

Intella Connect 2.7.1 Release Notes

Highlights

- Intella Assist enhancements: support for **GPT-4o, OpenAI API-compatible models, local models** and **search suggestions**.
- Added support for **file carving**; recovering deleted items from unallocated space in disk images.
- Improvements to the handling of **privileged items**.
- Added support for acquiring data from **Google Meet**.
- Added support for indexing **MS Visio VSDX** files.
- Added functionality for **repairing broken cases**.

General

- Major updates to the user interface libraries and frameworks, bringing a faster, more responsive and future-proof user interface.
- Tested that the applications work correctly and efficiently when using the IPv6 protocol.
- Improved the name of the Desktop shortcut to the check-service.bat executable, which is placed when installing the application as a Windows service. The old shortcut name could result in users expecting this shortcut to start the service.

Authentication

- Simplified the process of adding a standard Active Directory instance as an LDAP provider, where the user only needs to provide the user accounts location and a group membership.
- Performance improvements in the loading of user data from an LDAP server.

Authorization

- Enhancements to the exporting and downloading of items that are subject to the "Cannot see items tagged with ..." permission. A common use case of this permission is to suppress privileged items from a review. It may happen that a reviewer tries to export or download items that have child items that are hidden by this permission. For example, a user may attempt to download an email that contains a hidden attachment. When this occurs, the export or download is now blocked, as the native form of the parent item would reveal the restricted child item(s). The user gets to see a dialog explaining that the operation is blocked.

- Starting with this release, the default administrator account will now receive the "Can configure servers in Intella Grid" permission by default. This does not affect existing installations.

Case Management

- Resolved an issue with the admin user not being able to remove cases in a very old case format.
- Resolved an "Error while loading activities" error message in a case details' Activity tab when there was no previous user activity.

Intella Assist

- The GPT-4o ("omni") model is now the default OpenAI model.
- Added support for using any model that uses the OpenAI API. Besides alternative hosted LLMs, this also opens the door to using locally hosted LLMs.
- The Intella Assist facet has been extended with a Suggestions component, listing examples of searches that can be done with Intella Assist.

Indexing - General

- Added support for indexing MS Visio VSDX files.
- Removed support for indexing local, on-prem SharePoint sources. Cloud-based SharePoint instances are not affected by this change, as they can be retrieved using the M365 source type.
- Added logging of the used indexing options.



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- Resolved an issue with the “Enable unsupported version” option in Intella Node’s IBM/HCL Notes settings still not allowing for an unsupported version to be used.
- Resolved Intella Node failing to show an error when the geolocation database could not be validated.
- Resolved Intella Node failing to revalidate source and Node server settings when re-indexing a case.
- Resolved an issue with users not being able to use an entire drive as an evidence path in a source.
- Improved indexing performance when processing emails and chat conversations with very large numbers of recipients.

Indexing – Disk images

- Added support for file carving: the process of recovering deleted items from the unallocated space in a disk image. This requires the PhotoRec utility, which can be downloaded automatically. Currently, E01 and DD images are supported. Carving runs in parallel with regular indexing, to optimize speed. File carving requires the use of the Disk Image source; disk images that are indexed as part of a “File or Folder” source will not be carved.
- Improved checksum validation of AFF4 images. For AFF4 physical images, checksum validation is an optional step during disk image validation when using the Disk Image source type. For AFF4-L logical images, failed checksums are reported as exceptions in the Features facet and in the Exceptions report.
- 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.

Indexing – Cellphones

- 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.

Indexing – Cloud sources

- Extended the Google source with support for Google Meet.
- Improved indexing and rendering of tables in iCloud Notes items.
- Resolved an issue with Find my Phone artifacts in iCloud sources.

IntellaCmd

- Added an option to rebuild the indices in a case. This operation regenerates the secondary indices that are derived from the data gathered during crawling. This can be used to repair cases that fail to open or that show other forms of erratic behavior, especially in cases where no

backup is available. As a precaution, users are still advised to run this operation on a copy of the broken case.

Log Viewer

- Various minor usability improvements.

Results

- Resolved an issue with the Mime Type column not rendering the item MIME types properly.
- Improved handling of items with alternative, less commonly used MIME types.

Previewer

- Resolved an issue with the Previewer not showing an item when that item has no MIME type associated with it.

Tagging

- Commas in tag names are no longer allowed, unless when properly escaped. This prevents issues in other subsystems that process tag data.

OCR

- The default time-out of OCR workers of the embedded OCR engine has been changed from 30 minutes to 2 hours. The previous time-out value caused too many documents to fail unnecessarily.
- Added a cap on the number of OCR workers for stability reasons.

Exporting – PDF

- Resolved an issue with certain calendar items failing to export.
- Resolved an issue with annotations such as comments in a PDF getting lost when exporting the item to a PDF.
- Resolved an issue with incorrect positioning of headers and footers in landscape-oriented PDF documents.
- Resolved an issue where Intella did not add a numbered suffix to a file name (e.g., “document(1).pdf”) when exporting multiple items with the same file name or subject to PDF.
- Resolved an issue with certain characters not rendering properly in the generated PDF, whereas they would render fine in the Previewer.

Exporting – Load files

- The PDF-related improvements listed above also apply to the exporting of load files using the PDF or TIFF file formats.
- Resolved an issue where the “Also include PDF versions of images” setting was ignored when exporting to a load file. The default “Images” folder was used instead.

Retiring functionalities

- Intella Viewer – In a future release, Intella Viewer’s ability to connect to a case shared by Intella Connect or Intella Investigator will be removed. Intella Connect and Intella Investigator will be able to deliver those functionalities entirely via the browser.



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Upgrade Notes

Intella Connect versions can be installed side-by-side. There is no requirement to uninstall old versions when installing an Intella version.

Case versions 2.6.x and 2.7 – Intella Connect 2.7.1 can open cases made with versions 2.6.x and 2.7. No case conversion is needed.

Due to a change in the underlying databases, results in the Image Categories and Detected Objects branches of the Image Analysis facet that were made with version 2.6 will not be visible when the case is opened with version 2.6.1 and later. This analysis will have to be repeated with the more recent version used.

Case versions 2.1.x to 2.5.x – Intella Connect 2.7.1 can open cases made with versions 2.1.x to 2.5.x, but these cases first require conversion before they can be opened. Case conversion will create a copy of the case in which all item data is converted, and all tags, comments and flags are imported. The original case will not be altered in any way and can afterwards still be opened in the older Intella version. Access to the original evidence files is not required for case conversion.

Case conversion will require sufficient disk space. As a rule of thumb, please reserve twice the amount of the evidence size for your case folder.

Other case versions – Cases made with versions 2.0.x or older are not supported.

To open cases made with the 1.9.x and 2.0.x versions, please use Intella Connect 2.5.1. This is the last version to support the 1.9.x and 2.0.x versions.

Cases made with beta versions are not supported and should be recreated.

Memory settings – The 2.7 version changes how case memory settings are stored. Prior to version 2.7, these settings were stored in both the case.xml and case.prefs files, for historical reasons. This is now only stored in the case.prefs file. Consequently, if the 2.7(.1) version is used to alter the memory settings of a case made with an older version, the memory setting changes may not be picked up by older versions.

Microsoft SharePoint – Version 2.7.1 no longer supports local, on-premises SharePoint servers. Version 2.7 was the last version supporting this source type.

Cloud-based SharePoint instances are not affected by this change, as they can be retrieved using the M365 source type. Existing cases with local SharePoint sources can still be opened.

Software versions – Vound will provide technical support for one major past version. For this release that will mean the 2.6.x range of products. Vound always recommends that users upgrade to the latest version.



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