

DISCOVERY CASE STUDY

Norburg & Scherp

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Top-tier Swedish firm Norburg & Scherp deployed Luminance Discovery for a high-profile, international litigation project involving 20 lawyers and a team of quantum and forensics experts. After considering a range of eDiscovery tools, Norburg & Scherp felt certain that Luminance was the solution that would provide them with the rapid document analysis and insight they needed.

Luminance's revolutionary core intelligence, the Legal Inference Transformation Engine (LITE), harnesses a unique blend of supervised and unsupervised machine learning together with pattern-recognition algorithms to analyse huge quantities of documentation without the need for intensive machine pre-training, rule-creation or configuration. Thus, Norburg & Scherp did not have to invest valuable time or resources creating a bespoke system for their investigation – in fact, the legal team were able to start their Discovery process using Luminance within a matter of hours.

Norburg & Scherp began the eDiscovery process by uploading all potentially relevant documents into Luminance. At the point of upload, this was around 1.5 million documents, or 500GB. Using a combination of Luminance's automatic document filtration functionalities, such as AI-based de-duplication, and Luminance's powerful data culling widgets, Norburg & Scherp reduced the dataset

to a somewhat more manageable 80GB. Now Norburg & Scherp could begin their Early Case Assessment in earnest. After using machine learning to understand the dataset, Luminance renders this analysis as a clear 3D visualisation, displaying the relationships within the documents across multiple dimensions. This means that litigators no longer have to randomly pick through stacks of documents filed in no discernible order, but instead can quickly understand how one document relates to others, providing a far more efficient and thorough method of investigation.

KEY FINDINGS

- Norburg & Scherp estimated that they were able to work 10 times faster using Luminance Discovery
- AI-based de-duplication and data culling widgets rapidly reduced 500GB of data to 80GB
- Luminance's machine learning highlighted subtleties in the data

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Luminance's AI-based ECA also allows users to flag subtle discrepancies within documents which Norburg & Scherp believe could easily have been missed with other rules-based eDiscovery platforms.

Another important feature of ECA is, of course, manual searching and culling. Luminance's customisable UIs and widgets provide litigators with easy-to-use tools to quickly filter to the most relevant parts of the dataset. Users can search according to a vast number of parameters to get to the crux of the matter quickly and make sure nothing has been missed from the review.

Luminance's Deep Coding functionality is a powerful application of machine learning to the document review process, whereby the system actively learns from the lawyer's expertise when identifying which documents are relevant to the investigation. Then, with one click, users can extend this analysis across the entire data set, vastly expediting document review. Lawyers remain in control of the process, with inclusivity thresholds set by the user. Norburg & Scherp particularly liked the fact that Luminance's relevancy coding was easily auditable via a simple search. Another feature of Luminance's Technology Assisted Review that proved useful to Norburg & Scherp was Luminance's clustering functionality, whereby conceptually similar documents are displayed in tiles on an interactive heatmap. The heatmap is colour-coded according to review progress, and this enabled Norburg & Scherp to immediately see under-explored regions of the dataset and allocate resources as they saw fit, to get the most thorough document review. Perhaps most importantly, this functionality shows review progress throughout each conceptual area of the review, making sure that any smoking gun is not missed amongst the vast mass of data.

Luminance's workflow and collaboration tools also proved to be essential for Norburg & Scherp's 30-person team, allowing them to efficiently allocate tasks and distribute documents across teams, firms and countries. Norburg & Scherp appreciated the flexibility of Luminance's machine learning algorithms which mean that the platform is both language and jurisdiction-agnostic; thus Norburg & Scherp could upload and work across documents in English, Swedish, French and German seamlessly. Further, task management tools allowed Norburg & Scherp to visually track task and work progression throughout the review with the platform displaying real-time information on all search terms, applied filters and metadata, on both a review and individual level. Whilst Luminance Discovery is an out-of-the-box, intuitive platform, Luminance's dedicated eDiscovery Account Management team ensured Norburg & Scherp were supported throughout their review, with orientation and training sessions and a 24/7 support service provided. As a result, despite having never used Luminance Discovery before, Norburg & Scherp were able to see the full benefits of the technology.

Norburg & Scherp estimated that they were able to work 10 times faster using Luminance Discovery compared to other tools. Not only did they find the platform to be incredibly flexible and easy to navigate, but Norburg & Scherp felt they had more control over their review, with the technology working as a seamless extension of their review process. Impressed by the results, Norburg & Scherp are also looking to implement Luminance Discovery for smaller-scale litigation and arbitration cases, due to the unique flexibility of the technology.

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.