



# A Litigator's Guide to Mac eDiscovery

Apple Mac and iOS Collection, Processing, Review and Production

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**eDiscovery**  
**Webinar Series**

# eDiscovery Webinar Series

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- CTO and Principal, Lexbe LC
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- Prior Experience
  - Consulting Expert, Lumin Expert Group
  - Director of Software, nLine Corporation
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  - MBA, University of Texas
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# A Litigator's Guide to Mac eDiscovery

## Agenda

- The growth of the Mac and iPhones in modern business usage
- Mac specific
  - Collecting
  - Processing
  - Review
  - Production
- Practical Take-Aways

## Growth and Adoption in Corporate America of Apple i/OS and Mac

- Growth of Apple and Mac files is reflected in large amounts of data in our legal documents for review and processing including apps.
- Apple's success within the consumer market is penetrating the corporate space as more CTO's accept and support the Mac platform within the enterprise.
- What really matters is whether your next case contains Mac and/or iOS data and the likelihood of that is increasing.

# A Litigator's Guide to Mac eDiscovery

## Collecting Mac Data

- Mac data must be collected differently than Windows data
  - Different drive formats NTFS vs. HFS+.
    - Date Created / Last modified lost.
  - Different characters allowed \ / : \* ? " < > |
  - Dropbox issues.
- Mac data must be collected on a Mac.
- Make sure metadata is preserved.
- Identify Mac data EARLY in the process. Know the scope of data.
- Consider Early Case Assessment (ECA) on Mac.

Be aware that most vendors cannot handle collecting Mac data.

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## Processing Mac Data

- Mac data must be processed differently than Windows data
  - Different file formats
    - .mbox, .emlx vs. EML / MSG
    - Apple iWork (Pages, Numbers and Keynote) versus MS Office.
- Render into a format that preserves high fidelity of the original file. PDFs are ideal for this.
- Extensions could be classified as non-standard on a PC.

Be aware that most vendors cannot process Mac files.

# A Litigator's Guide to Mac eDiscovery

## Reviewing Mac data

- Should you use a Mac or a PC to review Mac data?
  - Since review platforms are Browser based you have a choice!
  - In general, use the platform you are most familiar with.
  - However, there are subtle differences to be aware of.



# A Litigator's Guide to Mac eDiscovery

## Reviewing Mac data: PC Example

The screenshot displays the Lexbe eDiscovery platform interface. On the left, a sidebar contains navigation options like 'Home', 'Case Analysis', 'Search', 'Browse', 'Discovery', 'Management', 'Processing', and 'Admin'. The main area shows a list of documents with columns for 'Doc Id' and 'Title'. A 'Doc Viewer' window is open, displaying a 'Full Document View' of a document titled '050514\_Xact1'. The document content is a table with columns: DATE, FERC FILE, SERVICE CUST, HR BEG, HR END, TOTAL HRS, and DEL PT. The table data is as follows:

DATE	FERC FILE	SERVICE CUST	HR BEG	HR END	TOTAL HRS	DEL PT
04/18/01			1	1	1	
04/18/01			2	2	1	SPMAL
04/18/01			3	3	1	SPMAL
04/18/01			4	4	1	SPMAL
04/18/01			5	5	1	SPMAL
04/18/01			6	6	1	SPMAL
04/18/01			7	7	1	SPMAL
04/18/01			8	8	1	SPMAL
04/18/01			9	9	1	SPMAL
04/18/01			7	7	1	SP15/NF
04/18/01			8	8	1	SP15/NF
04/18/01			9	9	1	SP15/NF
04/18/01			10	10	1	SP15/NF
04/18/01			11	11	1	SP15/NF
04/18/01			12	12	1	SP15/NF
04/18/01			13	13	1	SP15/NF
04/18/01			16	16	1	SP15/NF

On the right side of the Doc Viewer, there are panels for 'Disc', 'Doc', 'Notes', and 'Facts'. A 'Save' dialog box is also visible, with options for 'Auto Advance' and 'Propagate Coding'. The bottom of the screen shows the Windows taskbar with the search bar and system tray.

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## Reviewing Mac data: Mac Example

The screenshot displays the Lexbe eDiscovery platform interface within a Firefox browser window. The main window shows a document viewer for a document titled "Full Document View". The document content is a table with columns: "Doc ID", "File Name", "Type", "Status", "Created", "Modified", "Size", "Parent", "Child", and "Parent Doc ID". The table contains 25 rows of data, with the first 10 rows highlighted in yellow and the remaining 15 rows highlighted in green. The interface includes a sidebar with navigation options like "Browse", "Groups", "Folders", and "Filters". The top navigation bar shows the case name "Demo Enron Native 1" and the document ID "04-18". The browser address bar shows the URL "https://lexbe.ediscoveryplatform.com/Main/C".

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## Reviewing on a Mac

- Pros
  - Can review Mac files natively
    - Mac files such as email and iWork files can be viewed natively
  - Can review most PC files natively
    - Macs can open several files created on a PC including MS Office files.
    - Use dual boot to review remaining native PC files.
- Cons
  - Some review platforms have not given as much attention to Mac support as PC support. They may not work well with certain browsers like Safari, Firefox or Chrome.

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## Reviewing on a PC

- Pros
  - Some review platforms have given more attention to PC support than Mac.
- Cons
  - PCs CAN NOT open several Mac native files including emails and iWork files.

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## Ensuring Searchability.

- Text extraction
- Native indexing
- Dual indexing
- Consider dual indexing capability (native and imaged)

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## Producing Mac data.

- Determine if the production will include native versions, PDF, imaged or all.
- Be sure to check with your review platform provider that you will not have a unpleasant surprise when you get to production.

# A Litigator's Guide to Mac eDiscovery

## Practice Tips - When Requesting Mac files

- Plan in advance.
- Determine the litigation review platform that will be used and level of Mac support needed.
- Mac-based review may be important if many Mac-based files should be reviewed in native format.
- Determine how many reviewers will be using a Mac.
- If your production will be large or complex, you may wish to engage an eDiscovery specialist or your IT team for support.
- Consider how files can be shared and downloaded for review.

# A Litigator's Guide to Mac eDiscovery

## Practice Tips - Collecting and Processing

- Identify and collect Mac Mail (desktops, servers, laptops, cloud and devices).
- Perform an ECA of all Mac data and sources.
- Ensure all Mac data is collected early and upfront in the process.
- Plan your process for native review prior to collection and processing for productions.



# A Litigator's Guide to Mac eDiscovery

## Practice Tips - Producing Mac files

- Identify all Mac data early and collect office productivity files.
- Test for full processing and conversion of office productivity files including full searchability and indexing.
- Perform culling and deduplication of Mac system and files.
- Consider dual indexing capability (native and imaged).
- Perform near deduplication groupings - group documents where different versions may not be picked up in deduplication process.

# Thank You

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- MP3 podcast
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The Lexbe eDiscovery Platform is our cloud-based processing review and production tool. Designed for attorneys and legal staff to be DIY and easy to use with no users fees or case fees. Free standard loading with annual plans.

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