

# Upstream (South Texas) – Implementing CygNet Alarm Rationalization



## Removing Nuisance Alarms to Decrease Response Time – Improving Operational Efficiency

### Challenges

The scope of this project focused on an asset in the Eagle Ford shale. The asset, acquired originally from another producer, was managed using the CygNet SCADA platform. In an effort to optimize field operations and streamline dispatching, the company sought to rework the existing alarm philosophy and reconfigure all alarms in the CygNet system.

### Solutions Provided

SOAP worked closely with the operations team to define new alarm parameters, eliminate nuisance alarms, optimize HMI visualization of incoming alarms, 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

#### Implementation

- Proof of Concept & Testing

### Overview

#### Industry

Oil & Gas Upstream

#### Services

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

#### Tools | Technologies

- CygNet SCADA Platform
- CygNet Studio/ Vision HMI

#### Magnitude | Execution

- \$45,000
- 2 months
- 1 technical lead
- 1 engineer

**For more information, please contact:**

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