

REMOTE HAZARDOUS ZONE INSPECTIONS

Midstream company remotely inspects hazardous zones with Osperity. Improves labor productivity and enhances safety.

COMPANY

Diversified oil and gas company

APPLICATION

Remote Hazardous Zone Inspections

SECTOR

Midstream

INDUSTRY

Oil & Gas

CHALLENGE

A large Canadian oil and gas company had deployed Osperity for productivity and security at several sites, and was now seeking a better way to inspect hazardous zones. Rather than sending workers in PPE into these zones, which has safety implications and significant labor costs, they approached Osperity looking for a solution.

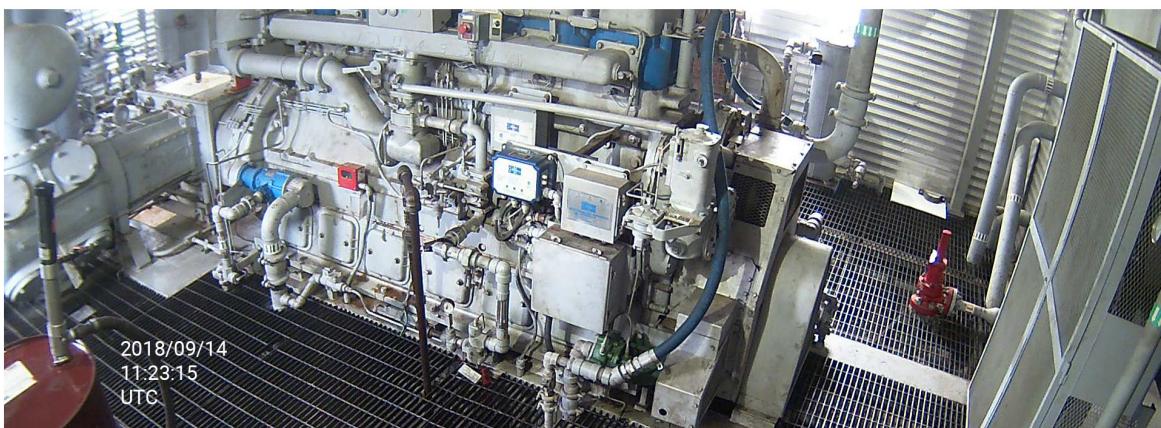
SOLUTION

Osperity deployed a solution for remote hazardous zone inspections, built on its intelligent visual monitoring platform. The solution included a mix of explosion-proof camera systems, as well as high-resolution cameras located outside the hazardous zones.

Remote operators now use Osperity to:

- ◆ Inspect and report on the condition of hazardous zones, including floating tank roofs and compressor stations.
- ◆ Receive alerts if Osperity's computer vision detects someone unexpectedly entering a hazardous zone.

Compressor Motor



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The client continues to expand its Osperity deployments across its operations.

RESULTS

The solution delivered critical operational benefits, including:

- ◆ A 50% reduction in visits to remote compressor sites.
- ◆ Improved safety and labor efficiency as personnel no longer have to enter the zones for routine inspections.
- ◆ One-year ROI of 175% based on fewer trips to remote sites and labor savings at staffed sites.



ABOUT OSPERITY

Osperity's intelligent visual monitoring platform empowers industrial companies to reduce operational costs while mitigating environmental and safety risks. Osperity cost-effectively manages cameras at scale, analyzes visual data with computer vision (AI) and input from other sensors and systems, and distributes personalized, actionable insights to users across the enterprise.