Forensic Data Acquisition

Data Collection and Processing

Electronically stored information (ESI) can exist in a variety of locations, be it physical devices such as desktops, laptops, phones, and enterprise storage systems, to logical systems such as email platforms, web-based applications, cloud-based systems and more.

Each piece of evidence may or may not exist on a certain device or apply to a certain matter. Thus, it is vital to engage experts who are able to provide the pre-sales and on-site technical experience needed as well as effectively translate the decision-making process.

DISCO Collections Methodology

DISCO works with clients to develop and implement comprehensive and forensically sound data acquisition efforts. DISCO closely collaborates with your team(s) to identify the right data and to ensure all considerations are covered during the collection process. This method provides a single-source contact to manage your collection efforts.

The benefits of using DISCO for data collection include a simplification of communications, reduction in points of failure, and a more precise, tailored result that will ultimately enhance your review experience within DISCO.

DISCO

DISCO combines world-class engineering with a deep love and respect for the law to deliver the best legal technology.

Forensic Images and Targeted (Logical) Collections

Whether you need to preserve the integrity of client data, search through deleted items or simply grab what is potentially relevant, DISCO can work with you to collect what is needed. Our experts use best in breed software to create a bit-level copy of an entire piece of storage media or device. Data integrity is then verified using a hash function. Additionally, DISCO can target data identified by custodians and collect it in a sound and defensible manner. Both methods involve maintaining detailed collection documentation along with a proper chain of custody for data collected.

Acquisitions Can Be Done On-site or Remotely

Depending on your timeline and collection needs, DISCO will work with you to determine the best collection strategy. In addition to being able to collect data on-site, we offer remote collection of data for both full forensic capture or targeted (logical) collections. Our forensic experts employ tool kits which allow them to connect remotely and collect data in a forensically sound manner. Regardless of which method you choose, the same, defensible acquisition processes are utilized and documented.

Best in Breed Tools and Industry Experts

DISCO partners with experts who have deep experience in the industry. Our experts hold a wide range of forensic certifications and can testify in 30(b)(6) hearings in jurisdictions across the country. Tools typically employed include EnCase E01 for full disk imaging, AccessData AD1, Encase Logical (L01) and X-Ways Container for targeted (or logical) collections, Cellebrite or XRY for Mobile and Offline Explorer, MHTML or FastStone Capture for Social Media. Additionally they can craft custom collection techniques for unique scenarios.

Data Ingest, Processing & ECA

During ingest, DISCO completes several steps including, but not limited to: De-NISTing, de-duplication, identification and construction of families and conversations, extraction of metadata, extraction of text, OCRing, ingestion of custom data fields, and more. Overall, DISCO automates the processing of messy, disparate data into normalized files that are easy to review. ECA tools such as search term reporting and search visualization allow instant context for your review manager or DISCO PM and enable smart culling and review decisions.

DISCO 12-step processing

1. Extract files from all containers and compressed archives
2. Remove system files
3. Extract all text and metadata
4. OCR all images
5. Normalize time zones
6. Detect duplicates
7. Detect near duplicates
8. Generate full-color PDF renderings
9. Create parent-child relationships
10. Create email conversations
11. Create search indices and review database
12. Generate a complete ingest report

DISCO

As the leading provider of software as a service solutions developed by lawyers for lawyers, DISCO is reinventing legal technology to automate and simplify complex and error-prone tasks that distract from practicing law. DISCO has been embraced by more than 400 law firms, including 50 of the AmLaw 200, as their first choice for innovative technologies that help great lawyers and their teams secure justice and win cases.

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