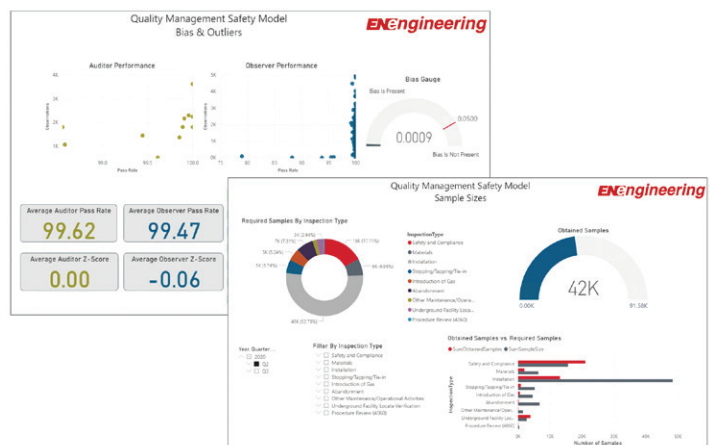


# DATA DRIVEN QUALITY MANAGEMENT SYSTEM (QMS) SOLUTIONS

## OUR SOLUTIONS

EN Engineering's Quality Management Solution (QMS) is an analysis methodology to assist in reviewing the performance of construction, operations, and maintenance activities, as well as emergency response within an analytical framework. Our data analysts and engineers are industry experts with diverse backgrounds including electric transmission, electric distribution, gas transmission, gas distribution, operations, and quality management. They are uniquely qualified to review and develop procedures for quality management and provide actionable recommendations to ensure quality and compliance



## SOLUTION PROCESS:

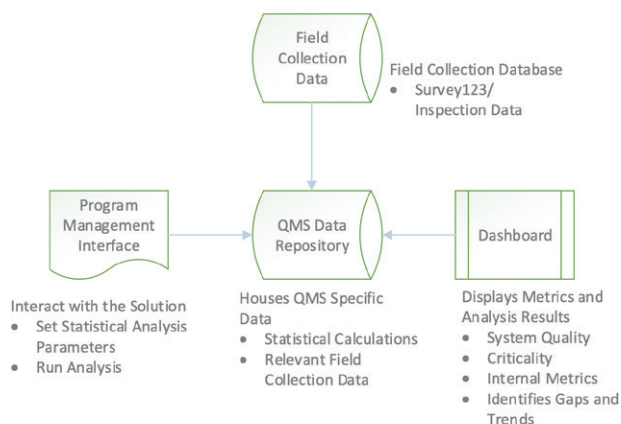
EN's existing solution supports the full QMS process:

- Process development
- Field data collection
- Review of audit procedures
- Extract insights
  - » Sample size
  - » System quality
  - » Bias
  - » Review analysis results
  - » Closed loop verification
- Implementation of a Plan-Do-Check-Act process

## ARCHITECTURE (ON-PREMISES / SAAS):

EN's pre-established solution includes the following modules:

- Inspection data solution
  - » Mobile field collection software
  - » Field data management interface
- Extract/Transform/Load (ETL)
- Inspection database
- QMS analysis toolkit
- QMS performance dashboard



## CONSTRUCTION APPLICATIONS:

- New construction
- Overhead lines
- Excavations
- Hydrostatic testing
- Conversions
- Main extensions
- Relocations
- Replacements
- Cut offs

## OPERATION APPLICATIONS:

- Odorization
- Meter work

## MAINTENANCE APPLICATIONS:

- Valve service
- Leakage activities