

# Accelerated Alarm Management Through AgileOps Database

## HOW A CENTRALIZED ALARM DATABASE CUT CHANGE TIME BY 95% AND ELIMINATED DRAFTING REWORK

### Challenge

- Large industrial operations managing **high-volume alarm systems** often rely on outdated P&IDs for alarm information. Frequent changes, manual drafting updates, and inconsistent documentation cause:
  - Time-consuming validation by Engineering
  - Delays removing nuisance alarms
  - Increased risk of mistakes affecting safety and production

### Value

- **Accurate, up-to-date master Alarm Database**, reducing mistakes and rework
- **Lower drafting costs** by shifting from P&ID updates to a dynamic digital database
- **Alarm changes completed in under an hour** (vs. previous two-day turnaround)
- **Improved operational safety and production reliability** through consistent alarm governance

### Solution

- Implemented an **AgileOps Alarm Management Database** as the centralized source of truth
- Designed a simple alarm-change workflow using **Excel + DocuSign** for initiation, review, and approval
- Created training and user guides for Operations, Maintenance, and Technical teams
- Tested and refined reports to ensure a smooth alarm-change process

