



Summarizing Legal Contracts Made Easy

GenAI-based Advanced Document Analysis Solution

Summary

Sonata Software helped a multinational travel and tourism company streamline the process of summarizing legal contracts, Statements of Work (SoWs), and other legal documents into a concise one-page format. Leveraging GenAI-based advanced document analysis and content extraction technologies, Sonata significantly reduced time and manual effort for the client's 100+ global Legal & procurement team.

Client Overview

The client, a multinational travel and tourism company with a global presence and an annual revenue exceeding 10 billion euros, offers a comprehensive suite of services including travel booking, accommodation, cruises, and destination experiences.

Pressure Points

The customer's legal & procurement team manually reviews extensive SOW documents and master service agreements (MSAs) to generate a concise two-page summary report form (SRF), this process is labour-intensive and time-consuming due to the volume and complexity of the documents. Other challenges include:

<p>Lack of Summarization Solutions No suitable solution for summarizing legal contracts, SoWs, and related documents into a one-page format</p>	<p>High Manual Efforts Significant manual effort (1-2 person days) needed for populating SRF by reviewing various legal documents</p>
<p>Reliance on Legal Expertise Heavy dependency on legal subject matter experts for document summarization</p>	<p>Template Inflexibility Difficulty in customizing the SRF template for various procurement categories</p>

Solutions

<p>AWS Textract is used to extract content from PDFs, focusing on tables, which are converted to markdown format to enhance AI comprehension</p>	<p>Extracted content is segmented, and vectors are created using the AWS Bedrock Titan text embeddings model, stored in DynamoDB</p>
<p>During the result generation, vectors are generated for each description and cosine similarity is applied to compare these with the document vectors</p>	<p>The top 5 most relevant chunks are compiled and presented to the AI, utilizing few-shot prompting techniques to produce the final output.</p>

The solution empowered users with the ability to preview, refine, and download the final SRF, ensuring adaptability and accuracy in document generation.

Results that Speak Volumes

By implementing Sonata's AI-driven SRF generation solution, the clients' global legal and procurement teams are expected to save over \$500K annually due to decreased manual labor and reduced reliance on SMEs.

<p>5X faster document summarization process</p>	<p>60% decrease in legal team's manual effort</p>
<p>Reduced dependency on legal SMEs for summary document creation</p>	<p>Enabled simultaneous processing of multiple SoWs/contracts</p>