

DISCO AI Shines

with High Accuracy and Increased Efficiencies

DISCO Review uncovers 95% responsive documents after reviewing only 17% of the total population

CASE SUMMARY

Faced with a contract dispute, a litigation boutique representing an energy organization partnered with DISCO to review almost 1.4 million documents. Leveraging a TAR 2.0 workflow and DISCO's industry-leading AI, DISCO Review found 95% of the responsive documents after reviewing only 17% of the population in three weeks — without deploying a large team of reviewers to meet the expedited deadline.

TOTAL DOCUMENTS

~1.4 Million

TASK

Review contract dispute for responsiveness, privilege, and key issues

DEADLINE

4 Weeks

RESULTS

ACCURACY

96% of DISCO AI tag recommendations were accepted by the review team

EFFICIENCY

83% reduction in document population requiring review

QUALITY

Less than 1% of documents in the review population required QC (traditional review methods typically require 10–20%)

The Challenge

With a review population of almost 1.4 million documents and a deadline only four weeks away, a litigation boutique representing a client in the energy sector was looking to find a way to surface the most relevant evidence while respecting their client's budget. At first, they planned to have contract attorneys utilize a random sample to identify responsive documents, but there was an associated risk of missing relevant materials. Having heard about the efficiencies DISCO Review drives during the document review process while reducing the overall cost for their clients, the firm contacted DISCO to see if they could meet their client's needs.

THE CASE FOR USING DISCO REVIEW

EXPERTISE DISCO's managed review team deeply understands the litigation process, data, and analytics to power a better review and provide an exceptional client experience.

TECHNOLOGY Industry-leading AI, seamlessly integrated into an ediscovery platform developed to maximize review accuracy and efficiency.

CERTAINTY DISCO's Managed Review Guarantee mitigates unpleasant scope creep conversations with clients and ensures reviews are on time and within budget.

SPEED DISCO's industry-leading technology and pressure-tested and defensible TAR 2.0 workflows achieve greater efficiencies than the industry average, reducing human effort on most document populations by 30–80%.

ACCURACY DISCO AI-driven QC metrics augment the QC process, allowing the review team to identify possible errors in real-time and reducing the risk of expensive or inefficient re-work.

The Review

DISCO deployed a review subject matter expert to work with the client, help scope the project, and understand the case team's objectives. After first analyzing the dataset to identify culling, mass categorization, and substantive de-duplication opportunities, DISCO Review recommended a TAR 2.0 DISCO AI-driven workflow to ensure that the most relevant information surfaced from the remaining review population. Once DISCO's early dataset assessment process was complete, the team ran an estimation sample that showed **only 3% of the unreviewed document population was responsive.**



While AI-driven reviews add tremendous value regardless of the document population's responsiveness rate, where the responsiveness rate is low, the potential inefficiency of a traditional, non-AI-driven approach was evident. Reviewers must navigate more non-responsive documents to find the responsive ones, which adds unnecessary work and additional project hours.

Within three weeks, the team had found 95% of the responsive documents after reviewing only 17% of the total document population — well over the 70–80% recall threshold routinely accepted as defensible in the industry. Furthermore, this was done without deploying a considerable team of over one hundred reviewers to ensure the expedited deadline could be met.

The DISCO Review team completed the review, including validation sampling, one week before the client deadline. Utilizing TAR 2.0 workflows resulted in a notably efficient and accurate review. DISCO AI was incredibly precise with its tag recommendations, resulting in a 96% acceptance rate from the review team. In addition, QC efficiencies were not limited to the quality of the final output. Even during the QC process, less than 4% of the documents tagged by first-level reviewers required additional human review (by contrast, traditional review providers typically target a 10–20% QC range).



95% of responsive documents found in < 3 weeks

Industry standard recall rate of 80%

By the end of the project, this DISCO AI-driven review was 20× more effective than a review utilizing more traditional review methods, saving the client over 90% in costs compared to working with contract attorneys, other review providers, or the firm itself running the review.

THE BENEFITS OF TAR 2.0 & DISCO AI IN DOCUMENT REVIEW

Learning cycles are dynamic, and models update as soon as they receive sufficient signals (as few as a hundred) from lawyers reviewing the documents.

DISCO AI models are also sensitive to the nuances of the managed review process and are designed to train more frequently when the team is learning the case at the start of the review.

Workflows are flexible enough to learn continuously from lawyer coding activity throughout the review.

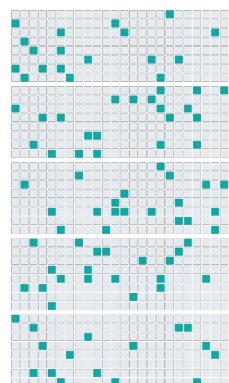
Rigorous statistical validation enables our clients to end reviews when it makes sense for their case, i.e., when the costs would otherwise become disproportionate.

DISCO's technology is highly scalable and brings the power of TAR 2.0 workflows to a range of dataset sizes — not just the very largest.

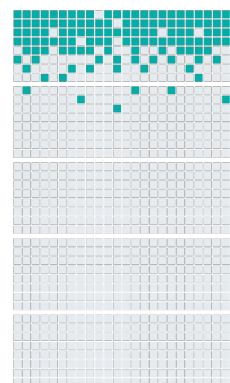
Results Powered by DISCO AI

Using continuous learning workflows, DISCO AI identifies characteristics of the documents tagged as responsive and bubbles up similar documents. Our tag predictions get smarter with every tagging decision the reviewer makes, meaning the review team is always reviewing the documents most likely to be relevant.

Natural document distribution



DISCO AI prioritized review distribution



DISCO REVIEW DRIVES BETTER OUTCOMES

With attorney resources and client budgets constantly tightening, leveraging the best technology, as well as the domain expertise to extract maximum value from that technology, is critical to achieving cost predictability. DISCO's managed review expertise offers proven, repeatable, and defensible technology-driven processes that leverage DISCO AI, empowering our team to craft continuous learning review workflows to maximize efficiency and reduce human effort on most document populations by 30–80%.

We're available if your workload suddenly requires more resources, you're looking to reinforce your existing review processes, develop new review processes by integrating DISCO AI into your review workflows, or leverage our comprehensive offering of technology and services to provide end-to-end discovery solutions.

[LEARN MORE](#)

To discuss how DISCO can streamline ediscovery and investigations with AI-powered legal tech, get in touch with one of our specialists and discover how our innovative tools and professional services are unlocking new levels of speed and productivity. **Learn more at csdisco.com**

ABOUT DISCO (NYSE: LAW) provides a cloud-native, artificial intelligence-powered legal solution that simplifies ediscovery, legal document review and case management for enterprises, law firms, legal services providers and governments. Our scalable, integrated solution enables legal departments to easily collect, process and review enterprise data that is relevant or potentially relevant to legal matters. For more information, visit csdisco.com.