

Building Your Asset Lifecycle Management Strategy

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What is Asset Lifecycle Management?

Building Your Grid Asset Lifecycle Strategy

Managing Electrical Assets: What's At Stake?



• How to operate with a **risk management** vision?

Industry Challenges

PREDICTING FAILURES

89% of failures are not

related to age

GROWING GRID COMPLEXITY

 $85\%^{\rm of \, effort\, goes\, in\, gathering}_{\rm and\, normalizing\, data}$

BUSINESS OPTIMIZATION PRESSURE Where to CUT COSTS and how to evaluate impact

HEDGE FOR THE TALENT DRAIN

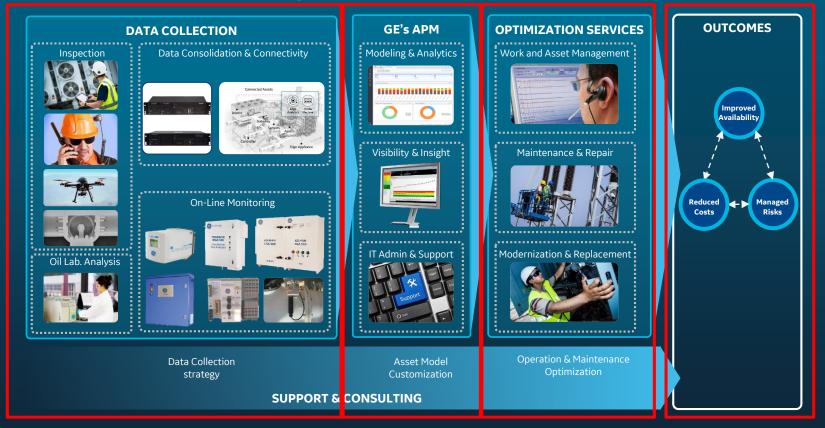


50% of T&D workforce to retire by 2025

GE's Solution

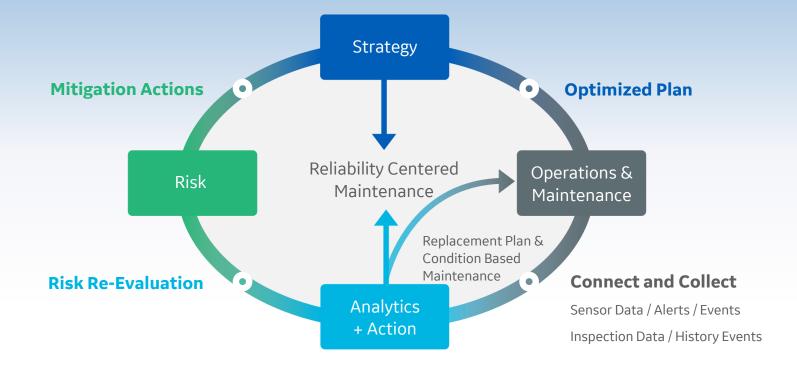
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Asset Lifecycle Management Services





Intelligent Grid Asset Strategy Model



Customer Case Studies

Building Your Grid Asset Lifecycle Strategy

Fleet Management with APM Solution

CHALLENGE

The Qatari T&D utility had an ambitious business goal to identify and prioritize maintenance and asset replacement based on risks related to the current condition of electrical assets across of their distribution substations.

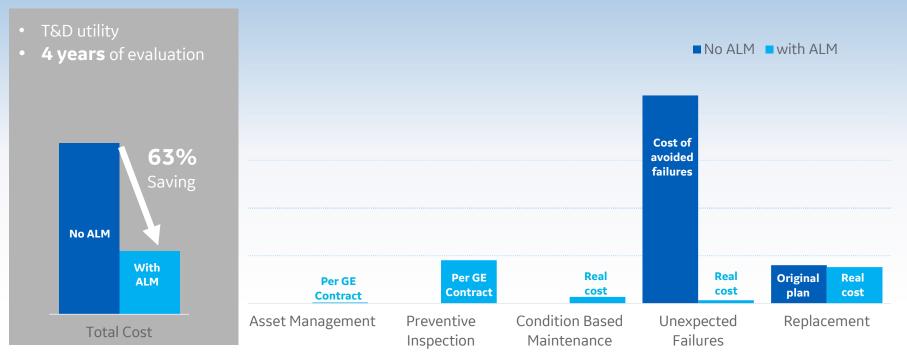
ALM SOLUTION

- \checkmark An APM solution Site inspection with tablet-based data collection application
- ✓ Oil test and analysis in GE Lab
- \checkmark On premises analytics related to health, risk, residual life
- ✓ Periodic reports and recommendations from subject matter GE experts





Benefit Breakdown on Expenditure



Calculation method jointly defined and approved by customer

