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# W4 1.1.8 Release Highlights

Released: 29 July, 2025

## General

- Stability improvements across all components.
- Improved startup and shutdown time, especially on machines with large amount of RAM.
- Changes to Memory Allocation settings:
  - When Memory Allocation is set to "Auto", indexing will now consume all available system RAM better. This reduces the chance of a W4 process running out of memory, particularly on systems with > 32 GB RAM.
  - A new "Manual" mode has been introduced, where a single slider can be used to govern how much RAM all W4 processes combined can use. The default value equals to what the "Auto" mode will use. Users can reduce this if the system is meant to be running other heavy-weight processes at the same time.
  - A new "Advanced" mode has been introduced, in which users can individually configure how much memory should be reserved for case review operations, index management operations, and crawlers. The expectation is that users will not have to configure this unless instructed by Vound Support staff to do so.

## Indexing

- Added support for the Reference Data Set (RDS) Hash Sets v3 format, which is in SQLite format.
- Resolved an issue where a local firewall could interfere with inter-process communication, affecting indexing and exporting.
- Added support for Notes 12 and 14. A 64-bit Notes version is now required.
- Added support for Windows Push Notifications artifacts (wpndatabase.db files).
- Added support for Windows Sticky Notes databases.
- Added support for Start and End dates for call items in MS Teams PST files.
- Improved indexing of disk images with suspended BitLocker protection.

- Improved indexing of some VHDX disk images with GPT partition table.
- Improvements to the processing of various office documents due to library upgrades.
- Reviewed all supported cellphone formats to ensure complete and appropriate processing of all major artifacts (messages, calls, images, etc.) in phone dumps. This resulted in several small improvements and optimizations.
- Resolved an issue with incomplete raw data in contacts extracted from an iTunes backup.
- Resolved an issue with missing timestamps in Oxygen reports.
- Resolved incomplete (infinite) processing of Cellebrite UFDR reports due to an illegal XML structure occurring in these files.
- Resolved issues with the indexing of certain Skype chat messages.
- Improvements to the handling of participants in Pidgin chats.
- Added support for Outlook for Mac 2011 (OLK14) files.
- Improved detection of deleted items in FAT16 partitions.
- Resolved an issue with an AFF4 image of an encrypted APFS file system failing to index properly.
- Resolved an issue with very slow or infinite processing of certain Linux disk images.
- Improved stability when indexing ISO disk images with a CDFS file system.
- Several stability improvements related to the handling of corrupt disk images.
- Improved stability when indexing ISO and DMG disk images.
- Added support for indexing MS Visio VSDX files.
- Resolved an issue with disk images containing NTFS file systems that were decrypted by AXIOM. Incorrect NTFS data structures would cause some folders to be regarded as corrupted and subsequently skipped.
- Resolved an issue with incorrect (garbled) partition names on ext4 and FAT16 file systems.



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- Resolved an issue where chat messages with identical content could mistakenly be responsive to certain keyword queries.
- Resolved an issue with interrupted crawl processes when indexing very large (> 100 GB) UFDR files.
- Improved memory usage when indexing Cellebrite reports with a large number of chat messages.

#### Previewer

- Improved native rendering of items due to several library upgrades.
- Improved HEIF image support.
- Resolved an issue with some PDF documents showing black artifacts in the Preview tab.

## Upgrade Notes

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Cases created with W4 1.1.8 are not compatible with 1.1.7 and older version. Cases created with W4 1.1.5-1.1.7 can be opened in 1.1.8 but will be converted to the new format. That means, once converted, they will not be able to open in older W4 versions.

[Download a copy of W4 1.1.8](#)

[UPGRADE NOW](#)



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