

Supported Source Data Formats

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Forensic Image File Formats

HstEx® v4 natively supports a number of different image and output file formats. The following table represents a summary of the supported file types.

| File Format | File Extensions |
|---|--|
| EnCase® v1 - 8 Image File (EVF / Expert Witness Format) | *.e01 |
| EnCase® v7 - 8 Evidence File Format v2 | *.ex01 |
| EnCase® v5 - 8 Logical Evidence File Format v1 | *.L01 |
| EnCase® v7 - 8 Logical Evidence File Format v2 | *.Lx01 |
| SMART/Expert Witness Image File | *.s01 |
| X-Ways Forensics Image File | *.e01 |
| VMWare Virtual Disk File | *.vmdk |
| Virtual Hard Disk | *.vhd |
| Segmented Image Unix / Linux DD / Raw Image Files | *.000, *.0000, *.00000, *.001, *.0001, *.00001 |
| Single Image Unix / Linux DD / Raw / Monolithic Image Files | *.dd; *.img; *.ima; *.raw |
| Memory Dumps | *.dmp; *.dump; *.crash; *.mem; *.vmem; *.mdmp |
| Binary Dumps | *.bin; *.dat; *.unallocated; *.rec; *.data; *.binary |
| Mobile Phone Raw Binary Memory Dumps | *.bin |

Note

We have removed support for the Advanced Forensics Format (AFF) in HstEx® v4.

Direct Sector Access to Physical and Logical Devices

HstEx® has the ability of directly accessing at the sector level any physical or logical devices attached to the host system. This allows the user to employ hardware / software write blockers and to recover data directly from a disk or external media.

Warning

Do **NOT** mount images supported image types and then process as if they were physical or logical devices. This makes no sense whatsoever and will result in really slow processing. If the image types is supported, then using HstEx® to natively process the image is by far the fastest and most effective method. If you have an image format that is not supported, please contact support.

A write blocker should be used when accessing physical or logical devices directly. If the hard disk is failing, please use a data recovery imager to capture the data from the device first and run HstEx® against the resulting image.