

# aiR for Review Case Study

Using aiR for Review as a 2nd-level QC measure





# What is aiR for Review?

aiR for Review is a GenAI-based predictive coding tool, developed by Relativity in response to the global surge in adoption of generative AI technology. aiR for Review utilises the latest in artificial intelligence technology, namely OpenAI's GPT-4 Omni model, to analyse your documents and predict their relevance to your case.

In order to foster trust and provide additional value, aiR for Review produces a citation from within the text of a document, a rationale as to why this citation meets your prompt criteria and considerations that may impact a document's relevance further before producing a prediction of relevance. This not only helps reviewers feel confident in the predictions aiR has made but also allows them to quickly locate these important sections of a document, as these citations are navigable.

aiR for Review is trained instantly via a natural language prompt. This is analogous to the review protocol you provide human reviewers for a traditional managed review project. You can learn all about prompts and how to construct them in our [Prompt Engineering eBook](#).

aiR for Review's primary use is to support, and in some rarer cases, replace reviewers in first-pass review. This is not the full extent of the tool's capabilities though. aiR for review can perform first-pass relevancy, key document and issue reviews, but it also makes for an incredibly effective QC tool to monitor the work of human reviewers. This is how we have used the tool in this case study.

**If you have any questions about the topics covered in this booklet, feel free to contact our team [here](#) or by clicking the button at the bottom of the document.**

Read on to find out how aiR for Review performed as a 2nd-level QC tool on a complex construction case Altlaw recently handled. In this instance we were facing complex technical documents and a tight disclosure deadline. In order to speed up the review process, the use of aiR for Review was recommended to hasten the 1st-level relevance QC, allowing reviewers to focus their time on reviewing for privilege.

# Prompt Development

Prompt development is the process of taking an existing Review Protocol produced by the team lead on a project and manipulating the content to create a prompt suitable for aiR's natural-language AI algorithm.

This typically means providing the algorithm with an idea of what makes a document relevant, who the main actors and organisations are, what makes a document NOT relevant and any other useful or additional information to the case.

Your prompt is tested on a batch of 50-100 documents that the team lead knows well, and is trained to code that batch of documents as the team lead would. Once the team lead and the algorithm are in agreement, your model has been successfully trained to think with the mind of a project lead and have the highest level of insight.

**Learn more about Prompt Engineering and Iteration in our dedicated eBook!**

[Read the eBook](#)







## Case Study Summary

This case began with **6,000** documents that had been put through a first-pass review process and needed evaluating for privilege and commercial sensitivity in time for a disclosure deadline in **7 days**.

It was anticipated that of the 6,000 documents, a reasonable number were likely to have been marked as relevant overcautiously. It was therefore important to ascertain the accuracy of the first-level review in order to spare second-level reviewers the time it would take to analyse irrelevant documents for privilege.

It was decided that aiR for Review would be used as a QC tool to assess the accuracy of the first-pass review and free up reviewer time to focus on reviewing for privilege. Any overturns produced by the algorithm were to be checked, but in general accepted as they were expected. It was also decided that any documents ranking 2 or below would only be reviewed for privilege if there was time remaining, otherwise they would not be disclosed.



# The Process and The Results!

## Step 1: Prompt Development

We worked with our clients to transform their review protocol into a prompt and tested it on a batch of 50 documents that the project lead (Subject Matter Expert) had already reviewed. We then completed 5 iterations of testing, deciding to include the 1st level issue tags as part of the prompt halfway through the development process.

## Step 2: Data Culling

While we were engineering this prompt, we also ran Relativity's ECA tools over the 6,000 document dataset, looking for any duplicates and textual-near duplicates that we might automatically remove from the data set. This resulted in the culling of 1,439 documents.

## Step 3: Complete the 1st -Level QC Review

As all of these documents were going to be checked by a reviewer, there was no need to run a validation-stage test. As such, once the prompt criteria successfully coded a batch of 50 test documents with no concerning conflicts, we ran aiR for Review over the remaining 4,561 documents.

### Results at a glance



**4,561 Documents**

**4,356 Agreements**



**8-Hour aiR for Review run-time**

**205 Conflicts**



**90+ hours of review time saved**



aiR for Review was able to review 4, 561 documents for relevance in just under 8 hours.

Among those documents the algorithm located 205 conflicts, and 1,152 documents with a relevancy score of 2 or below, meaning 1,357 documents were able to be removed from the 2nd-level privilege review queue.

This resulted in 3,204 documents being passed on to the 2nd-level privilege review.

With a privilege review rate of 25 documents an hour per reviewer and 3 reviewers, we were securely on-track to meet our clients disclosure deadline.

**Note: an extension of a week was granted and as such, all documents ranked at level 2 relevance were also included in the final privilege review.**

Given that the industry standard review rate for relevancy review is 60 documents an hour, the entire deduplication and aiR for Review QC process saved our client 90+ hours of review time. This time was instead spent on complex privilege review, enabling them to keep costs low and confidently meet their deadline.

Interested in how aiR for Review could improve your efficiency? Reach out to one of our aiR experts today!

[Chat to an expert today](#)

