Supported File Types

This document will give the user an overview of the types of files supported by the most current version of Lexbe eDiscovery Platform. It will cover what files Lexbe eDiscovery Platform can support, as well as files types converted standard as part of Lexbe eDiscovery Services, the applications typically associated with the file, and the extensions of these files. It will also provide insight as to what file types are not supported and will be receiving a placeholder. This will review the most widely used text/word processing files, container files (for example, .zip and .rar files), media files, email files, and database files that can be converted.

Prior to converting files, we apply container file expansion, DeNIST, and extension repair procedures. Files that we do not convert as part of our automated processing services are marked with a placeholder file.

Standard File Types for Conversion

We identify and attempt to convert (to TIFF or PDF, depending on the service), the following file types:

Ext	Application / Description	Type
bmp	Image BMP	Image
class	Java programming file	Text/Word Processing
config	Application configuration File	Text/Word Processing
css	Cascading style sheet (web page support)	Text/Word Processing
csv	CSV (Comma-separated values) (*.csv)	Text/Word Processing
doc	Microsoft Word 2003 for Windows (*.doc)	Text/Word Processing
docx	Microsoft Word 2007 and 2010 for Windows (*.docx)	Text/Word Processing
eml	Microsoft Outlook Express email	Email
emlx	Apple file	Email
gif	Image GIF	Image
htm	HTML web page	Web Page
html	HTML web page	Web Page

ics	iCalendar file	Text/Word Processing
inf	Setup Information File	Text/Word Processing
ini	Text configuration file	Text/Word Processing
jpeg	JPEG	Image
jpg	JPG	Image
js	Javascript programming file	Text/Word Processing
json	Javascript object notation file	Text/Word Processing
lnk	Windows File Shortcut	Text/Word Processing
log	Application log file	Text/Word Processing
manifest	Java programming file	Text/Word Processing
mht	HTML web page	Web Page
mht	MHT archives (HTML archives saved by Internet Explorer (*.mht)	Web page
msg	Microsoft Outlook email	Email
pdf	Adobe Acrobat (converted from text)	Text/Word Processing
pdf	Adobe Acrobat (image only)	Image
pdf	Adobe Acrobat (text under image)	Image
php	PHP programming file	Text/Word Processing
png	PNG image	Image
pps	Microsoft PowerPoint 2003 for Windows	Presentation
ppsx	Microsoft PowerPoint 2007 and 2010 for Windows	Presentation
ppt	Microsoft PowerPoint 2003 for Windows	Presentation
pptx	Microsoft PowerPoint 2007 and 2010 for Windows	Presentation
pst	Microsoft Outlook data files	Container
py	Python Programming Script	Text/Word Processing

rar	RAR	Container
rtf	Microsoft Rich Text Format (*.rtf)	Text/Word Processing
tif	TIF	Image
tiff	TIFF	Image
txt	ASCII Text	Text/Word Processing
url	Uniform Resource Locator file	Text/Word Processing
vcf	Vcard contact information file	Text/Word Processing
xls	Microsoft Excel 2003 for Windows (*.xls)	Spreadsheet
xlsm	Microsoft Excel 2007 and 2010 for Windows (*.xlsx)	Spreadsheet
xlsx	Microsoft Excel 2007 and 2010 for Windows (*.xlsx)	Spreadsheet
xml	XML text	Text/Word Processing
zip	Archive container ZIP (*.zip)	Container

Failure to Convert Standard File Types

If we attempt to convert one of the standard file types above and cannot, our procedure is to create a placeholder file and indicate in the database record that the file 'Failed to Convert'. The standard file types may fail to convert for a variety of reasons, including file corruption, file type mis-identification, print or data extraction issues, and password protection.

Some non-converted standard file types can be converted with manual technical support services (hourly or per GB charges depending on file type and issues involved).

Other Files Not Converted

We do not attempt to convert files other than the standard file types above. When we encounter a file type not considered 'standard', our procedure is create a placeholder file and indicate in the database record that the file was 'Not Converted'.

Some non-converted non-standard file types can be converted with manual technical

support services (hourly or per GB depending on file type and issues involved).

Files not Converted include a number of file types, including Media Files, some Container Files, some Email Files, Database Files, and other file types as described below.

Failure to convert a file does not mean it does not contain probative evidence, only that we did not convert it with our automated procedures. These files should be reviewed and further steps to make reviewable should be considered, when appropriate.

Media Files

Media files (video and audio) cannot be converted to TIFF or PDF. The following is a listing of common media file types. These can be uploaded to Lexbe eDiscovery Platform, their records coded, and sometimes viewed or played depending on file type, connection speed and local browser and computer settings and installed applications. The following is a listing of common media types:

Ext	Application / Description	Type
avi	Windows video	Video
asf	ASF	Video
m4a	QuickTime	Video
m4p	Apple	Video
m4v	QuickTime	Video
mov	QuickTime	Audio
mp3	MP3	Audio
swf	Flash	Video
wav	Wav file	Audio
wma	WMA	Audio or Video
wmf	Windows	Metafile Format
wmv	Windows Video	Video
vgs	Virtual Game Station Memory Card Save	Video

Unusual Container Files

As part of our automated processing, we extract ZIP and RAR files. We do not automatically extract more unusual container files. Some types we do not process include 7z, G7, Iza, Jar, Sit. We can extract many container files that we do not automatically extract as part of a separate technical processing (hourly cost). The following are common file types you may wish for us to convert in any particular file set if present.

Email Files

Our automated conversion processes automatically processes and converts common email files.

Ext	Application
EML	Microsoft Outlook Express & Windows Mail
EMLX	Apple Email
MSG	Microsoft Outlook (Message)
PST	Microsoft Outlook (Container)

In native deliveries of electronic discovery, email file types are often saved as or converted to Microsoft PSTs as part of collection.

Other email files or stores must be manually or batch converted prior to automated processing (separate job and cost). The following are email types we do not automatically process but can process manually (separate technical support job).

Ext	Application
dbx	Microsoft Outlook Express 5 and 6 for Windows
mbs	Opera Email for Windows
mbx	Eudora MBX message files

mbx	MBOX email archives (including Thunderbird)
nsf	Lotus Notes email

Database Files

Our automated conversion processes do not convert database files. If data is to be extracted, then someone should open the databases individually and query them for applicable reports, and then save as text, Excel spreadsheets, or PDFs for further processing. We do this as a manual technical support service (hourly). The following are database types we do not automatically process but may be process manually (separate technical support job), depending on type and version.

Ext	Application
dbf	Oracle or other database
frm	MySQL
myd	MySQL
myi	MySQL
mdb	Microsoft Access Database 2003
mdbx	Microsoft Access Database 2007 and 2010
iif	Intuit interchange file (Quickbooks)
ldf	SQL Server
qba	Quickbooks
qbb	Quickbooks
qbm	Quickbooks
qbw	Quickbooks
qbx	Quickbooks

qby	Quickbooks

MAC Files

Our automated conversion procedures do not reliably convert productivity files used for the MAC (e.g., Microsoft Office for the MAC, Apple Numbers, etc.) These files may possibly convert, depending on version and other factors, but often will not convert, misconvert or generate unhelpful internal MAC resource fork files. Mac email is also not supported (MAC native or Outlook for the MAC). We recommend that MAC productivity files be converted to MS Office for Windows version 2007 or 2010 prior to upload.

Other Files Not Automatically Converted

We do not automatically convert a number of file types that may include relevant data. For many we can convert to PDF or TIFF with non-automatic procedures with our Lexbe eDiscovery services, but this requires a separate job and instructions. The following are common file types you may wish for us to convert in any particular file set if present.

Ext	Application	Type
123	Lotus 1-2-3 (*.123, *.wk?)	Spreadsheet
art	Bitmap image file compressed by (AOL)	Graphic/Image
doc	Microsoft Word for the Mac (any version)	Text/Word Processing
docs	Microsoft Word for the Mac (any version)	Text/Word Processing
pages	iWork Pages for the Mac (any version)	Text/Word Processing
numbers	iWork Numbers for the Mac (any version)	Spreadsheet
key	iWork Keynotes for the Mac (any version)	Presentation
dwg	Autocad	Other
dxf	Autocad	Other
epsf	EPSF	Image
hjt	Treepad HJT files	Other

mpp	Microsoft Project 2003	Other
mppx	Microsoft Project 2007 - 2010	Other
obd	Office binder document	Container
qpw	Quattro Pro	Spreadsheet
sam	Ami Pro (*.sam)	Text/Word Processing
tmp	Application Temporary File	Other
vdx	Visio XML files (*.vdx)	Image
vcf	MS Outlook, other programs (contact info)	Text
xlk	Backup file created by MS Excel	Other
wb1	Quattro Pro	Spreadsheet
wb2	Quattro Pro	Spreadsheet
wb3	Quattro Pro	Spreadsheet
wks	Microsoft Works	Text/Word Processing
wpg	WPG (WPG version 1.0 only)	Image