



Applying Statistics & AI in Document Review

ACC Meeting: Burlington, MA

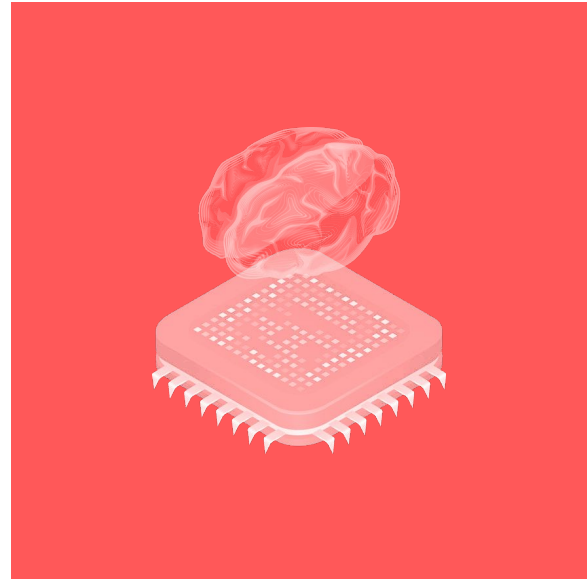
Presenter: Gregory MacFarlane (Vice President, DISCO Review)

December 14, 2022

●■ DISCO



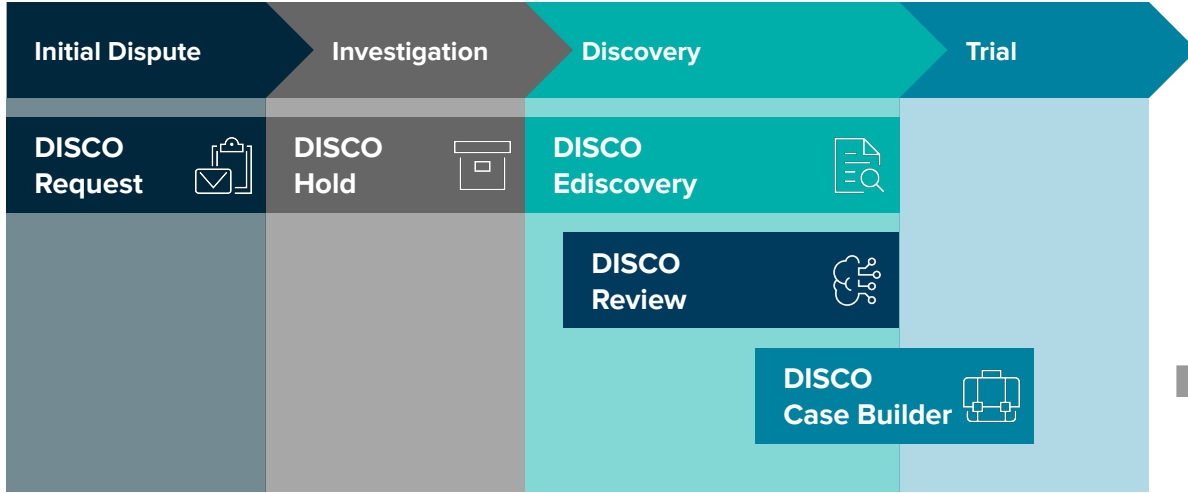
**Deep understanding
of the practice of law**




**World-class
engineering and design**




Complete Solution



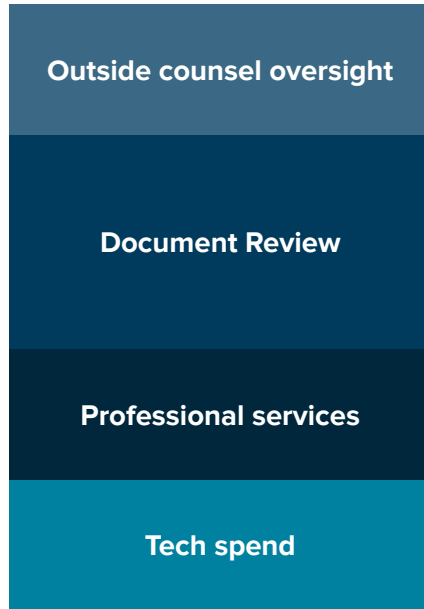
A grid of six service tiles, each with an icon and a label: Review mgmt (people icon), Consulting (map icon), Forensics (cloud with arrow icon), Data ops (gear icon), Project mgmt (umbrella icon), and DISCO Desk (circular flow icon).

 **DISCO Platform** 10Bn+ files 2.5 PB+ data

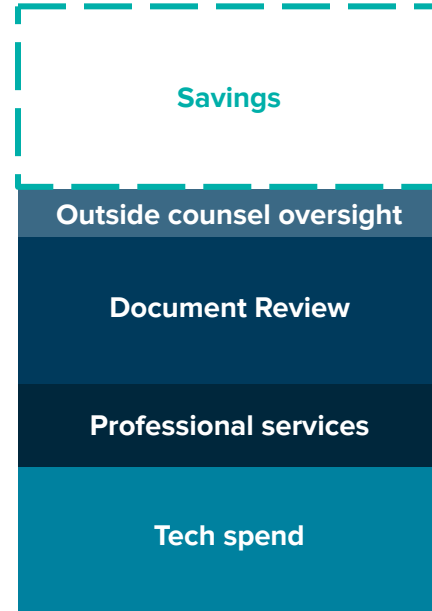
 **Cloud Infrastructure** 14Bn+ serverless compute calls



Reduce your legal spend



Traditional Costs



Intuitive, modern technology replace traditional services, review and Outside Counsel spend



●■ Document Review Workflows:

Linear

TAR 1.0

TAR 2.0

Prioritized Linear

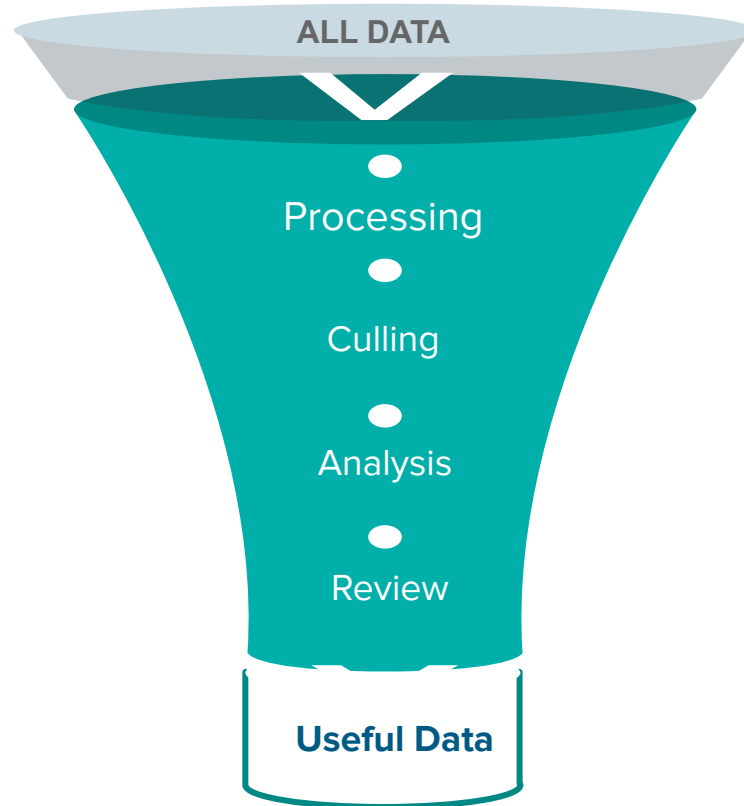


Linear Review

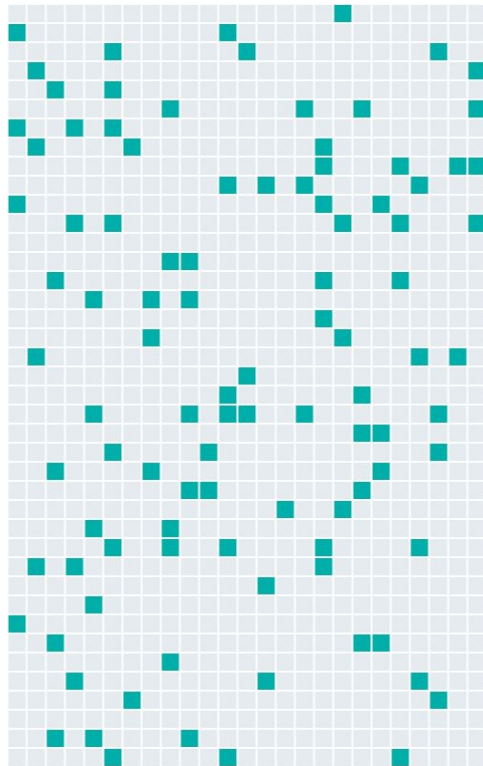
The most common workflow



Traditional workflow



●■ Linear Review:



Documents are viewed with little to no focus on the order.

All documents staged in the review population are reviewed.

Traditional workflow, but it does not increase either efficacy or efficiency.

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TAR 1.0/Predictive Coding

●■ TAR 1.0 Review:



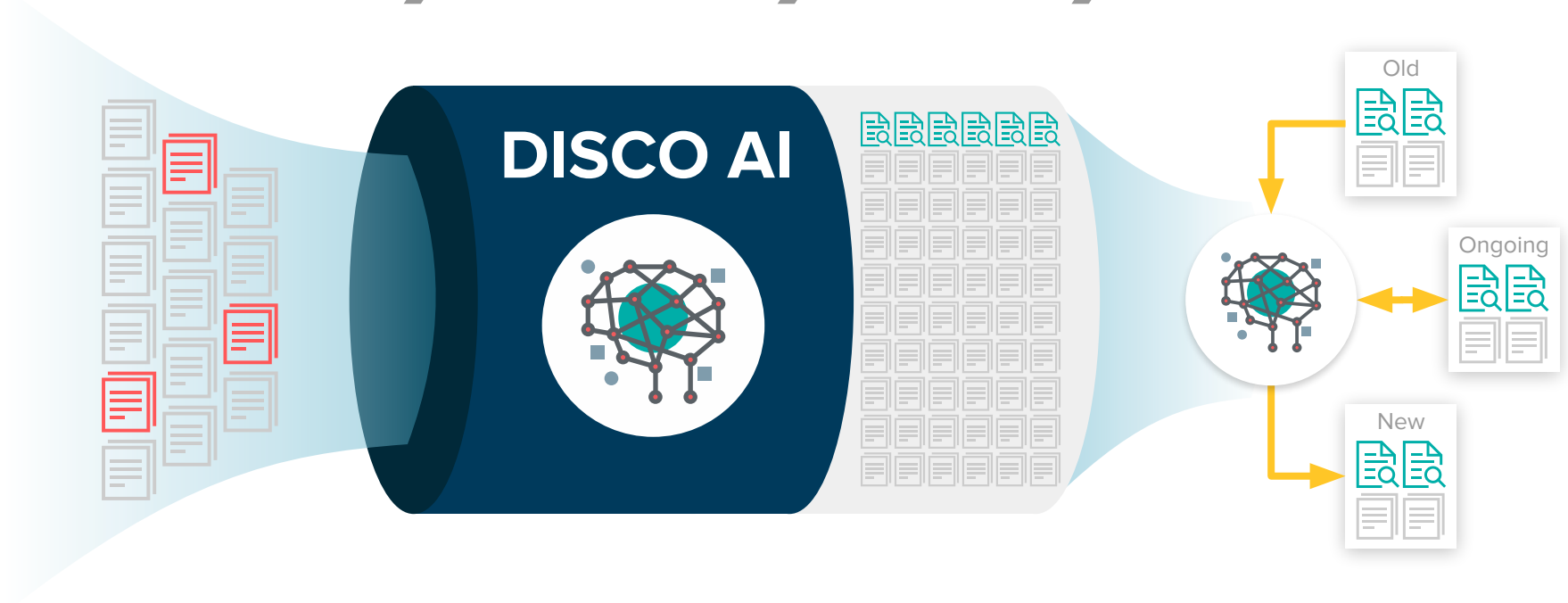
- Primarily used for Responsiveness only
- Requires a subject matter expert to code a seed set
- Used for very large review populations
- Technology makes the responsiveness decisions based on the seed set
- Second human review needed for privilege and facts
- Can be a terrific way to balance risk & cost



TAR 2.0/CAL

DISCO AI automates legal document review

Lawyers tag documents > AI model trained > AI finds more > AI reused across matters





AI-powered ediscovery



AI to prioritize information

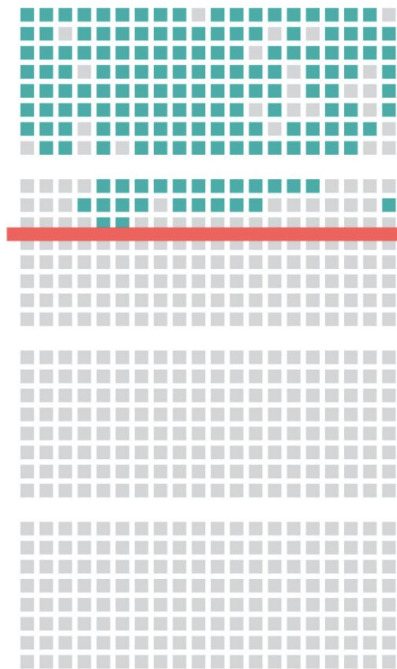
60%

faster

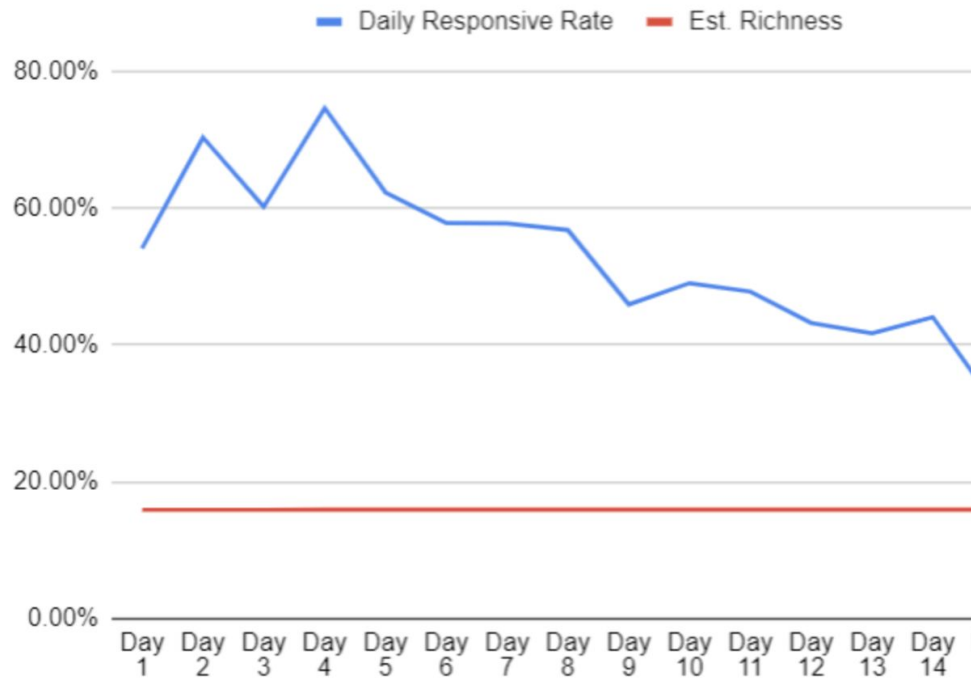
50%

fewer docs to review

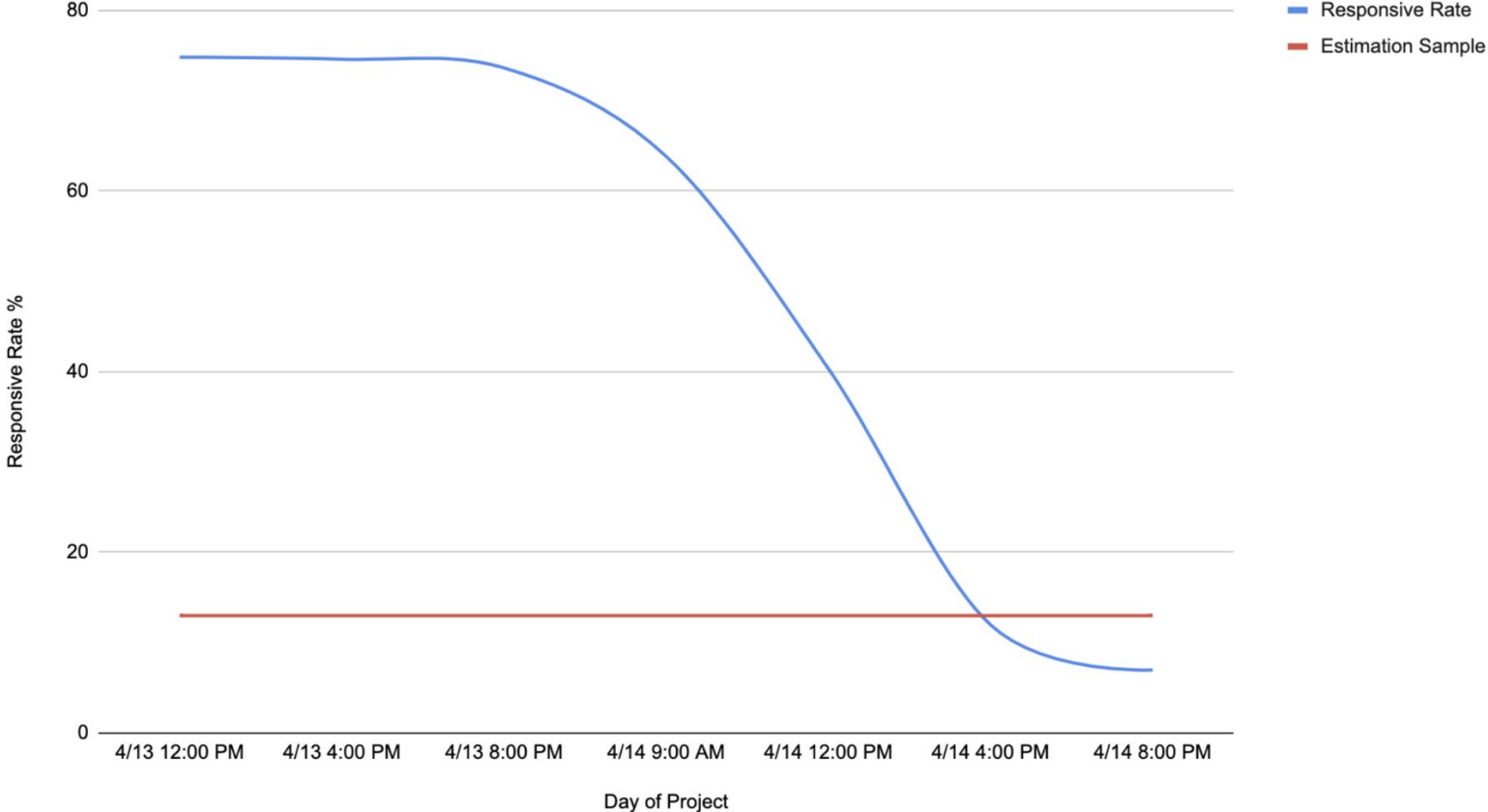
DISCO AI Review



●■ Rate of responsiveness over time



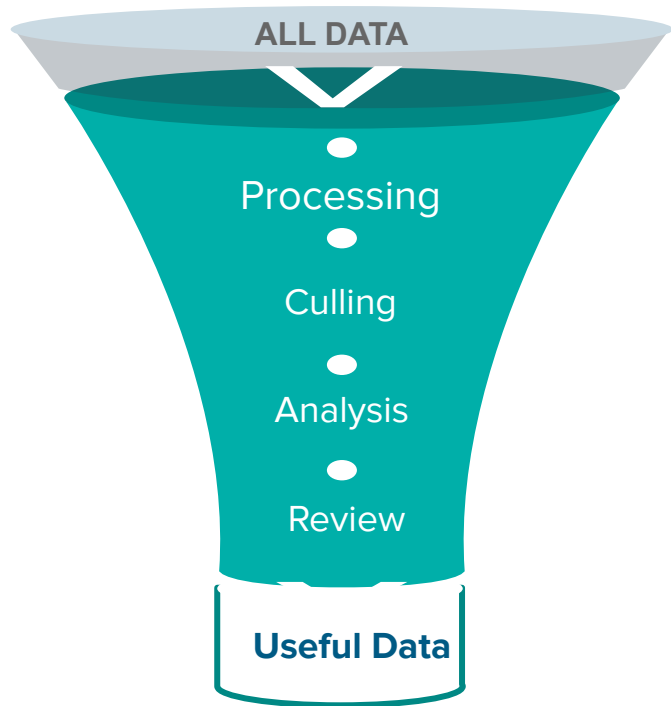
●■ Responsiveness over time





Statistical Sampling & Validation

●■ Culling in the blind



- ~62K documents loaded in the eDiscovery platform
- Search terms applied. 33K documents staged for review
- Original population was ~14% responsive
- **Resulting population was ~8% responsive**

●■ Culling in the blind

Review Population

- 33K Documents
- 8% Responsive
- 2,640 Responsive Documents

Culled Population

- 29K Documents
- 30% Responsive
- 8,680 Responsive Documents

More than 6,510 documents identified through review of fewer than 13,000 documents

● ■ Measurable performance

\$5

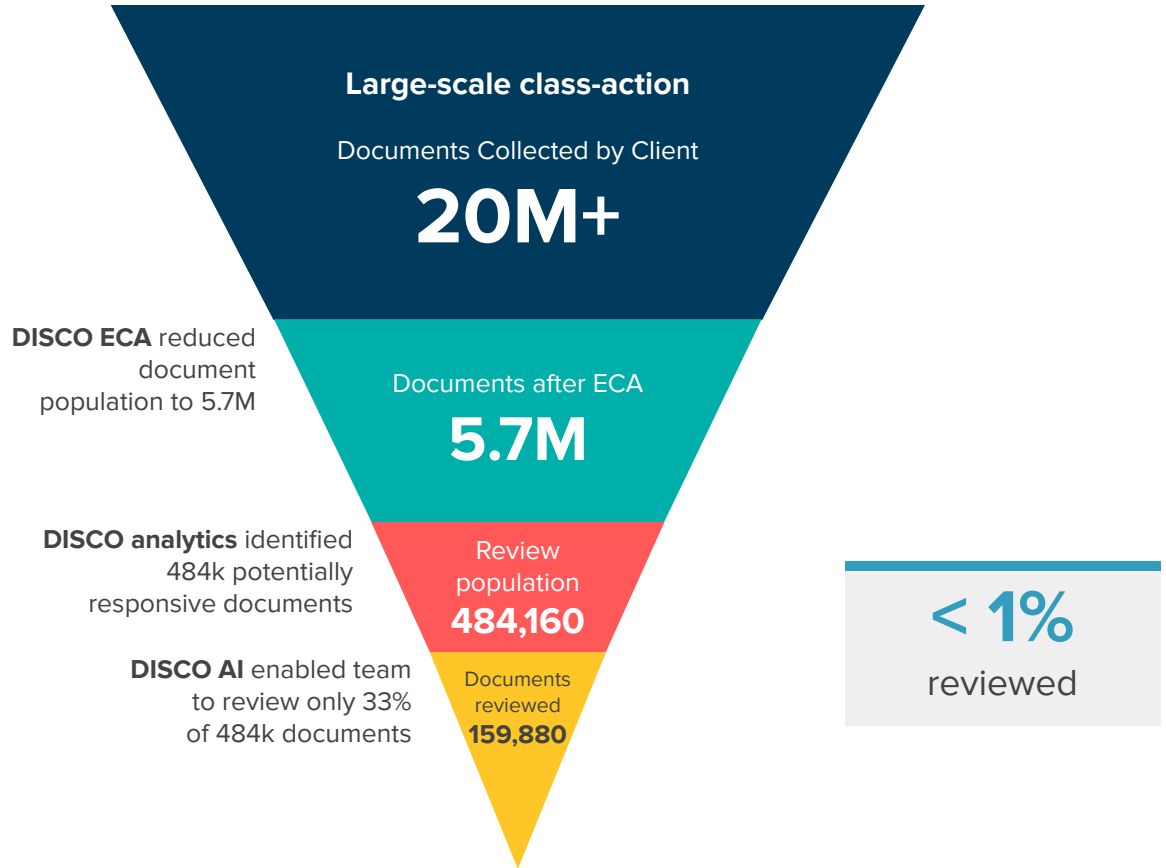
\$0.⁷⁰



Case Studies

●■ Case study

Cost reduction with DISCO Review



● ■ Case study

Kennedys

Success with DISCO Ediscovery

