

VOTIRO

Votiro VA On-prem

File Type Anomalies and Limitations

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1 Supported File Types

The File Types table lists the file types and attributes supported by Votiro On-prem. The information is arranged according to the categories that appear in the **Action by File Type** area of the **Policies** page in the Votiro Management Dashboard.

- Types marked with ^ are scanned by the Positive Selection® Engine and their true file type is verified based on their structure. The files are not modified by this process. To allow files that have only detection, go to the [Policies](#) dashboard and create an exception under **Other files**. For more information, see [Adding Policy Exceptions](#).
- Types marked with ** are obsolete. They are not recommended as filters in a production environment. Support for these types might be discontinued in a later version.

Table 1 File Types

| File Type in Management | File Type | Family Type | Main Extension |
|-------------------------|---------------------------------|---------------------|---------------------|
| PDF | PDF | Adobe PDF | pdf |
| | XFA | Xfa Files | pdf |
| Image | Animated GIF | Raster Image Files | gif |
| | BMP | Raster Image Files | bmp |
| | EMF | Vector Image Files | emf |
| | GIF | Raster Image Files | gif |
| | HEIF | Raster Image Files | heic, heif |
| | JPEG | Raster Image Files | jpeg, jpg, emf, jp2 |
| | PNG | Raster Image Files | png, emf |
| | Portable Gray Map Image ** ^ | Raster Image Files | pgm |
| | PPM ** ^ | Raster Image Files | ppm |
| | SVG | Vector Images Files | svg |
| | TIF | Raster Image Files | tif, tiff |
| | WDP | Raster Image Files | Wdp |
| | WMF | Vector Image Files | wmf |
| | ICO | Icon Image Files | ico |
| PCX | Picture Exchange Files | pcx | |
| WEBP | Raster Image Files | webp | |

| File Type in Management | File Type | Family Type | Main Extension |
|-------------------------|-------------------------------|-------------------------------------|--|
| Binary | Binary ^ | Any Binary Files | dat, db |
| | Executable ^ | Any Binary Files | exe, com, dll, pif, sfx, msu, msp, msi, mo |
| Archive | Bzip2 ^ | Single compressed file | bz2 |
| | 7Z | Archives | 7z |
| | CAB ^ | Archives | cab, wsp |
| | GZ | Archives | gz |
| | GZIP | Archives | gzip |
| | InstallShield CAB ^ | Archives | cab |
| | JAR ^ | Java ARchive Files | jar, jarxx |
| | LZH ^ | Archives | lzh |
| | RAR | Archives | rar, rar5 |
| | Tar | Archives | tar |
| | VMware Virtual Machine Disk ^ | Archives | vmdk |
| | Xz ^ | Single compressed file | xz |
| | ZIP | Archives | zip |
| RTF | RTF | RTF Files | rtf |
| Email | Calendar | Calendar Files | ics |
| | DAT ** ^ | EML Files | dat |
| | EML | EML Files | eml, tmp |
| | Encrypted EML ^ | EML Files | eml, tmp, p7s, p7m |
| | HTML Body | HTML Files | html, htm |
| | HTML Attachments | HTML Files | html, htm |
| | MSG | MSG Files | msg |
| | PST ^ | PST Files | pst |
| | PST ANSI ^ | PST Files | pst |
| | RPMSG ^ | Restricted Permission Message Files | rpmsg |
| | TNEF Calendar ** | EML Files | eml |
| | TNEF ** | EML Files | eml |
| | VCF | Virtual Contact Files | vcf |

| File Type in Management | File Type | Family Type | Main Extension |
|--------------------------------|------------------|--------------------|-----------------------|
| Microsoft Office | Excel | Microsoft Office | xls, xlt, xml |

| File Type in Management | File Type | Family Type | Main Extension |
|-------------------------|-------------------|--------------|----------------|
| | Excel5, Excel95 ^ | Office Files | xls |

| File Type in Management | File Type | Family Type | Main Extension |
|-------------------------|---|---------------------------------|--------------------------|
| | Excel2, Excel3, Excel4, Excel5 ^ | Office Files | xls |
| | Excel (2007-2010) | Microsoft Office | xlsx |
| | Excel95 | Office | xls |
| | Excel Binary | Microsoft Office Binary Files | xlsb |
| | Excel on xml format ^ | Malformed Microsoft Office | xls |
| | Excel Template | Microsoft Office | xltx, xltm |
| | Excel with Macros | Microsoft Office with Macros | xlsm |
| | ExcelXML | Microsoft Office | xml |
| | Internal Office XML ^ | Text Files | xml, xml.rels, rels, vml |
| | Macro File ^ | Office Macro Files | bin |
| | Obsolete Office ** ^ | Windows Write File | wri |
| | Power Point | Microsoft Office | ppt, pps, ppsx, xml, pot |
| | PowerPoint95 ^ | Unsupported Files | ppt |
| | PreWord97 ^ | Unsupported Files | doc |
| | Power Point (2007-2010) | Microsoft Office | pptx |
| | Power Point Slide (2007-2010) | Microsoft Office | sldx |
| | Power Point Slide with Macros (2007-2010) | Microsoft Office with Macros | sldm |
| | Power Point Template | Microsoft Office | potx |
| | Power Point Template with Macros | Microsoft Office with Macros | potm |
| | Power Point with Macros | Microsoft Office with Macros | pptm |
| | PowerPointXML ^ | Microsoft Office | xml |
| | Printer Settings | Microsoft Office Embedded Files | bin |
| | Project ^ | Microsoft Office | mpp |
| | Unknown Ole Object | OLE Object | bin |
| | Visio | Microsoft Office | vsd |
| | Visio (2007-2010) | Microsoft Office | vsdx |
| | Visio with Macros | Microsoft Office with Macros | vsdm |
| | Word | Microsoft Office | doc |
| | Word (2007-2010) | Microsoft Office | docx |

| File Type in Management | File Type | Family Type | Main Extension |
|-------------------------|---------------------------|----------------------------------|----------------|
| | Word Pre-2007 Template | Microsoft Office | dot |
| | Word Template | Microsoft Office | dotx |
| | Word Template with Macros | Microsoft Office | dotm |
| | Word with Macros | Microsoft Office with Macros | docm |
| | WordXML | Microsoft Office | xml |
| Text | INI ^ | Configuration Files | ini |
| | Text ^ | Text Files | txt |
| | PostScript ^ | PostScript Files | ps |
| | XML | Text Files | xml |
| | JSON | JavaScript Object Notation Files | json |
| | CSV | Comma-Separated Values Files | csv |
| | HTML ^ | HTML Files | html, htm |
| Apple iWork | PAGES ^ | Apple text document | pages |
| | PAGES.ZIP ^ | Apple text zip document | pages.zip |
| | NUMBERS ^ | Apple spreadsheet file | numbers |
| | NUMBERS.ZIP ^ | Apple spreadsheet zip file | numbers.zip |
| | KEY ^ | Apple Keynote file | key |
| | KEY.ZIP ^ | Apple Keynote zip file | key.zip |
| Ole | Bmp Ole Object | OLE Object | bin |
| | Docm Ole Object | OLE Object | bin |
| | Docx Ole Object | OLE Object | bin |
| | Dotx Ole Object | OLE Object | bin |
| | Pdf Ole Object | OLE Object | bin |
| | Pptm Ole Object | OLE Object | bin |
| | Pptx Ole Object | OLE Object | bin |
| | Slide Ole Object | OLE Object | bin |
| | SlideM Ole Object | OLE Object | bin |
| | SlideX Ole Object | OLE Object | bin |
| | Xls Ole Object | OLE Object | xls |
| | Xlsx Ole Object | OLE Object | bin |
| | Equation Ole Object ^ | OLE Object | bin |

| File Type in Management | File Type | Family Type | Main Extension |
|-------------------------|---------------------------------|--|----------------|
| Media | AVI | Audio Video Interleave | avi |
| | DAT | Generic media | dat |
| | MPEG | MPEG video | mpeg, mpg |
| | WAV | Waveform Audio File Format | wav |
| | WMV | Windows Media Video | wmv |
| | MP2 ^ | MPEG-1 Audio Layer-2 File | mp2 |
| | MP3 | MPEG-1 Audio Layer-3 | mp3 |
| | MP4 | MPEG-4 multimedia | mp4 |
| | M4A | MPEG-4 audio | m4a |
| | MOV | Apple QuickTime Movie | mov |
| | 3GP | 3GPP multimedia | 3gp |
| | M4V | Apple MPEG-4 | m4v |
| | MKV | Matroska Video | mkv |
| | MTS ^ | MPEG Transport Stream file | mts |
| | WMA | Windows Media Audio | wma |
| | MXF | Material Exchange Format File | mxf |
| | CD Audio Track Shortcut ** ^ | CD Audio track pointer Files | cda |
| FLV ^ | Flash Video Files | flv | |
| VOB ^ | Video Object file | vob | |
| Open Office | ODS | Calc Spreadsheet File | ods |
| | ODT | OpenOffice Document file | odt |
| Hancom Office | HWP | Hancom Document file | hwp |
| | HWPX | Hancom Document open format file | hwpX |
| | SHOW | Hancom presentation file | show |
| | CELL | Hancom spreadsheet file | cell |
| Certificate | CRT ^ | Security Certificate File | crt |
| | CRL ^ | Certificate Revocation List | crl |
| | CER ^ | Third-party Certificate Authority File | cer |

| File Type in Management | File Type | Family Type | Main Extension |
|-------------------------|----------------------------------|--------------------------------------|----------------|
| CAD | DWF ^ | AutoDesk Design Web Format File | dwf |
| | DWG | AutoCAD Drawing File | dwg |
| | DWS | AutoCAD Drawing Verification File | dws |
| | DWT | AutoCAD Drawing Template File | dwt |
| | DXF | AutoCAD Drawing Exchange Format File | dxf |
| | JWW | Java Web-Workflows Data file | jww |
| | P21 | Express STEP Data Model Files | p21 |
| | SFC | Scadec Feature Comment file | sfc |
| | ACIS Solid Model ^ | CAD Files | sat |
| | CATIA Product Data ^ | CAD Files | stp, step |
| | eDrawings ^ | CAD Files | easm |
| | Initial Graphics Specification ^ | CAD Files | igs |
| | Parasolid model ** ^ | CAD Files | x_t, x_b |
| | Pcx ^ | CAD Files | pcx |
| | PreR14Dwg ^ | CAD Files | dwg |
| SolidWorks ^ | CAD Files | sldasm, sldprt | |
| ZSoft PCX Bitmap ^ | CAD Files | brd | |
| Ichitaro | JTD | Ichitaro Document file | jtd |
| | JTDC | Ichitaro Compressed Document file | jtdc |
| DocuWorks | XDW ^ | DocuWorks Image file | xdw |

| File Type in Management | File Type | Family Type | Main Extension |
|-------------------------|-------------------------------|-----------------------------|--|
| Other | Adobe Air ** ^ | Adobe | air |
| | CSS ^ | Cascading Style Sheet Files | css |
| | Data ^ | Model Item Data Files | data |
| | DB ^ | Database Files | dbf, npa, dbt, wnd, tab, mdb |
| | Dicom ^ | Dicom Files | dcm |
| | Embedded Macro ^ | Embedded File | bin |
| | Empty ^ | Empty File (None) | |
| | INF ^ | INF Files | inf |
| | LabView ** ^ | LabView | vi |
| | Mac AppleSingle encoded ^ | Mac OS Files | "._" prefix |
| | Mac AppleDouble encoded ^ | Mac OS Files | "._" prefix |
| | Mac OS X folder information ^ | Mac OS Files | ds_store |
| | Mac OS X crash log ^ | Mac OS Files | crash |
| | MHT ^ | MHT Files | mht |
| | MST ** ^ | Installer Setup File | mst |
| | p7s ^ | Digital Signatures | p7s |
| | Pgp File ^ | Encrypted Files | pgp |
| | PSD ^ | Photoshop Files | psd |
| | RPT ** ^ | RPT Files | rpt |
| | RSP ** ^ | PLC Files | rsp |
| | Script ^ | Batch Files | bat, js, php, cmd, vbs, reg, pl, lnk, py, asp, ps1 |
| | Shortcut ^ | Shortcut Files | url |
| | Solution User Option ** ^ | Visual Studio Files | suo |
| | SQL ^ | SQL Files | sql |
| | Tableau ^ | Tableau Files | twb, tbm, twbx, hyper, tds, tdsx |
| Unrecognized ^ | Any Binary Files | | |

Anomalies and Limitations

Processing files for positive selection so you only receive secure content occasionally results in some known anomalies and limitations. These include:

- Unknown Ole Objects: both generic and unknown Ole objects are handled.
- Generic Ole objects will be processed, and unknown Ole objects will be blocked.
- File names with more than 101 non-English characters may not be included.
- As you can see, the file size limitations are currently significant sizes:
 - ◆ Archives - 2 GB
 - ◆ CSV - 2 GB
 - ◆ Raster images - 100 MB
 - ◆ Text - 100 MB
 - ◆ PDF - 700 MB
 - ◆ EML - 64 MB
 - ◆ ICS - 5 MB
 - ◆ Office - 50 MB
 - ◆ ExcelX - 1 GB
 - ◆ PowerPointX - 1 GB
 - ◆ WordX - 750 MB
 - ◆ Visio - 1 GB
 - ◆ Vector images - 10 MB
 - ◆ Media - 10 GB
 - ◆ XML and JSON - 100 MB
- AV scans are supported for file sizes up to 40 GB.