ADLIB®

USE CASE

Oil Company Ensures Safety of Pipeline with Extracted Content

CHALLENGE

An oil corporation was working on a multi-billion dollar pipeline, and required a way to rapidly identify all of the locations where a specific part is installed, in order to ensure ongoing safety of the project—whether it's to assist in preventative maintenance plans or to develop a response due to an emergency situation. The part numbers were in 200,000 engineering documents—which were mostly large, unsearchable images—and were located in both vertical and horizontal text. This organization required a way to extract the part numbers (called tags) and insert them into an index.

- Engineering documents in question are large image files which are unsearchable
- Text is located both vertically and horizontally on the engineering files
- Getting this information is critical to the ongoing safety of the project, and will help mitigate risks and litigation
- Millions of components and part numbers are involved
- Simple extraction methods can't complete this task due to the text orientation and the fact that the documents are currently unsearchable

RESULT

Working with Adlib, this organization was able to ensure that the critical information in their unsearchable engineering files was extracted and indexed, ensuring the ongoing safety of their project.

- Adlib provided this organization a tool that allows them to identify all of the parts and part variations indicated on a drawing, based on over 45 tagging conventions
- With this tool they are also able to find where on the document the part number is located, and its orientation. Now whenever an engineer modifies a drawing, they can search and find related drawings with similar parts and make any necessary changes there as well
- Leveraging Adlib's powerful extraction software, they are able to access this critical information which is an important tool used to find where affected parts are deployed
- In addition, this organization can now analyze this data to validate their safety measures and deployment processes

INDUSTRY

Oil & Gas

THE ADLIB DIFFERENCE

There are many OCR engines available on the market. However, when it comes to engineering drawings—most of which are exceptionally enormous files—most OCR solutions fail to find any of the text in the documents. Adlib's extensive experience in working with Energy and Engineering organizations has proved instrumental in developing a leading-edge OCR engine which can make any text searchable which other solutions may miss—even that in large Engineering drawings.

WHAT CAN WE DO?

The leading-edge Adlib Content Elevation Process™ helps enterprise organizations in the Life Sciences, Insurance, Banking, and Energy sectors, among others, enhance Information Governance objectives by unlocking the value in unstructured content. Integrating with key repositories and applications, Adlib's sophisticated solutions enable improved content migration, compliance, privacy and security, digital transformation, and classification. Organizations realize immediate value by gaining full visibility and understanding of their content, leading to greater control and the ability to meet enterprise-wide Information Governance objectives.