

## ARBITRATION CASE STUDY

# Dentons Middle East

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Last year, Dentons' Dubai office was tasked with a vast, time-sensitive document review. Whilst initially the client informed the three-strong team that the review would contain around 200-300 documents, this soon swelled to over 180,000 documents - all of which had to be reviewed in just two weeks! To complete this vast review, Dentons turned to the power of AI to help them. Upon a recommendation from within the firm, Dentons Dubai opted to deploy Luminance's machine learning technology to assist them with the review process.

One of the key reasons Dentons opted for Luminance was the sheer power offered by the revolutionary core technology, the Legal Inference Transformation Engine (LITE). LITE is a unique blend of supervised and unsupervised machine learning algorithms that can read and form an understanding of a corpus of documents. It then rapidly surfaces anomalies and highlights important aspects of the data, at speeds and in volumes far exceeding human capacity. By working across the entire data set and immediately flagging these potential issues to lawyers, Luminance ensures teams can prioritise their workflow and undertake their review with unparalleled confidence that nothing has been missed. Further, because these machine learning algorithms are language and jurisdiction-agnostic, Luminance offers the flexibility for

lawyers to operate in international document rooms and work seamlessly across documents. This allowed Dentons to work across English and Arabic documents with ease.

Dentons also opted to use Luminance for the platform's project management and collaboration capabilities. With the team working primarily out of the Dubai office, whilst collaborating with a UK office, it was important to Dentons

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DENTONS DUBAI ASSOCIATE**

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that there was no duplication of work effort, and that no important documents were missed. Dentons cite Luminance's 'Tasks' tools as key in helping them manage the project across international teams. These allow for documents to be grouped, auto-assigned and tracked in real time. Luminance's workflow tools also equipped advisors to work with and within documents, never removing them from the context of the review and allowing them to view key information across the entire review.

Given that the team were only afforded two weeks to conduct the review, Dentons were impressed with Luminance's speed of deployment and ease of use. Luminance requires no time-intensive set-up, pre-programming or lengthy user onboarding; in fact, users are typically conducting their review within hours of document upload. This was critical to Dentons given their time constraints.

Dentons estimate that a manual review of this dataset would have taken the three reviewers around 60 working days to complete, but using Luminance Dentons were able to complete the full review inhouse, and meet the extremely tight timeframe set down by the procedural timetable in the case. Reviewing the entire dataset manually would have been unfeasible and might have led Dentons to outsource some of the work or rely on sampling techniques.

However, with Luminance the team were able to review the huge document set in its entirety, confident that their lawyers were fully apprised of all information.

Dentons were incredibly pleased with the transformative effect that Luminance had on their document review process. In fact, Dentons Dubai Associate Zahra Rose Khawaja said that "because we had such a positive experience using it, despite the limited time and resources and the fact that we hadn't previously had any training, we decided to make Luminance the standard document review platform for all our projects going forward."

**KEY FINDINGS**

- Luminance helped the team manage a document set which exploded from an initial 200-300 documents to over 180,000 documents
- Despite no software adoption plans, Luminance's ease-of-deployment and intuitive design meant the team could set up, learn the system and complete their review in two weeks
- Dentons estimated that manually the review would have taken 60 working days to complete. Using Luminance, the legal team reviewed the entire data set in two weeks, meeting the deadline and generating time savings of 80%

**About Luminance**

Luminance is the leading artificial intelligence platform for the legal profession, with over 250 customers in more than 50 countries. Luminance's machine learning technology reads and forms an understanding of documents, helping lawyers to perform the most thorough and rapid document reviews across practice areas including due diligence, contract negotiation, regulatory compliance reviews, property portfolio analysis and eDiscovery. Luminance has offices in London, Cambridge, New York and Singapore.