# Lighthouse AI and Analytics Drive Unprecedented Savings Across Multiple Matters

**A GLOBAL PHARMACEUTICAL COMPANY IS LEVERAGING LIGHTHOUSE'S AI-POWERED ANALYTICS ACROSS THEIR MATTER PORTFOLIO TO ACHIEVE UNPRECEDENTED EFFICIENCY, REDUCE OVERALL LEGAL SPEND, AND DECREASE RISK ACROSS ALL THEIR MATTERS.**

## Driving Value on Individual Matters

The pharmaceutical company first came to Lighthouse for better, faster review for a single matter. Leveraging our unparalleled range of advanced analytics accelerators, our experienced review managers and expert consultants created a custom review workflow that significantly reduced data volume, expedited review, and increased the accuracy of data classification.

### Individual Matter Review Workflow and Metrics

**Lighthouse Email Thread Suppression**
Custom email threading workflows identify only the most unique documents and removes all lesser inclusive email from review populations.

Data reduction: ~20%
Docs suppressed: ~15,000

**Coding Propagation**
Proprietary technology automates document-level deduplication and coding propagation. This technology identifies unique source documents that hit on search terms, so that as coding progresses, reviewer decisions can be automatically propagated to duplicates across the remaining document population.

Data reduction: ~20%
Docs suppressed: ~12,400

**Search Hit Only Review Workflow**
Family members without hits are added to the review queue only if the reviewed documents are deemed responsive. By using a Search Hit Only approach to review, family members of non-responsive search hit documents can be set aside from review.

Data reduction: ~25%
Docs suppressed: ~12,000

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# Driving Value Across All Matters

Based on the results from the first matter and Lighthouse's ability to obtain even more review efficiency by connecting matters, the company sent additional matters to Lighthouse. Applying advanced AI across the company's matters resulted in deeper matter insights and upleveled the accuracy of classification models in ways that would be impossible on one single matter.

As each new matter is added, Lighthouse AI identifies data that overlaps with past and concurrent matters.

This has two impacts at the outset: significant processing cost savings and unprecedented, early insights into new matters. These insights empower counsel to make more strategic, data-backed decisions from the start, leading to extraordinary downstream efficiencies and significantly reduced risk.

For example, across five currently connected matters for the company, Lighthouse AI showed that:

- "Outside Counsel A" email domains were coded privileged over 95% of the time.
- Emails with a government email domain on the communication were coded privilege 15% of the time.
- 20K documents of Custodian B were collected and processed across multiple matters, but only 10 documents were ever actually reviewed.
- Custodian C's documents were reviewed and produced across multiple matters, with a 0% privilege rate.

Lighthouse AI-powered insights and connections supercharge the efficiency, accuracy, and consistency for each subsequent matter. Past attorney work product and metadata are used to reduce the need for eyes-on review and improve the consistency and accuracy of review for responsiveness, privilege, PII, confidentiality, redactions, and more.

| | Case A | Case B | Case C | Case D | Case E |
|---|---|---|---|---|---|
| **Overlapping Documents** | 10,600 | 28,200 | 2,500 | 31,200 | 32,800 |

# Driving Value into the Future

The efficiency and risk mitigation benefits continue to grow for the pharmaceutical company with each new matter. A true big data technology, the more data Lighthouse AI ingests, the deeper and more nuanced its decision-making and insights become. Opportunities for data and attorney work product re-use will also grow with each new matter ingested, amplifying the company's ROI into the future.

| | Case A | Case B | Case C | Case D | Case E |
|---|---|---|---|---|---|
| **Documents promoted to review** | 17,300 | 51,800 | 23,700 | 35,000 | 74,200 |
| **Reused redactions** | 275 | 540 | 50 | 400 | 3,600 |
| **Reused privilege coding** | 4,300 | 6,080 | 970 | 4,100 | 11,000 |
| **Documents removed from review** | 7,000 | 23,800 | 3,200 | 4,200 | 56,200 |
| **Final review population** | 10,400 | 28,800 | 20,500 | 30,700 | 18,000 |