Forcepoint
DLP

v9.0

DLP Supported File Formats and Size Limits

Contents

Chapter 1

Forcepoint DLP Supported File Formats and Size Limits

This article provides a list of the file formats that can be analyzed by Forcepoint DLP, file formats from which content and meta data can be extracted, and the file size limits for network, endpoint, and discovery functions.

Refer to the below topics for more information.

Related concepts
File Size Limits on page 67

Related reference
Supported File Formats on page 7

Chapter 2

Supported File Formats

Contents

The following topics lists the file formats supported by Forcepoint DLP. File formats are in alphabetical order by format group (Supported file formats are added and updated frequently).

Key to support tables

Symbol	Description
Y	The format is supported
N	The format is not supported
P	Partial metadata is extracted from this format. Some non-standard fields are not extracted.

Archive Formats

File Format	Detection	Content Extraction	Meta Data Extraction
7-Zip	Y	N	N
ACE	Y	N	N
AD1	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Adobe AIR application installer package	Y	N	N
Adobe Flash Flex project file format	Y	N	N
Apple Double	Y	N	N
Apple Single	Y	N	N
ARC/PAK Archive	Y	N	N
ARJ	Y	N	N
ARJ (Archive by Robert Jung) file format	Y	N	N
Associated Signature Container Simple format	Y	N	N
Associated Signature Container Extended format	Y	N	N
Ax Crypt encrypted document	Y	N	N
B1 Archive	Y	N	N
BinHex	Y	N	N
BlakHole compression format	Y	N	N
BZIP2	Y	N	N
CA Technologies ZIPXP compressed document	Y	N	N
CHM	Y	N	N
CMZ compression format	Y	N	N
Compactor / Compact Pro Archive	Y	N	N
COMPOUND	Y	N	N
cpio Archive (UNIX/VAX/SUN)	Y	N	N
cpio Archive CRChdr	Y	N	N
DEB	Y	N	N
Disk Doubler Compression	Y	N	N
Disk Image	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Executable Java Archive (jar) file	Y	N	N
Expert Witness Compression Format (EnCase)	Y	N	N
Extensible Archive (XAR) format	Y	N	N
FreeArc archive format	Y	N	N
Ghost Disk Image File	Y	N	N
Git Packfile format	Y	N	N
Google Chrome Extension format	Y	N	N
GZ Compress	Y	N	N
GZIP	Y	N	N
IDOL Server IDX file	Y	N	N
Incomplete ZIP	Y	N	N
Install Shield archive (early versions) format	Y	N	N
InstallShield Cabinet Archive format	Y	N	N
InstallShield Compiled Rules file	Y	N	N
InstallShield script document	Y	N	N
InstallShield Z Archive format	Y	N	N
Inte lHex format	Y	N	N
Internet Archive ARC format	Y	N	N
ISO	Y	N	N
ISO-9660 CD Disc Image Format Reader	Y	N	N
Java Archive	Y	N	N
Java WAR file format	Y	N	N
Java EAR file format	Y	N	N
Kryptel encrypted file	Y	N	N
Legato EMailXtender Archive	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Lempel-Ziv Finite State Entropy (LZFSE) compression format	Y	N	N
LZ4 compressed file	Y	N	N
LZH	Y	N	N
LZMA compressed data format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Mac Disk Copy Disk Image	Y	Y	N
MacBinary	Y	N	N
Microsoft Cabinet format	Y	N	N
Microsoft Compiled HTML	Y	N	N
Microsoft Compressed Folder	Y	N	N
Microsoft Office Binder format	Y	N	N
Microsoft Power BI Desktop format	Y	N	N
Microsoft Silver light application (XAP) format	Y	N	N
Microsoft Tape Format	Y	N	N
MusicXML format	Y	N	N
NSIS	Y	N	N
PEX Binary Archive	Y	N	N
PIM Archiver format	Y	N	N
PKZIP	Y	N	N
PowerArchiver PA compression format	Y	N	N
QEMU Copy On Write	Y	N	N
RAR Format	Y	N	N
PowerArchiver PA compression format	Y	N	N
RAR5	Y	N	N
RPM	Y	N	N
SAP compression archive SAR format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Security Accounts Manager (SAM)	Y	N	N
SFX	Y	N	N
Softdisk Softlib compression format	Y	N	N
Softdisk Text Compressor format	Y	N	N
SPLIT	Y	N	N
Snappy Framed compression format	Y	N	N
StuffIt X (SITX) archive format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Stuff It Archive (Mac)	Y	N	N
Symantec PGP NetShare encrypted file	Y	N	N
Symbian installer format	Y	N	N
Time-stamped data format	Y	N	N
Unix Archive format	Y	N	N
UNIX Compress	Y	N	N
UNIX SHAR	Y	N	N
UNIX Tape ARchiver	Y	N	N
UU Encoded	Y	N	N
Virtual Box Disk Image	Y	N	N
Wang Office GDL	Y	N	N
Web ARChive Files	Y	N	N
Microsoft Windows thumbs.db format	Y	N	N
Microsoft Windows Installer Patch Package (MSP) format	Y	N	N
Microsoft Windows Installer Transform (MST) format	Y	N	N
Microsoft Windows Imaging Format (WIM)	Y	N	N
Windows Scrap File	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
WinZip	Y	N	N
XPInstall Cross-Platform Installer Module (XPI) format	Y	N	N
XZ	Y	N	N
Z	Y	N	N
Zipped Keyhole Markup Language	Y	N	N
Zoo Compressed Archive Format	Y	N	N
Zstandard compression format	Y	N	N

Backup Formats

File Format	Detection	Content Extraction	Meta Data Extraction
Microsoft Windows Backup File	Y	N	N

Business Intelligence (BI) and Analysis Formats

File Format	Detection	Content Extraction	Meta Data Extraction
BizInt Smart Charts data format	Y	N	N
Chem Draw CDX format	Y	N	N
ChemDraw CDXML format	Y	N	N
Cognos PowerPlay up to version 7 (PPR) format	Y	N	N
Crystal Maker chemical format	Y	N	N
GenBank DNA character sequence document	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
General Algebraic Modeling System (GAMS) Data Exchange (GDX) format	Y	N	N
MSI Cerius chemical formula document	Y	N	N
Microsoft Power BI Desktop format	Y	N	N
Microsoft Power BI Desktop template format	Y	N	N
SAP Crystal Reports format	Y	N	N
Tableau Data Source format	Y	N	N
Tableau Extract format	Y	N	N
Tableau Map Source format	Y	N	N
Tableau Packaged Data Source format	Y	N	N
Tableau Packaged Workbook format	Y	N	N
Tableau Preferences format	Y	N	N
Tableau Workbook format	Y	N	N
TIBCO Spotfire DXP data format	Y	N	N

Computer-Aided Design Formats

File Format	Detection	Content Extraction	Meta Data Extraction
3D Manufacturing Format document	Y	N	N
3D Sprint (3D Systems) SLA Build file	Y	N	N
3D Systems STL Binary Format	Y	N	N
Abaqus ODB Format	Y	N	N
Additive manufacturing file format (AMF) document	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
AutoCAD Drawing	Y	Y	Y
AutoCAD Drawing Exchange binary	Y	Y	Y
AutoCAD Drawing Exchange text	Y	Y	Y
AutoCAD DXF binary format	Y	N	N
AutoCAD DXF text format	Y	N	N
AutoCAD VBA project format	Y	N	N
Autodesk 3ds format	Y	N	N
Autodesk 3ds Max format	Y	N	N
Autodesk Design Web format	Y	N	N
Autodesk DWG	Y	N	N
Autodesk Maya ASCII file	Y	N	N
Autodesk Maya binary file	Y	N	N
Autodesk Maya textual file	Y	N	N
AutoForm Design file	Y	N	N
Away3D scene file	Y	N	N
CANape ASC	Y	N	N
CATIA	Y	Y	Y
Cinema 4D model	Y	Y	Y
Collada Digital Asset Exchange (DAE) format	Y	N	N
Coordinate 3D (C3D) format	Y	Y	Y
DirectX High-Level Shader Language (HLSL) pre-compiled shade	Y	Y	Y

File Format	Detection	Content Extraction	Meta Data Extraction
DirectX High-Level Shader Language (HLSL) compiled shader object	Y	Y	Y
Extensible 3D Graphics (X3D) XML format	Y	N	N
GMSH Meshpolygon format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Grasshopper GHX format	Y	N	N
Initial Graphics Exchange Specification format	Y	N	N
Java View XML (JVX) format	Y	N	N
Kaydara FBX project (ASCII)	Y	N	N
Kaydara FBX project (Binary)	Y	N	N
LS-DYNA binary output (binout)	Y	N	N
LS-DYNA State Database	Y	N	N
Macro-enabled Microsoft Visio Drawing	Y	Y	Y
Macro-enabled Microsoft Visio Stencil	Y	Y	Y
Macro-enabled Microsoft Visio Template	Y	Y	Y
Microsoft Visio	Y	Y	Y
Microsoft Visio Drawing	Y	Y	Y
Microsoft Visio Stencil	Y	Y	Y
Microsoft Visio Template	Y	Y	Y
MicroStation	Y	N	N
Nastran OP2 format	Y	N	N
Parasolid ascii XT format	Y	N	N
Parasolid binary XB format	Y	N	N
Polygon File Format (PLY) ASCII format	Y	N	N
Polygon File Format (PLY) binary format	Y	N	N
Power World Binary (PWB) file	Y	N	N
Power World Display (PWD) file	Y	N	N
PTC Creo ASM format	Y	N	N
PTC Creo DRW format	Y	N	N
PTC Creo FRM format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
PTC Creo PRT format	Y	N	N
Siemens NX CAD format	Y	N	N
Softimage Scene SCN format	Y	N	N
Solidworks file (2015 onward)	Y	N	N
STEP format	Y	N	N
UGS Jupiter Tesselation file	Y	N	N
Unigraphics	Y	Y	N
Various PTC Creo CAD formats	Y	N	N
Wavefront Material Template Library (MTL)	Y	N	N
Wavefront OBJ geometry definition file	Y	N	N
ZBrush ZProject (ZPR) format	Y	N	N
ZBrush ZTtool (ZTL) format	Y	N	N

Cryptography Formats

File Format	Detection	Content Extraction	Meta Data Extraction
ASCII-armored PGP encoded	Y	N	N
ASCII-armored PGP signed	Y	N	N
ASCII-armored Public Keyring	Y	N	N
Ax Crypt encrypted document	Y	N	N
Encrypted 7-Zip File	Y	N	N
Encrypted Access Database files (Legacy)	Y	N	N
Encrypted B1 File	Y	N	N
Encrypted Excel Binary Files (Legacy)	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Encrypted files of unknown format	Y	N	N
Encrypted PowerPoint Binary Files (Legacy)	Y	N	N
Encrypted RAR5 File	Y	N	N
Encrypted Word Binary Files (Legacy)	Y	N	N
Kryptel encrypted file	Y	N	N
Microsoft Office Encrypted Files (OOXML)	Y	N	N
Nero Encrypted File	Y	N	N
Open PGP (new format packets)	Y	N	N
PDF Encrypted format	Y	N	N
PGP Compressed Data	Y	N	N
PGP Encrypted Data	Y	N	N
PGP Public Keyring	Y	N	N
PGP Secret Keyring	Y	N	N
PGP Signature Certificate	Y	N	N
PGP Signed and Encrypted Data	Y	N	N
PGP Signed Data	Y	N	N
PKCS #7 cryptographic format	Y	N	N
RAR Encrypted Format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Symantec PGP NetShare encrypted file	Y	N	N
ZIP encrypted format	Y	N	N

Database Formats

File Format	Detection	Content Extraction	Meta Data Extraction
Ability Database	Y	N	N
Access Database Template Files	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Apple iTunes music library	Y	N	N
Berkeley DB btree database format	Y	N	N
Berkeley DB hash database format	Y	N	N
Berkeley DB log database format	Y	N	N
Berkeley DB queue database format	Y	N	N
Borland Reflex 2	Y	N	N
Borland Turbo C project file	Y	N	N
dBase Database	Y	Y	N
DVD Information (IFO) file	Y	N	N
FileMaker Mac	Y	N	N
GPG trust database format	Y	N	N
Informix SmartWare II Database	Y	N	N
Lotus Approach format	Y	N	N
Machine-Readable Cataloging (MARC21) format	Y	N	N
Microsoft Access	Y	Y	N
Microsoft Access 2000	Y	N	N
Microsoft Access 95	Y	N	N
Microsoft Access 97	Y	N	N
Microsoft Exchange Server Database Files	Y	N	N
Microsoft Program Database format	Y	N	N
Microsoft Windows95/NT help full text-search file	Y	N	N
Microsoft Windows Shim Database file	Y	N	N
Microsoft Works Database (DOS, Mac, PC, Windows)	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Microsoft Windows thumbs.db format	Y	N	N
Microsoft SQL Server primary database file	Y	N	N
MySQL MyISAM Table index	Y	N	N
MySQL table definition file	Y	N	N
ODF Database	Y	N	N
OrgPlus Organization Chart	Y	N	N
Paradox (PC) Database	Y	N	N
Reflex	Y	N	N
RRDtool (Round Robin Database) datafile	Y	N	N
SAS 6 Data storage format	Y	N	N
SAS Transport File XPORT format	Y	N	N
SAS7BDAT database storage format	Y	N	N
SPSS Statistics Data File Format	Y	N	N
Stata Data Format	Y	N	N
SQLite database format	Y	N	N
SQLite Write-Ahead Log file	Y	N	N
SQLite WAL-index (shm) file	Y	N	N
Star Office (4,5) Database	Y	N	N
X12-encoded EDI document	Y	N	N

Desktop publishing formats

File Format	Detection	Content Extraction	Meta Data Extraction
Adobe FrameMaker	Y	N	N
Adobe FrameMaker Book	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Adobe In Design IDML format			
Adobe PageMaker document	Y	N	N
Aldus PageMaker (DOS)	Y	N	N
Aldus PageMaker (Mac)	Y	N	N
Maker Markup Language	Y	N	N
Microsoft Publisher	Y	Y	Y
NEBS PageMagic format	Y	N	N
Plan Perfect	Y	N	N
Quark Xpress	Y	N	N
QuarkXPress Intel format	Y	N	N
Serif PagePlus format	Y	N	N
Timeworks Publisher (PublishIt) format	Y	N	N

eBook/Audio book formats

File Format	Detection	Content Extraction	Meta Data Extraction
Amazon KFX eBook format	Y	N	N
Amazon Kindle or Mobipocket eBookformat	Y	N	N
Amazon Kindle Topaz eBook	Y	N	N
Apple iBooks format	Y	N	N
Audible Audio book (AA) file	Y	N	N
Broad Band eBook (BBeB) in LRF format	Y	N	N
DNAML DNL eBook	Y	N	N
FictionBook eBook XML format	Y	N	N
Open eBook Publication Structure (OEBPS) XML format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
TCR (Text Compression for Reader) eBook format	Y	N	N

Executable formats

File Formats	Detection	Content Extraction	Meta Data Extraction
AIX/RISC COFF executable	Y	N	N
Android PackageKit (APK) format	Y	N	N
Byte-compiled Lisp (Emacs/ XEmacs)	Y	N	N
Common Object File Format (COFF) executable	Y	N	N
Component Pascal/ Oberon Code (executable and loadable object) file	Y	N	N
Dalvik Executable dex format	Y	N	N
ELF Executable	Y	N	N
Executable	Y	N	N
Executable Java Archive (jar) file	Y	N	N
HPUX/PA-RISC COFF executable	Y	N	N
Mac OS-X (Mach-O) executable format	Y	N	N
MS DOS Device Driver	Y	N	N
MSI Windows Installer	Y	N	N
Network Common Data Form NetCDF format	Y	N	N
Program Information File	Y	N	N
Python compiled bytecode	Y	N	N
Unix Executable 3B20	Y	N	N
Unix Executable Basic 16	Y	N	N
Unix Executable Bell 5.0	Y	N	N

File Formats	Detection	Content Extraction	Meta Data Extraction
Unix Executable iAPX 286	Y	N	N
Unix Executable MC68k	Y	N	N
Unix Executable PreSysV VAX	Y	N	N
Unix Executable VAX	Y	N	N

File Formats	Detection	Content Extraction	Meta Data Extraction
Unix Executable WE32000	Y	N	N
Unix Executable x86	Y	N	N

Font formats

File Format	Detection	Content Extraction	Meta Data Extraction
Adobe Font Metrics ASCII format	Y	N	N
Adobe Multiple master font format	Y	N	N
Adobe Printer Font ASCII format	Y	N	N
Adobe Printer Font Metrics format	Y	N	N
AutoDesk Maya ASCII File Format	Y	N	N
Embedded OpenType font	Y	N	N
Glyph Bitmap Distribution Format	Y	N	N
NeWS Font file (SUN)	Y	N	N
OpenType Font	Y	N	N
PC Screen Font format	Y	N	N
Portable Font Resource font format	Y	N	N
PostScript binary Font Descriptor file	Y	N	N
PostScript Type 1 Font	Y	N	N
Qt Prerendered Font format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Speedo Font format	Y	N	N
SUN vfont	Y	N	N
TrueType Font	Y	N	N
TrueType font collection format	Y	N	N
Web Open Font Format	Y	N	N
X11 Portable Compiled Font file	Y	N	N

Graphics formats - general

File Format	Detection	Content Extraction	Meta Data Extraction
Ability Image	Y	N	N
Ability Office PhotoPaint image	Y	N	N
Animated Portable Network Graphics (Animated-PNG)	Y	N	N
Apple Icon image format	Y	N	N
Apple Photoshop Document	Y	N	N
Applix Bitmap image format	Y	N	N
ART image format	Y	N	N
Better Portable Graphics BPG format	Y	N	N
CALS raster image format	Y	N	N
Canon Digital Camera image	Y	N	N
Canon Raw image	Y	N	N
Casio Digital Camera image	Y	N	N
CITT Group 3	Y	N	N
Convergent Design file	Y	N	N
Corel Draw (version X4 onward)	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Corel Photo Paint (version 7 and higher)	Y	N	N
Curses Screen Image	Y	N	N
DCX Fax System	Y	N	N
Digital Imaging & Communications in Medicine (DICOM)	Y	N	Y
Digital Picture Exchange (DPX) image format	Y	N	N
DrHalo raster image PAL file format	Y	N	N
Encapsulated PostScript	Y	N	N
Enhanced Compressed Wavelet image	Y	N	N
Enhanced Metafile	Y	Y	Y
ERDAS Imagine image format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Facility for Interactive Generation of Figures (FIG) image format	Y	N	N
Flexible Image Transport System FITS image	Y	N	N
FPX	Y	N	N
Free Lossless Image Format (FLIF)	Y	N	N
GD Library image	Y	N	N
GEM Bit Image	Y	N	N
GIF 87, 89 (kpgifrdr reader)	Y	N	N
GIF 87, 89 (gifsr reader)	Y	N	Y
GIMP XCF image	Y	N	N
High Efficiency Image Format HEVC image	Y	N	N
High Efficiency Image Format HEVC image sequence	Y	N	N
High Efficiency Image Format image	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
High Efficiency Image Format image sequence	Y	N	N
IFF Amiga animated raster graphics format	Y	N	N
IFF Animated Bitmap	Y	N	N
IFF Glow Icon image	Y	N	N
IFF Planar BitMap	Y	N	N
IFF TDDD and Image Object animation format	Y	N	N
IFF-DEEP TVPaint image	Y	N	N
IFF-FAXX Facsimile image	Y	N	N
Initial Graphics Exchange Specification format	Y	N	N
Interleaved BitMap image	Y	N	N
ISMACryp 2.0 Encrypted Format	Y	N	N
ISO-BMFF JPEG 2000 compound image (kpjp2000rdr reader)	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
ISO-BMFF JPEG 2000 compound image (jp2000sr reader)	Y	N	Y
ISO-BMFF JPEG 2000 image (kpjp2000rdr reader)	Y	N	N
ISO-BMFF JPEG 2000 image (jp2000sr reader)	Y	N	Y
ISO-BMFF JPEG 2000 with extensions (kpjp2000rdr reader)	Y	N	N
ISO-BMFF JPEG 2000 with extensions (jp2000sr reader)	Y	N	Y

File Format	Detection	Content Extraction	Meta Data Extraction
JBIG (JBIG1) image	Y	N	N
JBIG2 File Format	Y	N	N
JPEG (kpjpgrdr reader)	Y	N	N
JPEG (jpgsr reader)	Y	N	Y
JPEG 2000 (kpjp2000rdr reader)	Y	N	N
JPEG 2000 (jp2000sr reader)	Y	N	Y
JPEG 2000 PGX Verification Model image (kpjp2000rdr reader)	Y	N	N
JPEG 2000 PGX Verification Model image (jp2000sr reader)	Y	N	Y
JPEG File Interchange Format	Y	N	N
JPEG Network Graphics	Y	N	N
JPEG-2000 JP2 File Format Syntax (ISO/IEC 15444-1)	Y	N	N
JPEG XR (extendedrange) image format	Y	N	N
Khoros Visualization Image File Format (VIFF)	Y	N	N
Krita image	Y	N	N
KTX image format	Y	N	N
LizardTech MrSID image format	Y	N	N
Lotus Ami Pro Draw	Y	N	N
Lotus Smart Icon image file	Y	N	N
Lotus Notes BitMap	Y	N	N
Lotus Pic	Y	Y	N
Macintosh Raster	Y	N	N
MacPaint	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Magick Image File Format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Microsoft AtWork Fax format	Y	N	N
Microsoft Device Independent Bitmap (DIB)	Y	N	N
Microsoft Document Imaging	Y	N	N
Microsoft Image Composer format	Y	N	N
Microsoft Photo Editor embedded GIF file	Y	N	N
Microsoft Office Drawing	Y	N	N
Microsoft Windows Animated Cursor	Y	N	N
Microsoft Windows Bitmap (kpbmprdr reader)	Y	N	Y
Microsoft Windows Bitmap (bmpsr reader)	Y	N	N
Microsoft Windows Cursor	Y	N	N
Microsoft Windows Group File	Y	N	N
Microsoft Windows Icon Cursor	Y	N	N
Microsoft Windows Metafile	Y	Vector only	N
Microsoft Windows Palette	Y	N	N
National Imagery Transmission Format NITF image	Y	N	N
NRRD (nearly raw raster data) image format	Y	N	N
ODF Image	Y	N	N
ODF Image Template	Y	N	N
ODF Image flat XML format	Y	N	N
OLE DIB Object	Y	N	N
OpenEXR Image	Y	N	N
Open Office Star View Meta File format	Y	N	N
Open Raster image	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
PCPaint / Pictor Paint image format	Y	N	N
PaintShop Pro image	Y	N	N
PaintShop Pro JBF image cache file	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Panasonic Digital Camera image	Y	N	N
PC Paintbrush	Y	N	N
PCD format	Y	N	N
Photo Draw MIX image	Y	N	N
Portable Bitmap Utilities ASCII	Y	N	N
Portable Bitmap Utilities Binary	Y	N	N
Portable Float Map (PFM) image	Y	N	N
Portable Greymap Utilities ASCII	Y	N	N
Portable Greymap Utilities Binary	Y	N	N
Portable Network Graphics (PNG) (kppngrdr reader)	Y	N	N
Portable Network Graphics (PNG) (pngsr reader)	Y	N	Y
Portable Pixmap Utilities ASCII	Y	N	N
Portable Pixmap Utilities Binary	Y	N	N
Preview EPS format	Y	N	N
Radiance RGBE (HDR) image	Y	N	N
Raster Graphics	Y	N	N
RIFF Device Independent Bitmap	Y	N	N
Scalable Vector Graphics	Y	Y	Y
SGI RGB Image	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Sun Raster Image	Y	N	N
Tagged Image File (tifsr reader)	Y	N	Y
Tagged Image File (kptifrdr reader)	Y	N	N
Truevision Targa	Y	N	N
VICAR image format	Y	N	N
WebP image	Y	N	N
WordPerfect Graphics	Y	N	N
X Bitmap	Y	N	N
X Pixmap	Y	N	N
X Window Dump image	Y	N	N

Graphics formats - vector graphics

File Format	Detection	Content Extraction	Meta Data Extraction
Aldus Freehand Mac	Y	N	N
Amiga Metafile	Y	N	N
Arc GIS Graph format	Y	N	N
ArcMap Map Exchange Document project (MXD)	Y	N	N
AutoDesk 3ds format	Y	N	N
AutoDesk 3ds max format	Y	N	N
AutoDesk WHIP	Y	N	N
AutoShade Rendering	Y	N	N
CADAM Drawing	Y	N	N
CADAM Drawing Overlay	Y	N	N
CGM Binary format	Y	N	N
CGM Character format	Y	N	N
CGM ClearText format	Y	N	N
Corel DRAW version X4 onwards	Y	N	N
Corel Draw CMX format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Desktop Color Separation (DCS)	Y	N	N
Device Independent file (DVI)	Y	N	N
Enhanced Metafile	Y	N	N
ESRI ArcIMS project XML file (ArcXML)	Y	N	N
ESRI GIS World file	Y	N	N
ESRI Projection Metadata (PRJ) file	Y	N	N
Extensible 3d Graphics (X3D) XML format	Y	N	N
Facility for Interactive Generation offigures (FIG) image format	Y	N	N
Freehand 11	Y	N	N
FutureSplash Animation format	Y	N	N
Gerber image format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Graphics Environment Manager (GEM VDI)	Y	N	N
Harvard Graphics Cfg	Y	N	N
Harvard Graphics Chart	Y	N	N
Harvard Graphics Palette	Y	N	N
Harvard Graphics Symbol	Y	N	N
HP GLP	Y	N	N
HP Graphic Language (HP-GL, Plotter)	Y	N	N
Intergraph V7 DGN	Y	N	N
Lasergraphics Language	Y	N	N
Lotus PIC format	Y	N	N
Micrografx Designer	Y	N	N
Microsoft Office Drawing	Y	N	N
Mischief vector graphics image format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
NOFF 3D Object File Format	Y	N	N
NURSTOR Drawing	Y	N	N
ODF Chart	Y	N	N
ODF Chart Template	Y	N	N
ODF Drawing/Graphics Template	Y	N	N
ODF Chart flat XML format	Y	N	N
ODF Formula flat XML format	Y	N	N
Omni Graffle	Y	Y	Y
Open Document format (OpenOffice1/ StarOffice6.7) Drawing XML	Y	N	N
Open Inventor ASCII format	Y	N	N
Open Inventor Binary format	Y	N	N
OpenStreetMap Protocolbuffer Binary Format data file (.osm.pbf)	Y	N	N
OpenStreetMap XML data	Y	N	N
OS/2 PM Metafile Graphics	Y	N	N
PCRaster Map / Cross System Format geographical data	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Pixar RenderMan Interface Bytestream file	Y	N	N
PostScript	Y	N	N
Precision Graphics Markup Language	Y	N	N
Printer Control Language	Y	N	N
QuickDraw 3D Metafile	Y	N	N
Scalable Vector Graphics image	Y	Y	Y

File Format	Detection	Content Extraction	Meta Data Extraction
Simple Vector Format	Y	N	N
SolidWorks	Y	N	N
Star Office 4,5 Chart	Y	N	N
Universal 3D File FormatFile Format	Y	N	N
Visualization Toolkit VTK ASCII format	Y	N	N
Visualization Toolkit VTK Binary format	Y	N	N
Visualization Toolkit VTK XML format	Y	N	N
VRML	Y	N	N
Windows Micrografx Draw	Y	N	N
Xara X Xar image format	Y	N	N

Library formats

File Format	Detection	Content Extraction	Meta Data Extraction
AIX/RISC COFF dynamic library	Y	N	N
Common Object File Format (COFF) dynamic library	Y	N	N
ELF Dynamic Library	Y	N	N
ELF Core file	Y	N	N
FoxPro compiled source format			
GD Library image	Y	N	N
HPUX/PA-RISC COFF dynamic library	Y	N	N
Link Library	Y	N	N
Microsoft Component Object Model (COM) Type library	Y	N	N
Microsoft Visual C++ Export file			
MS-DOS RED installer library format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Star Office (4,5) Library	Y	N	N
Wavefront Material Template Library (MTL)	Y	N	N

Log formats

File Format	Detection	Content Extraction	Meta Data Extraction
Apple iChat Log	Y	Y	N
CAD Binary Logging Format	Y	N	N
Convergent Technologies DEF Comm.	Y	N	N
GNU Message Catalog format	Y	N	N
Microsoft NT Event Log	Y	N	N
Microsoft Windows Vista Event Log	Y	N	N
Skype Log	Y	Y	N
Splunk Enterprise Security Event Log file	Y	N	N
Windows Event Viewer log files (Windows 2000 and XP)	Y	N	N
Windows Event Viewer log files (Windows Vista, 7, and 8)	Y	N	N

Mail formats

File Format	Detection	Content Extraction	Meta Data Extraction
Documentum	Y	N	Y
Domino XML Language	Y	N	Y
Foxmail email format	Y	N	N
Group Wise File Surf Email	Y	N	Y
Legato Extender	Y	N	Y

File Format	Detection	Content Extraction	Meta Data Extraction
Lotus Notes Database	Y	N	Y
Microsoft Entourage Database	Y	N	Y
Microsoft Outlook	Y	Y	Y
Microsoft Outlook 2011 for Mac Files	Y	N	N
Microsoft Outlook 2002 Send- Receive Settings	Y	N	N
Microsoft Outlook address file	Y	N	N
Microsoft Outlook Express	Y	Y	Y
Microsoft Outlook iCalendar Data Files	Y	N	Y
Microsoft Outlook OST	Y	N	Y
Microsoft Outlook Personal Address Book (PAB)	Y	N	N
Microsoft Outlook vCard Contact	Y	Y	Y
Microsoft Outlook Personal Folder	Y	N	Y
Microsoft Windows Cardfile address book format	Y	N	N
Microsoft Windows Live Messenger/Mail log file	Y	N	N
Microsoft TNEF Format	Y	N	N
Text Mail (MIME)	Y	Y	Y
Transport Neutral Encapsulation Format	Y	N	Y

Multimedia formats

File Format	Detection	Content Extraction	Meta Data Extraction
3GPP video file	Y	N	Y
3GPP2 video file	Y	N	Y
4X Movie File	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
AC3 Audio File FFile Formatormat	Y	N	N
Acorn RISC ARMovie video format	Y	N	N
Adaptive Multi-Rate audio format	Y	N	N
Adobe Flash Flex project file format	Y	N	N
Adobe Flash Player audio	Y	N	Y
Adobe Flash Player audio book	Y	N	Y
Adobe Flash Player protected video	Y	N	Y
Adobe Flash Player video	Y	N	Y
Advanced Streaming	Y	N	N
Amiga IFF 8SVX	Y	N	N
Amiga MOD sound	Y	N	N
AMV video file	Y	N	N
Apple ISO-BMFF QuickTime video	Y	N	N
Apple Core Audio Format	Y	N	N
Apple iTunes music library	Y	N	N
Apple MPEG-4 Part 14 audio	Y	N	Y
Apple MPEG-4 Part 14 audio book	Y	N	Y
Apple MPEG-4 Part 14 protected audio	Y	N	Y
Apple MPEG-4 Part 14 video	Y	N	Y
Audible Audio book (AA) file	Y	N	N
Audible Enhanced Audiobook	Y	N	Y
AutoDesk Animator FLIC	Y	N	N
AutoDesk Animator Pro FLIC	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
KDDI video file	Y	N	N
Advanced Systems Format	Y	N	Y
ADX audio file	Y	N	N
Audio Interchange File Format (MCI reader)	Y	N	N
Audio Interchange File Format (aiffsr reader)	Y	N	Y
BBC Dirac video format	Y	N	N
Bink audio-video container format	Y	N	N
CDXA/MPEG-PS files	Y	N	N
Chinese AVS video format	Y	N	N
Cinema 4D model	Y	N	N
Confifer Software WAVPack	Y	N	N
Creative Voice (VOC) sound	Y	N	N
Digital Interface Format (DIF) DV video	Y	N	N
Digital Video Broadcast format	Y	N	N
DLS Downloadable Sounds format	Y	N	N
DMB MAF audio	Y	N	N
DMB MAF video	Y	N	N
DTS Coherent Acoustics audio format	Y	N	N
Enhanced Compressed Wavelet image	Y	N	N
Enhanced-AC3 (EAC3) Audio File Format	Y	N	N
Ensoniq Waveset audio data file	Y	N	N
ERDAS Imagine image format	Y	N	N
Finale audio format	Y	N	N
Flash video file	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Free Lossless Audio Codec format	Y	N	N
General Ogg Container format	Y	N	N
IFF-MAUD MacroSystem audio format	Y	N	N
Interplay MVE video format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
IRIX Silicon Graphics Moviemaker Video File	Y	N	N
ISO-BMFF MPEG-4 with AVC extension	Y	N	Y
Lotus Screen Cam	Y	N	N
Macromedia Director	Y	N	N
Macromedia Flash FLA Project File OLE format	Y	N	N
Material Exchange Format audio-video container format	Y	N	N
Matroska video file	Y	N	N
Microsoft Agent Character file	Y	N	N
Microsoft Wave Sound	Y	N	N
MIDI	Y	N	N
Mobile QuickTime video	Y	N	Y
Monkey's Audio format	Y	N	N
Motion JPEG 2000 (kpjp2000rdr reader)	Y	N	N
Motion JPEG 2000 (jp2000sr reader)	Y	N	Y
MPEG audio playlist format			
MPEG-1 Audio layer 3 (MCI reader)	Y	N	N
MPEG-1 Audio layer 3 (mp3sr reader)	Y	N	Y
MPEG-1 Video	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
MPEG-2 Audio	Y	N	N
MPEG-21	Y	N	Y
MPEG-4 Audio	Y	N	Y
MPEG audio playlist format	Y	N	N
MPEG JVT-NAL sequence H264 video	Y	N	N
Multiple-image Network Graphics	Y	N	N
Musepack audio format	Y	N	N
Nero AAC audio	Y	N	Y
Nero Audio-Cd compilation file	Y	N	N
Nero MPEG-4 profile	Y	N	Y

File Format	Detection	Content Extraction	Meta Data Extraction
Nero MPEG-4 profile with AVC extension	Y	N	Y
NeXT/Sun Audio	Y	N	N
Nintendo DS DPG video format	Y	N	N
NIST SPeech HEader Resources format	Y	N	N
Notation Interchange File Format	Y	N	N
NTT MPEG-4	Y	N	Y
NTT TwinVQ audio format	Y	N	N
Ogg	Y	N	N
Ogg BBC Dirac video format	Y	N	N
Ogg Daala video format	Y	N	N
Ogg Container FLAC audio format	Y	N	N
Ogg OGM video format	Y	N	N
Ogg Opus audio format	Y	N	N
Ogg Speex audio format	Y	N	N
Ogg Theora Video format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Origin Wing Commander III MVE movie format	Y	N	N
Qualcomm QCP audio	Y	N	N
QuickTime Movie	Y	N	N
Real Audio	Y	N	N
RealMedia Streaming Media	Y	N	N
RIFF MIDI	Y	N	N
RIFF Multimedia Movie	Y	N	N
Ross video	Y	N	N
SDA SD Memory Card video	Y	N	N
Sega FILM video format	Y	N	N
SID Audio format	Y	N	N
Sony PSP MPEG-4	Y	N	Y
Sony XAVC video	Y	N	Y
Sony Wave64	Y	N	N
SoundFont file	Y	N	N
Steinberg CuBase file	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Synthetic music Mobile Application Format	Y	N	N
True Audio format	Y	N	N
Virtual Studio Technology (VST) preset format	Y	N	N
Vivo audio-video format	Y	N	N
WavPack	Y	N	N
Webex advanced net work ARF recordings	Y	N	N
Webex local WRF recordings	Y	N	N
WebM video file	Y	N	N
Westwood Studios Vector Quantized Animation video file	Y	N	N
Wildfire YAFA animation	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Windows Audio playlist format	Y	N	N
Windows Television DVR format	Y	N	N
Windows Video	Y	N	N

Object formats

File Format	Detection	Content Extraction	Meta Data Extraction
AIX/RISC COFF relocatable object	Y	N	N
Common Object File Format (COFF) relocatable object	Y	N	N
DirectX High-Level Shader Language (HLSL) compiled shader object	Y	N	N
ELF Relocatable	Y	N	N
HPUX/PA-RISC COFF relocatable object	Y	N	N
Metadata Object Description Schema (MODS) XML format	Y	N	N
PC Object Module	Y	N	N
Unix Object MS8086	Y	N	N
Unix Object VAX Demand	Y	N	N
Unix Object Z8000	Y	N	N

Presentation formats

File Format	Detection	Content Extraction	Meta Data Extraction
Appleworks file	Y	N	N
Apple iWork Keynote (2, 3, '08, '09)	Y	Y	Y

File Format	Detection	Content Extraction	Meta Data Extraction
Apple iWork Keynote ('13, '16, iCloud 2018)	Y	Y	N
Applix Graphics	Y	Y	N
Corel Presentations	Y	Y	N
Extensible Forms Description Language	Y	Y	Y
Harvard Graphics	Y	N	N
Lotus Freelance Graphics	Y	Y	N
Lotus Freelance Graphics 2	Y	Y	N
Macromedia Flash	Y	Y	N
Microsoft OneNote	Y	Y	N
Microsoft PowerPoint 95, 97, 2000, 2002, 2003	Y	Y	P
Microsoft PowerPoint Macintosh 98	Y	Y	N
Microsoft PowerPoint Macintosh 2001, vX, 2004	Y	Y	P
Microsoft PowerPoint Windows	Y	Y	P
Microsoft RMS-Protected PowerPoint Presentations (Legacy)	Y	N	N
Microsoft PowerPoint Files (OOXML)	Y	N	N
Microsoft PowerPoint Macro- enabled Files (OOXML)	Y	N	N
Oasis Open Document Format	Y	Y	Y
ODF Presentation	Y	N	N
ODF Presentation Template	Y	N	N
ODF Presentation flat XML format	Y	N	N
OpenOffice Impress, LibreOffice Impress	Y	Y	Y

File Format	Detection	Content Extraction	Meta Data Extraction
Persuasion	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
RFFlow flowchart document	Y	N	N
Star Office Impress Presentation (3, 4, 5)	Y	Y	N
Star Office Impress Presentation (6, 7, 8, 9)	Y	Y	Y
StarOffice Presentation XML	Y	N	N
Xmind document	Y	N	N

Project management formats

File Format	Detection	Content Extraction	Meta Data Extraction
Lotus Organizer documents	Y	N	N
Lotus Organizer report document	Y	N	N
Lotus Organizer print/ paper layout file	Y	N	N
Microsoft Project 2000, 2002, 2003, 2007, 2010, 2013	Y	Y	Y
Microsoft Project 4	Y	N	N
Microsoft Project 41	Y	N	N
Microsoft Project 98	Y	N	N
Microsoft Project Calc	Y	N	N
Microsoft Project Exchange format	Y	N	N
Microsoft Project Resource	Y	N	N

Spreadsheet formats

File Format	Detection	Content Extraction	Meta Data Extraction
Ability SS	Y	N	N
Apple iWork Numbers ('13, '16, iCloud 2018)	Y	Y	N
Applix Spreadsheets	Y	Y	N
Corel Quarttro Pro	Y	Y	P
CSV Format	Y	Y	N
Data Interchange Format/ DIF Spreadsheet	Y	Y	N
Enable Spreadsheet (SSF)	Y	N	N
Informix SmartWare II Spreadsheet	Y	N	N
Lotus 1-2-3 ('96, '97, R9, 9.8)	Y	Y	P
Lotus 1-2-3 (2, 3, 4, 5)	Y	Y	N
Lotus 1-2-3 Charts	Y	N	N
Microsoft Excel Binary Files	Y	Y	N
Microsoft Excel Charts	Y	N	N
Microsoft Excel Macintosh	Y	Y	Y
Microsoft Excel Windows (2.2 thru 2003)	Y	Y	Y
Microsoft Money format	Y	N	N
Microsoft Office Excel Windows XML (OOXML)	Y	Y	Y
Microsoft Office Excel Macro-enabled Files	Y	N	N
Microsoft Works Spreadsheet (DOS)	Y	Y	N
Microsoft Works Spreadsheet (Mac)	Y	Y	N
Microsoft Works Spreadsheet (Windows)	Y	Y	N
Multiplan Spreadsheet Mac	Y	N	N
Multiplan Spreadsheet PC	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Numbers	Y	N	N
Numbers (Legacy)	Y	N	N
OASIS Open Document Format	Y	Y	Y
ODF Spreadsheet	Y	N	N
ODF Spreadsheet Template	Y	N	N
ODF Spreadsheet flat XML format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
OpenOffice/LibreOffice Calc	Y	Y	Y
PeachCalc	Y	N	N
Quattro Pro (DOS)	Y	N	N
Quattro Pro for Windows	Y	N	N
RMS-Protected Microsoft Excel Spreadsheets (Legacy)	Y	N	N
StarOffice Calc (3, 4, 5)	Y	Y	N
StarOffice Calc (6, 7, 8, 9)		Y	Y
StarOffice Spreadsheet XML	Y	N	N
Supercalc	Y	N	N
SYLK Spreadsheet	Y	N	N
Symphony Spreadsheet	Y	N	N
Ultracalc	Y	N	N
Uniplex Ucalc	Y	N	N

Text and markup formats

File Format	Detection	Content Extraction	Meta Data Extraction
ANSII	Y	Y	N
ASCII Text	Y	Y	N
Adobe FrameMaker Markup Language	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Documentum EMCMF Format	Y	N	N
Chemical Markup Language (CML) XML format	Y	N	N
HTML	Y	Y	P
HTML Fragment	Y	N	N
Microsoft Compiled HTML Help	Y	N	N
Microsoft Office Excel 2003 XML Files (Legacy)	Y	Y	Y
Microsoft Database Markup Language XML document	Y	N	N
Microsoft Office Word 2003 XML Files (Legacy)	Y	Y	Y
Microsoft Visio Drawing XML Files (Legacy)	Y	Y	Y
MIME HTML	Y	Y	Y
Rich Text Format	Y	Y	P
MXML UI markup language XML format	Y	N	N
Precision Graphics Markup Language	Y	N	N
Tableau Data Source Format	Y	Y	Y
Synchronization Markup Language (SyncML) XML format	Y	N	N
Speech Synthesis Markup Language (SSML) XML format	Y	N	N
Tableau Map Source Format	Y	Y	Y
Tableau Preference Format	Y	Y	Y
Tableau Workbook Format	Y	Y	Y
Unicode HTML	Y	Y	Y
Unicode Text	Y	Y	N

File Format	Detection	Content Extraction	Meta Data Extraction
XHTML	Y	Y	Y
XML (generic)	Y	Y	Y

Word processing formats

File Format	Detection	Content Extraction	Meta Data Extraction
Ability WP	Y	N	N
Ability Write (later versions)	Y	N	N
ACT	Y	N	N
Adobe InDesign document	Y	N	N
Adobe InDesign IDML format	Y	N	N
Adobe FrameMaker	Y	N	N
Adobe FrameMaker Interchange	Y	Y	N
Adobe PDF	Y	Y	Y
Adobe XML Data Package format	Y	N	N
AES Multiplus Comm	Y	N	N
Android Binary XML (compressed byaapt) format	Y	N	N
Apple iBooks format	Y	N	N
Apple iChat Log	Y	Y	N
Apple iWork Pages ('08, '09)	Y	Y	Y
Apple iWork Pages ('13, '16, iCloud 2018)	Y	Y	N
Applix Alis	Y	N	N
Applix Asterix	Y	N	N
Applix Words	Y	Y	N
AT&T DjVu format	Y	N	N
Atom Syndication Format	Y	N	N
Broad Band eBook (BBeB) in LRF format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Calamus Desktop Publishing	Y	N	N
Chemical Markup Language (CML) XML format	Y	N	N
COMET TOP Word	Y	N	N
Convergent Technologies DEF Comm.	Y	N	N
Corel WordPerfect Macintosh	Y	Y	N
Corel WordPerfect Windows	Y	Y	P

File Format	Detection	Content Extraction	Meta Data Extraction
Word Perfect (version5)	Y	N	N
WordPerfect (version 6 and higher)	Y	N	N
WordPerfect Graphics (version 1)	Y	N	N
CPT Communication	Y	N	N
Data Point Vistaword	Y	N	N
DCS	Y	N	N
DEC WPS PLUS	Y	N	N
DECdx	Y	N	N
DG CEOwrite	Y	N	N
DG Common Data Stream	Y	N	N
Digital Document Interchange Format (DDIF)	Y	N	N
Digitally Signed PDF file (Native)	Y	N	N
DisplayWrite	Y	Y	N
DNAML DNL eBook	Y	N	N
DSA101	Y	N	N
e-Szigno signed xml document	Y	N	N
EBCDIC-encoded XML file	Y	N	N
EBCDIC Text	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
eFax	Y	N	N
Electronic Publication	Y	N	N
Enable	Y	N	N
Encrypted Microsoft OneNote Files	Y	N	N
Envoy	Y	N	N
Extensible Data Format (XDF) XML format	Y	N	N
Extensible Style sheet Language Transformations (XSLT) format	Y	N	N
Folio Flat File	Y	Y	Y
Founder Chinese E-paper Basic	Y	Y	N
Foxmail email format	Y	N	N
Fujitsu Oasys	Y	Y	P
Haansoft Hangul	Y	Y	Y

File Format	Detection	Content Extraction	Meta Data Extraction
Hangul HWPX document	Y	N	N
Health level7	Y	Y	Y
HP Word PC	Y	N	N
IBM 1403 Line Printer	Y	N	N
IBM DCA/RFT	Y	Y	N
IBM DCA-FFT	Y	N	N
IBM DCF Script	Y	N	N
Ichitaro Compressed	Y	N	N
Informix SmartWare II	Y	N	N
Interleaf	Y	N	N
Java Network Launching Protocol	Y	N	N
JustSystems Ichitaro	Y	Y	P
Lotus AMI Pro	Y	Y	P
Lotus AMI Pro Style Sheet	Y	Y	P
Lotus Notes CDF	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Lotus Word Pro (96, 97, R9)	Y	Y	P
Lotus SmartMaster	Y	Y	N
Lotus Organizer documents	Y	N	N
Lyrix	Y	N	N
Machine-Readable Cataloging (MARC) XML format	Y	N	N
Macromedia Flash FLA Project File OLE format	Y	N	N
MacWrite	Y	N	N
MacWrite II	Y	N	N
MASS-11	Y	N	N
Metadata Encoding and Transmission Standard (METS) XML format	Y	N	N
Metadata Object Description Schema (MODS) XML format	Y	N	N
Metalink XML format	Y	N	N
Microsoft Database Markup Language XML document	Y	N	N
Microsoft Excel HTML format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Microsoft Front Page macro file format	Y	N	N
Microsoft Help file	Y	N	N
Microsoft Office Groove	Y	N	N
Microsoft Office Word Files	Y	Y	N
Microsoft Office Word Macro- enabled Files (OOXML)	Y	Y	Y
Microsoft OneNote	Y	N	N
Microsoft Outlook vCard Contact Files	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Microsoft Pocket Word	Y	N	N
Microsoft Publisher	Y	Y	Y
Microsoft Windows Cardfile address book format	Y	N	N
Microsoft Windows Sticky Notes format	Y	N	N
Microsoft Windows Write	Y	Y	N
Microsoft Word (UNIX)	Y	N	N
Microsoft Word 2007 Flat XML	Y	Y	Y
Microsoft Word for Macintosh	Y	Y	Y
Microsoft Word HTML format	Y	N	N
Microsoft Word Windows (1.0, 2.0)	Y	Y	N
Microsoft Word Windows (all other versions)	Y	Y	Y
Microsoft Word PC (incl. Glossary, Stylesheet)	Y	Y	N
Microsoft Works	Y	Y	N
Microsoft Works (Macintosh)	Y	N	N
Microsoft Works Communication (Mac)	Y	N	N
Milestone Document	Y	N	N
MORE Database Outliner (Mac)	Y	N	N
Mozilla XML User Interface Language (XUL) XML format	Y	N	N
MultiMate	Y	N	N
Multimate Advantage	Y	N	N
MultiMate Advantage Footnote	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
MultiMate Advantage II	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
MultiMate Advantage II Footnote	Y	N	N
Multimate Footnote	Y	N	N
MXML UI markup language XML format	Y	N	N
Navy DIF	Y	N	N
NBI Async Archive	Y	N	N
NBI Net Archive	Y	N	N
NIEM-Conformant XML	Y	N	N
NIOS TOP	Y	N	N
Oasis Open Document Format	Y	Y	Y
OASIS XML Common Biometric Format (XCBF)	Y	N	N
ODA/ODIF (FOD 26)	Y	N	N
ODA/ODIF (FOD 36)	Y	N	N
ODA/ODIF QI11	Y	N	N
ODA/ODIF QI12	Y	N	N
ODF Drawing/Graphics flat XML format	Y	N	N
ODF Text	Y	N	N
ODF Text Flat XML format	Y	N	N
ODF Text Master	Y	N	N
ODF Text Template	Y	N	N
ODF Text Web	Y	N	N
OLIDIF (Olivetti)	Y	N	N
Omni Outliner	Y	Y	N
OneNote Alternative Packaging Format	Y	N	N
Open Document format (OpenOffice1/StarOffice6.7) Writer Master document XML	Y	N	N
Open eBook (OEBPS) XML format	Y	N	N
OpenOffice Writer/LibreOffice Writer	Y	Y	Y

File Format	Detection	Content Extraction	Meta Data Extraction
Open Publication Structure eBook	Y	Y	Y

File Format	Detection	Content Extraction	Meta Data Extraction
Pages	Y	N	N
Pages (Legacy)	Y	N	N
PDF Forms Data Format	Y	N	N
PDF XML Forms Data Format	Y	N	N
Philips Script	Y	N	N
PKCS #7 cryptographic format	Y	N	N
Portfolio PDF File			
PRIMEWORD	Y	N	N
Pronunciation Lexicon Specification (PLS) XML format	Y	N	N
Q and A for DOS	Y	N	N
Q and A for Windows	Y	N	N
Quadratron Q-One V1.93J	Y	N	N
Quadratron Q-One V2.0	Y	N	N
RDF/XML format	Y	N	N
Really Simple Discovery (RSD) XML format	Y	N	N
Rights Management Services (RMS)-protected format	Y	N	N
RMS-Protected Microsoft Word Documents (Legacy)	Y	N	N
RSS syndication XML format	Y	N	N
SAMNA Word IV	Y	N	N
Scribe markup language and word processing system	Y	N	N
Search/Retrieve via URL (SRU) XML format	Y	N	N
SGML	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Skype Log	Y	Y	N
SPARQL Query Results XML format	Y	N	N
Speech Recognition Grammar Specification (SRGS) XML format	Y	N	N
Speech Synthesis Markup Language (SSML) XML format	Y	N	N
StarOffice Writer (3, 4, 5)	Y	Y	N
StarOffice Writer (6, 7, 8, 9)	Y	Y	Y

File Format	Detection	Content Extraction	Meta Data Extraction
Synchronization Markup Language (SyncML) XML format	Y	N	N
Synchronized Multimedia Integration Language (SMIL) XML format	Y	N	N
Systems Biology Markup Language (SBML) XML format	Y	N	N
Tab-separated values (TSV) file	Y	N	N
Targon Word	Y	N	N
TCR (Text Compression for Reader) eBook format	Y	N	N
Texas Instruments CCXML target configuration XML format	Y	N	N
Text Encoding Initiative (TEI) XML format	Y	N	N
Uniplex	Y	N	N
USENET	Y	N	N
Verity XML	Y	N	N
VoiceXML (VXML) XML format	Y	N	N
Volkswriter	Y	N	N
WANG PC	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
WANG WITA	Y	N	N
WANG WPS	Y	N	N
Word Connection	Y	N	N
WordERA	Y	N	N
WordMARC	Y	N	N
WordPad (thru 2003)	Y	Y	P
WordPerfect	Y	N	N
WordPerfect Configuration File	Y	N	N
WordPerfect Driver	Y	N	N
WordPerfect Graphics (version 1)	Y	N	N
WordPerfect Hyphenation Dictionary	Y	N	N
WordPerfect Macro	Y	N	N
WordPerfect Miscellaneous File	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
WordPerfect Resource File	Y	N	N
WordPerfect Spelling Dictionary	Y	N	N
WordPerfect Thesaurus	Y	N	N
WordPerfect VAX	Y	N	N
WordStar	Y	N	N
WordStar 2000	Y	N	N
WordStar for Windows file	Y	N	N
WriteNow	Y	N	N
Writing Assistant	Y	N	N
XAML Browser Application (XBAP) format	Y	N	N
Xerox 860	Y	N	N
Xerox DocuWorks	Y	N	N
Xerox Writer	Y	N	N
XML	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
XML Paper Specification	Y	Y	N
XML Shareable Playlist Format (XSPF)	Y	N	N
XyWrite/Nota Bene	Y	Y	N
Yahoo Instant Messenger	Y	Y	N
YIN XML format	Y	N	N

Miscellaneous formats

File Format	Detection	Content Extraction	Meta Data Extraction
3D Manufacturing Format document	Y	N	N
3D Sprint (3D Systems) SLA Build file	Y	N	N
AD1 Evidence File	Y	N	N
Additive manufacturing file format (AMF) document	Y	N	N
Adobe AIR application installer package	Y	N	N
Adobe Premiere project format	Y	N	N
Adobe XML Data Package format	Y	N	N
Adobe PostScript Printer Description file (PPD)	Y	N	N
Android Binary XML (compressed byaapt) format	Y	N	N
Android PackageKit (APK) format	Y	N	N
Apache Avro binary format	Y	N	N
Apple Icon image format	Y	N	N
Apple Binary Property List	Y	N	N
Apple Desktop Services Store file (DSStore)	Y	N	N
Apple XML Property List	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Apple/NeXT typedstream data format	Y	N	N
AppleScript Binary Source Code	Y	N	N
Applix Builder format	Y	N	N
Arc GIS Graph format	Y	N	N
ArcMap Map Exchange Document project (MXD)	Y	N	N
Associated Signature Container Extended format	Y	N	N
Associated Signature Container Simple format	Y	N	N
Atom Syndication Format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
3D Manufacturing Format document	Y	N	N
3D Sprint (3D Systems) SLA Build file	Y	N	N
AD1 Evidence File	Y	N	N
Additive manufacturing file format (AMF) document	Y	N	N
Adobe AIR application installer package	Y	N	N
Adobe Premiere project format	Y	N	N
Adobe XML Data Package format	Y	N	N
Adobe PostScript Printer Description file (PPD)	Y	N	N
Android Binary XML (compressed byaapt) format	Y	N	N
Android PackageKit (APK) format	Y	N	N
Apache Avro binary format	Y	N	N
Apple Icon image format	Y	N	N
Apple Binary Property List	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Apple Desktop Services Store file (DSStore)	Y	N	N
Apple XML Property List	Y	N	N
Apple/NeXT typedstream data format	Y	N	N
AppleScript Binary Source Code	Y	N	N
Applix Builder format	Y	N	N
Arc GIS Graph format	Y	N	N
ArcMap Map Exchange Document project (MXD)	Y	N	N
Associated Signature Container Extended format	Y	N	N
Associated Signature Container Simple format	Y	N	N
Atom Syndication Format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Auto CAD VBA project format	Y	N	N
AutoForm Design file	Y	N	N
Away3D scene file	Y	N	N
Base64	Y	N	N
bin Unknown	Y	N	N
BitTorrent file format	Y	N	N
BizInt Smart Charts data format	Y	N	N
BlackBerry Activation File	Y	N	N
Borland Turbo C project file	Y	N	N
CAD Binary Logging Format	Y	N	N
CAD Measurement Data Format	Y	N	N
Creative Signal Processor codec	Y	N	N
CodeWarrior C/C++ project	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Debian binary package format	Y	N	N
Delphi Diagram Portfolio file	Y	N	N
Digital Media Project Content Format	Y	N	N
Doom IWAD/PWAD format	Y	N	N
ELF Core file	Y	N	N
Framework	Y	N	N
Framework II	Y	N	N
FTP Session Data	Y	N	N
GDSII data format	Y	N	N
General Regularly-distributed Information in Binary form GRIB format	Y	N	N
GNU Message Catalog format	Y	N	N
Google SketchUp Format	Y	N	N
GPG trust database format	Y	N	N
Hierarchical Data Format HDF4	Y	N	N
Hierarchical Data Format HDF5	Y	N	N
Honey Bull DSA101	Y	N	N
HP PCL and PJL Languages	Y	N	N
IFilter	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Informix SmartWare II Communication File	Y	N	N
InstallShield Uninstall format	Y	N	N
Internal use	Y	N	N
International Color Consortium files	Y	N	N
IP Flow Information Export (IPFIX) format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
ISO 10303-21 STEP format	Y	N	N
ISO-BMFF Dirac Wavelet compression	Y	N	N
Java Class Files	Y	N	N
Java JCE Key Store format	Y	N	N
Java Key Store format	Y	N	N
Keepass Password file	Y	N	N
Keyhole Markup Language	Y	N	N
LightWave Object format	Y	N	N
Linux Device Tree Blob format	Y	N	N
Lotus Approach format	Y	N	N
Lotus Organizer print/ paper layout file	Y	N	N
Lotus Organizer report document	Y	N	N
MAF Photo Player	Y	N	N
MATLAB Figures and Binary Files	Y	N	N
Microsoft Active Mime (mso) documents	Y	N	N
Microsoft Answer Wizard file	Y	N	N
Microsoft Common Object File Format (COFF)	Y	N	N
Microsoft Compiled HTML Help	Y	N	N
Microsoft DirectDraw Surface container format	Y	N	N
Microsoft Data Transformation Services (DTS) package file	Y	N	N
Microsoft Graph Edit File format	Y	N	N
Microsoft Help 2.0 format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Microsoft MS-DOS installation compression	Y	N	N
Microsoft NT Event Log	Y	N	N
Microsoft Object File Library	Y	N	N
Microsoft Office temporary owner file	Y	N	N
Microsoft Office theme format	Y	N	N
Microsoft OLE 2 Encapsulation	Y	N	N
Microsoft Outlook address file	Y	N	N
Microsoft Outlook Express DBX folder database format	Y	N	N
Microsoft Outlook 2002 Send- Receive Settings	Y	N	N
Microsoft Outlook Personal Address Book (PAB)	Y	N	N
Microsoft Outlook Restricted Permission Message	Y	N	N
Microsoft Publisher color scheme	Y	N	N
Microsoft System Deployment Image SDI format	Y	N	N
Microsoft Systems Center Operation Manager (SCOM) management pack MPX format	Y	N	N
Microsoft Virtual Hard Disk format	Y	N	N
Microsoft Visual InterDev web project items file	Y	N	N
Microsoft Visual Studio solution user options (suo) file	Y	N	N
Microsoft Visual Studio incremental linker file	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Microsoft Visual C/C++ binary precompiled header	Y	N	N
Microsoft Windows binary resource file	Y	N	N
Windows heap or mini core dump file	Y	N	N
Microsoft Windows Help	Y	N	N
Microsoft Windows Live Messenger/Mail log file	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
Microsoft Windows Registry format	Y	N	N
Microsoft Windows Vista Event Log	Y	N	N
Miscellaneous Microsoft Office Files (OOXML)	Y	N	N
Mozilla XUL Fastload format	Y	N	N
MPEG Sequence format	Y	N	N
MPEG Transport Stream data	Y	N	N
MPEG-21	Y	N	N
National Instruments LabVIEW File Format	Y	N	N
Nero Audio-Cd compilation file	Y	N	N
Nero ISO compilation file	Y	N	N
Netscape Address Book format	Y	N	N
Netscape Bookmark File	Y	N	N
Netware Loadable Module format	Y	N	N
ODF Chart	Y	N	N
ODF Chart flat XML format	Y	N	N
ODF Chart Template	Y	N	N
ODF Database	Y	N	N

ODF Drawing/Graphics flat XML format	Y	N	N
ODF Drawing/Graphics Template	Y	N	N
ODF Extension format	Y	N	N
ODF Formula flat XML format	Y	N	N
ODF Formula Template	Y	N	N
ODF Image	Y	N	N
ODF Image flat XML format	Y	N	N
ODF Image Template	Y	N	N
ODF Presentation flat XML format	Y	N	N
ODF Presentation Template	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
ODF Spread sheet flat XML format	Y	N	N
ODF Spreadsheet Template	Y	N	N
ODF Text flat XML format	Y	N	N
ODF Text Master	Y	N	N
ODF Text Template	Y	N	N
ODF Text Web	Y	N	N
OLE	Y	N	N
OMA DRM Format	Y	N	N
Open Artwork System Interchange Standard (OASIS) format	Y	N	N
PaintShop Pro JBF image cache file	Y	N	N
PaperPort MAX File Format	Y	N	N
PEM-encoded RSA private key	Y	N	N
PEM-encoded SSL certificate	Y	N	N
PKCS #12 (p12) format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
PowerISO Direct Access Archive format	Y	N	N
Qt binary translation file format	Y	N	N
Quicken data file	Y	N	N
Rational Purify data file	Y	N	N
RealLegal E-Transcript File	Y	N	N
RPM Package Manager file	Y	N	N
Samsung Electronics Jungum Global Document	Y	N	N
Samsung stereoscopic stream	Y	N	N
Serialized Object Encapsulation Format	Y	N	N
Scribe markup language and word processing system	Y	N	N
Sereal data serialization format	Y	N	N
Shapefile binary spatial index format	Y	N	N
Shapefile SHP/SHX	Y	N	N
Shell Scrap Object File	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
SMTP document	Y	N	N
Splunk Enterprise Security Event Log file	Y	N	N
Star Office Math	Y	N	N
Star Office (4,5) Chart	Y	N	N
Subversion Dump Format	Y	N	N
TCPdump packet stream capture savefile format	Y	N	N
Unknown format	Y	N	N
Vector Open Diagnostic Data Exchange Format	Y	N	N

File Format	Detection	Content Extraction	Meta Data Extraction
VICE (Versatile Commodore Emulator) format	Y	N	N
VMware Virtual Disk Format 5.0	Y	N	N
Windows C++ Obj Storage	Y	N	N
Windows Event Viewer log files (Windows 2000 and XP)	Y	N	N
Windows Event Viewer log files (Windows Vista, 7, and 8)	Y	N	N
Windows Group	Y	N	N
Windows Journal Format	Y	N	N
Windows shortcut file	Y	N	N
Wireless Markup Language	Y	N	N
Wolfram Mathematica Computable Document Format	Y	N	N
Wolfram Mathematica Notebook Format	Y	N	N
WordPerfect General File	Y	N	N
XPConnect Typelib Format	Y	N	N
Yahoo! Messenger	Y	N	N
Zipped Keyhole Markup Language	Y	N	N

Chapter 3
File Size Limits

Contents

Forcepoint DLP has the following file size limitations for network, endpoint, and discovery functions. See the *Key* (mentioned below) after the tables for a description of each column.

In the table below, for "unlimited" items marked with an asterisk, files beyond 100 MB are searched only for file name, file size, and binary fingerprint. The binary fingerprinting is based on 5 MB of data from the beginning of the file and 5 MB from the end. It requires a 100 percent match of file content to trigger an incident. No content is extracted from the file.

> **Related concepts**

Network

Channel	Analysis Timeout (sec)	Max File Size (MB)	Max Extracted Sub-Files (MB)	Max Extracted Sub-Files (count)	Extracted Text Size Per File (MB)	Max Forensics (MB)
SMTP inline (protector, Forcepoint Email Security)	35	100	50	100	1	Unlimited
SMTP monitoring (protector, Forcepoint Email Security)	300	100	50	100	1	Unlimited
HTTP, HTTPS, FTP "inline" (ICAP, Content Gateway)	10 (< 5MB) 20 (5MB or greater)	50	50	100	1	20

Channel	Analysis Timeout (sec)	Max File Size (MB)	Max Extracted Sub-Files (MB)	Max Extracted Sub-Files (count)	Extracted Text Size Per File (MB)	Max Forensics (MB)
HTTP (protector monitoring mode)	300	100	50	100	1	20
FTP monitoring (protector monitoring mode)	300	100	50	100	1	Unlimited

Channel	Analysis Timeout (sec)	Max File Size (MB)	Max Extracted Sub-Files (MB)	Max Extracted Sub-Files (count)	Extracted Text Size Per File (MB)	Max Forensics (MB)
Web Security Cloud	10	10	50	100	1	10
Cloud applications (Cloud Data Discovery)	300	30	50	100	1	20
Cloud Applications (DLP Cloud API)	300	30	50	100	1	20
Cloud applications (DLP Cloud Proxy)	10	10	50	100	1	10
Email Security Cloud	35	30	50	100	1	30

Endpoint

Analysis Timeout (sec)	Confirm Dialog Timeout (sec)	Max File Size (MB)	Max Extracted Sub-Files (MB)	Max Extracted Sub-Files (count)	Extracted Text Size Per File (MB)	Max Forensics (MB)
File Access						
25	up to 60	Unlimited*	50	100	1	20
Cut, Copy, Paste						
5	up to 60	Unlimited*	N/A	N/A	1	20

Analysis Timeout (sec)	Confirm Dialog Timeout (sec)	Max File Size (MB)	Max Extracted Sub-Files (MB)	Max Extracted Sub-Files (count)	Extracted Text Size Per File (MB)	Max Forensics (MB)
Screen Capture						
N/A	up to 60	N/A	N/A	N/A	N/A	20
Print						
25	up to 60	300*	N/A	N/A	1	20
HTTP/HTTPS						
10	up to 60	Unlimited*	50	100	1	20
Email						
15	up to 60	Unlimited*	50	100	1	20
Copy over LAN						
25	up to 60	Up to 100	50	100	1	20
Copy from Local Disk to Removable Media or WPD Devices (Windows 7 and Windows 10 Creators Edition)						
25	up to 60	Unlimited*	50	100	1	20
Copy from Network Share to Removable Media or WPD Devices (Windows 7 and Windows 10 Creators Edition)						
25	up to 60	10	50	100	1	20

Discovery

Channel	Analysis Timeout (sec)	Max File Size (MB)	Max Extracted Sub-Files (MB)	Max Extracted Sub-Files (count)	Extracted Text Size Per File (MB)
Network Discovery	Unlimited*	Unlimited*	50	100	1
Endpoint Discovery	Unlimited*	Unlimited*	50	100	1

In the table above, for "unlimited" items marked with an asterisk, files beyond 100 MB are searched only for file name, file size, and binary fingerprint. The binary fingerprinting is based on 5 MB of data from the beginning of the file and 5 MB from the end. It requires a 100 percent match of file content to trigger an incident. No content is extracted from the file.

Key

- **Analysis Timeout (sec):** Maximum analysis timeout (seconds). When the different agents submit a transaction to be analyzed by the policy engine, they specify how much time the policy engine has to analyze. At the end of this time, the policy engine returns the best answer it has. The final action is based on partial analysis.

- **Extracted Text Size (MB):** Assuming the transaction contains archives, the amount of text that is extracted from each file/sub-file for analysis.

- **Max Forensics Size (MB):** The maximum incident forensics size. Incidents do not include forensics beyond this limit. Transactions larger than this include just metadata.

- **Max Intercepted Size (MB):** The maximum content size submitted for analysis. Transactions larger than this are not sent to analysis.

- **Max Extracted Sub-Files (MB):** Assuming the transaction contains archives, the total amount of data to be extracted from these archives.

- **Max Extracted Sub-Files (count):** Assuming the transaction contains archives, the maximum number of sub-files that is extracted from these archives, including the archive level name.