



How a Major North America Utility CUT FAILURES BY 10% { In Its Existing Maintenance Program }

Challenges:

7 Databases & 4,000 Key Instruments



The existing maintenance program had multiple databases, and each stored data for a different group of instruments.

- Systems frequently contained duplicate entries for the same asset
- A calibration system was centered in the computerized maintenance management system (CMMS), which left users searching for additional information
- When work orders were received, engineers and technicians had no easy way to store “As Found” and “As Left” information
- Recording calibration results was a manual process

Solution:

Context & Priorities

- Ensure engineers and technicians can complete certification history at a glance
- Require less training of staff
- Have a universal point-of-access for all involved to locate instrument calibration information
- Gain the ability to view all documents via a single link



End-to-End: Connect Assets, People, and Systems



APM was used as the foundation of a new calibration management strategy funneling through a single instrument database

- Define What is Critical
- Develop Initial Strategy
- Define How to Make Monitoring Data Collection Intelligent



New Intelligent Strategies

Informed Decisions



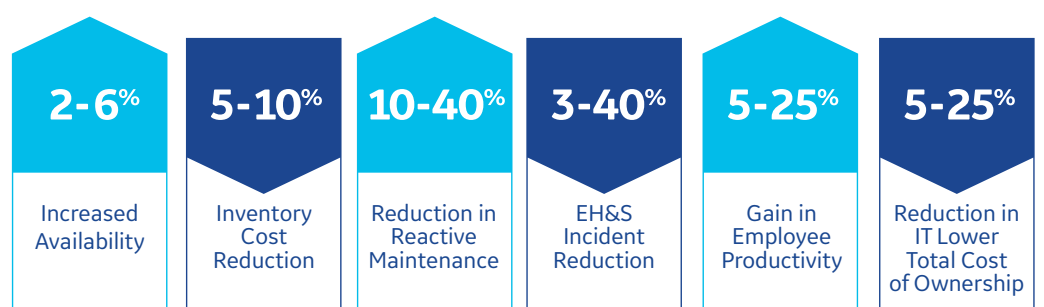
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Results:

New Calibration Management System:

- Cut the number of asset failures by 10% through early detection of potential problems
- Merged seven separate instrument databases into one, covering more than 4,000 instruments, so technicians could access all needed device information in one place
- Quickly access a list of calibrations due and know —at a glance—what has been completed and which route that a specific instrument is assigned to
- Simplified the process of maintaining instrument inventory

The Benefits of APM:



GE Digital's APM is the only solution that can combine real-time data with human experience, operating parameters, analytics, and connectivity to create intelligent asset strategies that continuously improve over time.