PIPELINE INDUSTRY TRACKING PERFORMANCE WITH OCTANE SOFTWARE

SPAN is implementing its Octane software to help improve pipeline safety through enhanced data collection and analysis

Client

The Canadian Energy Pipeline Association (CEPA) represents Canada's transmission pipeline companies who operate approximately 119,000 kilometers of pipeline in Canada and 15,000 kilometers in the United States. CEPA members transport 97 per cent of Canada's daily crude oil and natural gas from producing regions to markets throughout North America.

Situation

CEPA collects pipeline performance information from its members to support industry-wide collaboration and improvement. Integrity First assessment results and pipeline performance indicators are the two main sources of information used by CEPA and its members. This information was managed using email, spreadsheets and localized databases. CEPA is integrating all data collection, analysis and reporting into Octane; a single, secure application accessible to CEPA and all members.

"Our member companies were concerned that their information could be unsecure, and we were concerned we couldn't scale up our systems as our programs grow; we are solving both by implementing Octane"

- Patrick Smyth, VP, Performance, Canadian Energy Pipeline Association

Action

SPAN is implementing its Octane software to replace existing spreadsheets and databases, ensuring secure data capture, analysis and reporting for CEPA and its members:

- The Octane Hub will receive data submitted from member companies and CEPA will then analyze and report on aggregated industry data in one secure location.
- Each member company can access the Octane Hub to review their performance against other companies anonymously.
- Each member company has its own secure Octane instance to enter performance indicators and Integrity First assessment data and have company-specific permissions and approval functions.
- Octane meets strict third-party security standards to manage and control data accessibility, security and privacy.

Result

CEPA is successfully transitioning its performance indicator and Integrity First programs into Octane's secure web-based application. It is already enabling significant improvements in how CEPA uses data to understand industry performance and prioritize improvement efforts. Octane is immediately achieving efficiencies in data management, analysis and reporting to help the pipeline industry improve pipeline safety.