

**CASE STUDY**

# OIL AND GAS – HOW TRICO ACHIEVED TRANSFORMER MAINTENANCE WITH FIELD A'S SMART APPROACH

**Client : Trico****Country : USA****Industry : Oil & Gas**

## Overview

Trico, a trusted leader in lubrication management solutions for industrial equipment, has been providing customers with high-performance lubrication products, proactive training, in-plant services, and oil analysis services for over 100 years.

### **Problems:**

- 1 Suboptimal service delivery
- 2 Prolonged downtime
- 3 Increased operational costs
- 4 Limited focus on critical transformer components beyond support structures



### **Business Challenges:**

- Inaccurate or incomplete data collection during field inspections
- Inconsistent data collection due to lack of standardized inspection templates or checklists
- Inadequate translation of inspection data into service orders
- Miscommunication, delays, and errors occurred during the execution of maintenance tasks

## Solutions:

To optimize transformer maintenance and improve the efficiency of support structure inspections, the company leveraged Fielda's **Observation feature** and implemented the following solutions:

- ✓ Developed standardized **Inspection Templates** for support structures (poles) to ensure consistent **data collection and analysis**
- ✓ Integrated Fielda's OBSERVATION feature with the existing inspection process to streamline data collection, allowing field technicians to easily **record and report observations on support structures**
- ✓ Utilized **Fielda's analytics** capabilities to analyze inspection data and identify trends, allowing proactive maintenance planning for support structures
- ✓ Leveraged Fielda's reporting capabilities to generate **comprehensive inspection reports**, highlighting critical findings and recommended actions.
- ✓ Established a **communication channel between field technicians, supervisors, and the maintenance management team** to continuously improve the inspection process and address any issues or challenges promptly
- ✓ Periodically assessed the performance and effectiveness of Fielda's Observation feature and made necessary adjustments to optimize its usage

By implementing these solutions, the company enhanced the accuracy, efficiency, and reliability of support structure inspections, leading to improved maintenance planning, reduced downtime, and enhanced overall reliability of the transformer infrastructure.

## Business Outcomes:

The utilization of Fielda's **Inspections and Service Orders** has significantly improved **Transformer maintenance** processes. Specifically, the **Observation feature** has been instrumental in efficiently **collecting information on Support Structures** (poles).



Streamlined maintenance operations for transformers.



Efficient data collection during inspections of support structures.



Improved accuracy of inspection data for support structures.



Swift issue identification and preventive measures.



Better maintenance planning and resource allocation based on collected data.



Optimized performance and longevity of support structures.



Comprehensive documentation of maintenance activities.



Enhanced safety standards by identifying potential risks promptly.

Contact us for more information  
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