

CASE STUDY

Sinopec succeeds bringing asset integrity in-house

“We, as a company, are invested in the quality of our own data—much more than any third party,” said Alan Lee, Manager of Asset Integrity. “We needed to bring asset integrity in-house and find a solid data management system to support the program.”



SINOPEC

COMPANY PROFILE

Sinopec Daylight Energy Ltd.

Sinopec Daylight is one of three business units comprising Sinopec Canada. It is a Montney- focused business with core assets in the Wapiti area, south of Grande Prairie.

Employees

170+

Headquarters

Calgary, Alberta

Operations in

Alberta



Overview

Like many energy companies, Sinopec Daylight engaged third parties to inspect its assets and manage asset integrity data.

While the vendors did well, the lag time involved with submitting and receiving inspection data, alongside the burden of maintaining multiple databases, showed room for improvement.

Sinopec wanted to take the reins of its asset integrity program, connect datasets, and find the right software to manage it all.

Challenges



Supporting data integrity

With data stored in multiple places, it was difficult to ensure accuracy, completeness and consistency



Getting information quickly

Sending and receiving information from the vendor and awaiting their updates created bottlenecks



Discerning inspection data

The asset integrity team had trouble tracing and tracking inspection findings provided by the vendor



High maintenance costs

Employing multiple third-party vendors meant Sinopec Daylight was paying a premium



Different systems for different groups

Operations teams were working in software silos preventing users from getting big-picture insights

Requirements

Sinopec Daylight's Information Services team outlined their ideal asset integrity management system (AIMS) with goals to lower costs, bring processes online and improve data integrity.

- 1 Asset integrity management**
Enable the team to digitally manage MOC, maintenance, inspection and asset data in-house
- 2 Field mobility**
Skip the data entry and save money by having users do inspections and complete work via tablet/phone
- 3 Room to grow**
A solution that accommodates unlimited users, uploads, assets and attachments
- 4 Robust reporting**
Flexible reporting tools that allow the user to design and save their own custom exports
- 5 BONUS: Eliminate other software**
A solution that brings AIMS, regulatory compliance, WOs and change management under one roof



Results

11,574+

Assets
Managed

3,042+

Pipelines
Managed

42,699+

Inspections
Logged



2x

Quicker regulatory
AER reporting



70%

Time savings with
mobile work orders



75%

Reduction in inspection
processing time



\$350k+ ANNUALLY

Cost savings in software
consolidation

“ The absolute best part about Oplii is that you get a full-spectrum view of your assets. You're able to track something through its entire lifecycle—you see everything. ”

REBECCA MARCIL, SENIOR TECHNICIAN, ASSET INTEGRITY