



**Building a better
working world**

EY Discovery Data Services

Understanding data to deliver value

The era of social media, cloud and privacy regulation brings many challenges to data processing.

Given the diverse forms of data in the digital age, modern discovery relies on a creative combination of classic search and advanced analytics to effectively mine relevant information. At EY, we work with clients through each stage of the litigation life cycle, across platforms and data types. Our team is equipped with the right training, experience and technology to provide rapid, justifiable and proportional response to litigation and regulatory document requests with cost efficiency and quality delivery.

EY in action



Processing power enhanced through analytics

EY assisted a medical device manufacturer to sift through terabytes of data to identify documents requested in multiple government subpoenas. Using a combination of early case assessment and advanced search technologies, EY cut down the client's data set from 130 million records to fewer than 700,000 records. We then applied predictive coding to reduce the population even further and created a final production set consisting of only 120,000 records. Leveraging analytics in review procedures improved the appropriate identification of responsive documents and significantly enhanced outside counsel's review efforts. As a result, EY reduced the time and cost associated with review and case management for our client.



Seamless global coordination

EY was engaged to assist with the assessment of Foreign Corrupt Practices Act compliance by a multinational conglomerate. Leveraging our global team, EY was able to simultaneously collect data from more than 300 custodians in 25 countries over a two-week period. Driven by privacy laws and our client's requirements, the data was segmented and processed in two of EY's global data centers and mobile data centers on the client's premises in four other countries. Our team provided centralized, daily reporting on global collection, processing and review progress to management and its outside counsel.



Mobile data center provides scalability and security

Facing intense pressure from regulators, a global manufacturer needed to conduct an investigation spanning multiple continents. The investigation was particularly challenging due to the large data volumes (multiple terabytes) and European Union and other country-specific data protection and privacy regulations and laws. Within four weeks, EY deployed multiple mobile data centers at client locations and began to address these complex and critical compliance requirements, securely host 86 million documents for review, and help our client meet reporting and production timelines.

Why EY?

Global reach enhanced with local knowledge

With data centers and forensic labs across the globe, we can collect, process and host data in multiple locations, regardless of language. Our quality delivery is further enhanced through globally consistent tools, methodologies and project management protocols.

Analytics and machine learning bringing efficiency and insights

We apply analytics to every facet of the data processing process. Having designed and built technology-assisted review technologies ourselves, EY has the subject matter know-how to develop custom methodologies and workflows to meet each client's specific needs. Supporting our analytics-based technology stack is a big data infrastructure that is capable of scaling to virtually any volume of information and calibrating processing speed with data volume to safely accommodate our client's schedule.

Visual analysis and robust reporting

Leveraging advanced data analytics and visualization tools, we develop reports and dashboards to help legal teams gauge performance, progress and effectiveness of the discovery process in a holistic manner.

We have an extensive library of report templates developed from past engagements in a wide range of matters. Relevant examples include global portfolio reporting and keyword and email domain analysis, as well as structured and unstructured data association analysis. Our reports offer both an interactive dashboard view and a database or spreadsheet view. In addition, our professionals often team with clients to create custom reports based on their unique requirements.

Data protection and privacy regulatory compliance

We are committed to protecting our clients' information assets. We have established global operational guidelines about handling of client data and are supported by dedicated resources from EY General Counsel's Global Data Privacy team. EY has established Binding Corporate Rules (BCRs) to comply with EU and other relevant data protection and privacy regulations and laws. In many cases, particularly under EU's General Data Protection Regulation, BCRs allow us to undertake cross-border data transfer, which ultimately leads to economic efficiency and better quality control via centralized processing and review.

Flexible service arrangements and hosting options

Our preferred-provider arrangements offer the benefits of managed services, through which clients realize the speed and scale they need. We offer four data hosting options: EY cloud, client cloud, enterprise deployment and mobile data center. Our clients have direct connectivity to our computer forensic labs that feature multiple layers of physical and virtual security in more than 30 countries.

Our services include:

- ▶ Data identification, preservation and collection
- ▶ Processing and hosting
- ▶ Early case assessment
- ▶ Predictive coding
- ▶ Production, redaction and presentation of data
- ▶ Case-level reporting and analysis
- ▶ Project coordination
- ▶ Portfolio management across multiple matters

EY | Assurance | Tax | Transactions | Advisory

About EY

EY is a global leader in assurance, tax, transaction and advisory services. The insights and quality services we deliver help build trust and confidence in the capital markets and in economies the world over. We develop outstanding leaders who team to deliver on our promises to all of our stakeholders. In so doing, we play a critical role in building a better working world for our people, for our clients and for our communities.

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About EY Forensic & Integrity Services

Dealing with complex issues of fraud, regulatory compliance and business disputes can detract from efforts to succeed. Better management of fraud risk and compliance exposure is a critical business priority – no matter the size or industry sector. With approximately 4,500 forensic professionals around the world, we will assemble the right multidisciplinary and culturally aligned team to work with you and your legal advisors. We work to give you the benefit of our broad sector experience, our deep subject-matter knowledge and the latest insights from our work worldwide.

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