



## Overview:

Removing nuisance alarms to improve response time while enhancing operational efficiency

## Services:

- Proof of Concept Alarm Standardization & Best practices
- CygNet Studio/Vision HMI Configuration
- CygNet SCADA Platform Configuration

## Tools & Technology:

- CygNet SCADA Platform
- CygNet Studio/Vision HMI

## Magnitude:

- 2 Months
- 1 Technical Lead
- 1 Engineer

## Challenges:

The focus of this project was to optimize field Operations and streamline dispatching for an asset in the Eagle Ford Shale. The asset, acquired from another producer, was managed by CygNet SCADA. The Company sought to rework the existing alarm philosophy and reconfigure all alarms in the CygNet System.

## Solutions Provided:

SOAP worked closely with their operations team to define new alarm parameters, eliminate nuisance alarms, optimize HMI visualization of incoming alerts, and establish a workflow for future management of alarm configuration.

### CygNet SCADA Platform

- Reconfigured alarm parameters
- Implemented ISA 18.2 Standard
- Updated the reporting configuration
- Optimized response time via geo-routing based dispatching

### CygNet Studio/Vision HMI

- Optimized and organized Alarm Screens
- Implemented High-Performance HMI Standard

### Documentation

- Alarm Rationalization Document
- Industry Best Practice - SCADA Style Guide

## Accomplishments:

- Reduced operator response time
- Streamlined alarms