and warranty costs

- Predict and prevent issues with machine learning in Predictive Quality Analytics (PQA) to automate root cause analysis, improve first time through and reduce recall risk

- Accelerate time to market by detecting risks before they impact production

Shorten onboarding

- Empower frontline workers with Connected Worker technology that delivers digital work instructions, training and guided workflows to shorten onboarding time and standardize execution across shifts and sites

- Link corrective actions to document control, training and change management to ensure fixes become part of long-term practice

- Scale continuous improvement globally by unifying inspection, worker input and predictive analytics to harmonize quality goals across sites and support ESG and compliance

Prevent future issues

- Extend quality management to the shop floor and integrate predictive analytics so leaders gain more ROI from the QMS platform they already trust

- Close the loop between quality control and quality assurance with integrated Inspection Management to cut the cost of poor quality

- Integrate seamlessly with enterprise systems to build a digital backbone for Industry 4.0

A closed-loop quality system with ETQ

ETQ Reliance with PQA, Connected Worker and Inspection Management connects quality control and quality assurance, bringing real-time data, predictive insights and digital workflows into one system that helps manufacturers cut risk, boost productivity and meet the demands of Industry 4.0.

Predictive analytics detects risks early to reduce warranty costs

Inspection results trigger workflows for faster corrective action

Customer complaints feed upstream to accelerate product improvements

SPC data integrated into QMS to flag anomalies early

Supplier audits managed centrally to improve compliance traceability

ROI from a closed-loop quality system:

Operations & Maintenance

27%

reduction in downtime

Training

72%

reduction in new **hire** onboarding time

Quality

18%

improvememnt **in** first pass yield

From compliance to proactively monitorying quality on every production run, ETQ covers your quality ecosystem needs on a centralized, integrated platform. Put your manufacturing data to work to improve scrap, rework and, first-time through and avoid costly brand-damaging recalls.

Learn more at https://www.etq.com/qa-qc-connected-quality/ or today or call: +1 (844) 293-3001