

Intella Connect 3.0.1 Release Notes

Highlights

- Introducing the **Intella Connect 25** product license.
- Added **portable case** export functionality. Portable cases contain subsets of their original case and can be opened with the free **Intella Backpack** application.
- Intella Assist Tasks can now **generate columns** of data.
- Added **image analysis** to Intella Assist.
- Added **Windows OS** and **iTunes backup** support to the **Devices** tab.
- Added support for indexing MacOS/iOS **iMessage/SMS** databases.
- Improved **Cluster Map**, with better rendering and interaction.
- Improved **Features facet** structure.
- Added support for **SHA-1, SHA-256** and **SHA-512** hashing.
- Added **Work Report** exporting and importing.
- Added **Restore Annotations** functionality, for recovering results from broken cases.

Licenses

- This release introduces the new Intella Connect 25 license. This license allows for 25 active cases and 60 concurrently active users on a single server.
- The Intella Connect Plus product has been renamed to Intella Connect 10. Similarly, the Intella Connect 6 Cases Add-on license that is deployed next to the regular Intella Connect 3.0.x license has been renamed to Intella Connect 10 Add-on.

Intella Backpack & Portable Cases

- Added exporting of items to a portable case.
 - This case format consists of a single encrypted file, holding a complete case that consists of the exported items. The file is password-protected, ensuring that only the intended recipient of the portable case can use it.
 - Portable cases can be opened in Intella Backpack. This new and free desktop application allows users to review and search the items in a portable case.
 - On the technical side, Intella Backpack is deployed as a portable application. This means that it can run without installation, and without requiring administrative rights. Just unzip the ZIP file and double-click IntellaBackpack.exe. For example, it is possible to run it straight from a USB memory stick.

- No license is required to run Intella Backpack. It will run freely and perpetually. Intella Backpack will be available to non-Vound customers as well.
- Tags, flags and comments created by reviewers in a portable case can be transferred back to the original case using Work Reports.
- Added Work Report exporting. This allows for the transfer of work product, such as tags, flags and comments, to a copy of the case residing in another place.
- Added Work Report importing.

General

- Improved resilience against unclean shutdowns for HSQLDB databases inside case folders.
- Performance improvements in the loading and synchronizing of tagging-related data.
- Added a preference for disabling the generation of video thumbnails during thumbnail generation.
- Updated system requirements, particularly on RAM requirements.
- General performance, stability and security improvements from third party dependency updates.



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- Replaced third party dependencies that are now in an end-of-life state.

Case Management

- Added functionality for transferring the annotations from a broken and unusable case to a backup of that case. This functionality previously only existed in the Intella desktop products. See the Sources > Maintenance > Restore annotations option in the Cases list.
- Added an "Update Hierarchical Metadata" option. This feature is used to update metadata fields such as Primary and Family Dates, Message Hashes and Top-Level Parents when settings are changed that affect these fields.
- Improved the logging preamble in the case log when a compound case is opened.
- Resolved a confusing "SAIL is already locked" error that could occur during source management actions that were launched while the case was indexing.
- Improved error reporting in situations where a case fails to open, and where the user would see the "Preparing case..." message indefinitely.

User Management

- Added a configuration option to control after how much time an inactive user is automatically logged out.
- Added a "Can delete flaggings from other users" permission.
- Improved the Change Password dialog, making it clear that when changing a user's password, the admin password is needed to authorize that change.
- Improved handling of Role names that contain special characters.
- Resolved an issue where certain permission configurations could result in problems saving the global authorizations.

Indexing – General

- Added support for hashing items using SHA-1, SHA-256 and/or SHA-512.
- Added the ability to stop ongoing indexing tasks, such as OCR-ing.
- Added extraction of RSIDs (Session Revision Save ID) and Document IDs from MS Word documents.
- Improved processing of very large Excel documents, e.g. where the extracted text exceeded 1 GB of characters.
- Improved the performance of the "Rebuild secondary indices" operation.
- The use of comma characters in custodian names is prohibited in the Custodian facet. The Add Source wizard, which has a setting to directly set the custodian on all items of a source, now disallows commas in the custodian name as well.

Indexing – Disk Images

- Resolved an issue where certain disk images with suspended BitLocker protection failed to index. These errors would be logged as an "unsupported FVE metadata entry version" error.

- Resolved an issue with a multi-segment LOI image produced by Forensic Explorer that failed to index.
- Resolved incorrect timestamps for disk images with FAT32 file systems when the source timezone is different from the current machine's timezone.
- Resolved an issue where certain VHDX disk images with GPT partitions could not be indexed.
- Resolved an issue where Windows 11 disk images were reported as being Windows 10 images.
- Resolved an issue in the Add Source wizard, where a disk image source path could become undefined when navigating between the wizard sheets.

Indexing – Chat Messages

- Added support for indexing MacOS and iOS iMessage/SMS databases.
- Added support for configuring the parameters of the message hashing algorithm. Previously this was only available in the desktop application.
- Improved handling of the "account_id" participant parameter in RSMF archives.
- Added support for extracting message texts from the AttributedBody column in iTunes backups.
- Resolved an issue where messages in certain iTunes backups were not properly indexed.
- Resolved an issue in chat message hashing, where non-identical chat messages got the same message hash.
- Resolved silent errors during chat message indexing. These errors are now reported appropriately.
- Resolved an issue with messages in a Slack export failing to index correctly.
- Resolved an issue with certain top-level chat messages in an UFDR file failing to index.

Indexing – Load Files

- Resolved an issue where chats, calls and calendars exported to a load file with the "Export native as PDF" option could not be imported back into a case.

Indexing – Cloud Sources

- Resolved access issues with Microsoft 365 sources due to protocol changes.

Indexing – Crawler Scripts

- Added an "item.mediaTypeCategories" attribute that holds all the type categories of that item. E.g., for an message/rfc822 item, it contains "Communication", "E-mail", and "Email Message".

Commandline Support

- Added an "--appendText" option. This can be used together with the "--importText" option. It instructs the application to append rather than overwrite the imported item text.
- Resolved the "--log" parameter failing to operate in certain cases.

Devices

- Besides phones, the Devices tab now also shows Windows OS installations found in disk images. This typically reveals:
- System artifacts such as OS setup, accounts, networks, and USB devices.
- Installed and launched applications.
- Common files of interest, such as messages, multimedia files, browser histories, and recently used files.
- Added support for phone and tablet devices found in iTunes backups.
- The item lists can now be sorted, e.g. by date, type or size, just like the item lists in the Search tab.
- The applications list can now be sorted by application name or by item count.

Communication

- Resolved an issue with the Find People operation not finding all people connected to the selected person.
- Resolved incorrect placement of hit highlighting markers.

Insight

- The bars in the Insight tab's Timeline are now clickable. This fires a query for that date range in the Search tab.
- Optimized performance of the Networks widget, where the loading of a large list of networks could freeze the browser.

Intella Assist

- Added the ability to analyze images through Intella Assist. This has a broad range of uses, e.g.,
- Detecting images containing certain objects, such as guns and other weapons, hate symbols, tattoos, drugs.
- Describing in natural language what a photo depicts.
- Performing OCR, from scanned documents to vehicle number plates in photos.
- Classifying images based on natural language descriptions of the categories.
- Added support for Google Gemini as an LLM provider.
- Made the tests performed by the Test Integration button more robust.
- Items that have been analyzed with Intella Assist can now be located via the "Intella Assist" branch in the Features facet. Separate nodes are used to indicate whether that analysis took place through the Intella Assist chat or via an Intella Assist Task.
- Updates to the supported WatsonX models.
- Resolved an issue where a failed Intella Assist Task execution on an item resulted in a "Failure" tag being applied on behalf of the logged in user instead of the dedicated Intella Assist user.

Intella Assist Tasks

- Added the ability to extract specific information, such as monetary amounts, people names, etc., and having that show as a sortable column in the Table.

- The number of parallel connections to the LLM service can now be specified in the Admin UI. Previously this was only configurable through a hidden preference.
- The Injected Content fields now each have a checkbox for enabling that field individually.
- Enlarged the maximum text sizes that can be entered in the various task fields.
- Rendering improvements to the task list dropdown.
- Performance improvements on executing tasks.
- Added the ability for an Intella Assist Task to remove a flagging from an item.
- Added a "Can delete flaggings from other users" permission. A particular use case of this permission is to be able to delete flags that are added by an Intella Assist Task.

OCR

- Intella will now better utilize the optimization folder for OCRing. Previously, many temporary files were stored in the case folder, which could cause issues if the case is located on a network drive. Those files will now be stored in the optimization folder, when configured. This is likely to improve performance, and also resolves certain issues with network drives.

Searching

- Improved the usability of the Features facet, by grouping the facet nodes into branches: Evidence, Review, Analysis, Indexing.
- Added the ability to set which item types to ignore when determining the direct and top-level parents of an item. Previously this was only available in the desktop application.
- Resolved the missing default Saved Search for "Possible spam" in compound cases.
- Resolved an error that would occur when a phrase or proximity search used nested phrase searches, with no space character separating them.

Results

- Improved Cluster Map rendering and interaction:
 - The rendering style now mirrors the one used in the Intella desktop application.
 - The end user can now drag the nodes in the graph around.
 - Improved zooming and node selection handling.
- Improved usability of the column chooser.
- Resolved an issue with the Table not fully reloading after bulk tagging or flagging operations.
- Resolved an issue where sorting by Family Date would not work properly after changing the Top-Level Parent search options.
- Resolved rendering issues in the Report > Volume tab.
- Resolved an issue with the Image Analysis columns showing no results.
- Resolved an error that occurred when resizing the browser window while the Geolocation view is showing.

Previewer

- Improved the rendering of items whose binary file has not been stored in the case, due to the file exceeding the item size threshold of its source.
- Resolved an issue with missing hit highlighting when a paragraph was collapsed and then expanded again.
- Resolved an issue with the Email Thread tab not rendering its graph when the user switches to a different tab and then returns to the Email Thread tab.
- Resolved an issue with the "Include item metadata" setting in Redaction Profiles being applied incorrectly.
- Resolved an issue with pinned tags appearing in the wrong slots.
- Resolved an issue with the Show Family action not launching that search in the Search tab.

Batching & Coding

- CC and BCC headers of emails will now be displayed in the "Contents" tab.
- Resolved an issue with reviewers not being able to add spaces in comments in the Coding view.

- Resolved an issue with loading spreadsheet previews in the Coding view.

Predictive Coding

- Added the ability to stop an ongoing Predictive Coding background task.

Exporting – General

- Resolved an issue that prevented exporting items when the items table was sorted by a custom column.

Exporting – PDF

- Resolved an issue when exporting an HTML email with an invalid "href" link to PDF format.
- Resolved an issue where some PDFs could not be rendered due to incorrect font substitution.
- Resolved an issue where HEIC images were not rendered in the PDF in some cases.

Exporting – RelativityOne

- Direct export to Relativity can now be done via the new Import Service API. This also simplifies the installation process of Relativity's dependencies.

Upgrade Notes

Intella Connect versions can be installed side-by-side. There is no requirement to uninstall old versions when installing an Intella Connect version. Running the new version will automatically pick up cases and settings from a previous installation.

Case version 3.0 – Intella Connect 3.0.1 can directly open cases made with version 3.0.

Case versions 2.1.x to 2.7.x – Intella Connect 3.0.1 can open cases made with versions 2.1.x to 2.7.x, but these cases first require conversion before they can be opened.

Case conversion can 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. Case conversion requires sufficient time and disk space. As a rule of thumb, please reserve twice the amount of the evidence size for your case folder.

Alternatively, for cases made with version 2.6 or later, case conversion can directly convert the existing case without creating a copy of the case. This manner of case conversion is considerably faster (usually a matter of seconds) and much less disk intensive. This can be a good alternative when a backup of the case already exists, saving both time and disk space. Having backups of your cases is always highly recommended.

Access to the original evidence files is not required for either manner of case conversion.

Case conversion will make the case openable in version 3.0.1, but re-indexing of cases with cellphone or disk image data is still required to be able to utilize the new Devices tab on that data. For re-indexing, access to the original evidence files is required.

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 a more recent version.

The 2.7.2 release resolved an issue for Saved Searches containing Content Analysis results. These searches would not yield any results. Saved Searches made with earlier versions that contain Content Analysis queries should be discarded and re-created; they cannot be automatically fixed.

To index Notes NSF files, a 64-bit version of Notes is required. 32-bit Notes versions are not supported.

Other case versions – Cases made with version 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 changed 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 a 2.7 or later 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.

Software versions – Vound will provide technical support for one major past version. For this release that will mean the 2.7.x range of products. Vound always recommends that users upgrade to the latest version.



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