Intella 1.7.2 Release Notes

Highlights

- Added detection of **credit card numbers, social security numbers, person names, phone numbers, organization names and locations** in document texts.
- Added a new **Statistics** view, giving the user a statistical and graphical overview of the case's content.
- Several facets now support **sorting values by size** and **filtering based on presence** in the current query results (i.e. the highlighted facet values).
- **Load files** can now also be *indexed*, meaning that you can e.g. import the information from a legal case application such as Concordance into an Intella case.
- Added **filtering of disk images** based on predefined profiles (e.g. index mail stores only, index all supported formats, etc.) or custom profiles.

Indexing

- Intella can now index load files. Supported formats are Concordance, Relativity and plain CSV files. See the Intella user manual for the supported fields. Native content and extracted text can be imported. Images can be imported via an Opticon file.
- When adding a disk image source, the user can opt to restrict processing to certain file types and locations. A number of profiles are predefined that handle common use cases, e.g. all mail containers, or all supported file formats excluding C:\Windows and the Program Files folders. The user can also define a custom profile and store it for reuse in other cases.
- Added support for indexing Outlook 2013 OST files. This feature is still experimental, especially concerning the recovery of deleted emails.
- Added support for indexing S/MIME signed messages.
- Resolved an issue with incorrect indexing of MSG files when the "Index content embedded in documents" option is turned off.
- Resolved an issue with the Source Editor taking a long time to open.
- The indexing progress screen now shows both the number of encrypted and decrypted items.
- Improved indexing of numbers.
- Resolved several issues with extracting images from PDFs.
- Improved indexing of incorrectly encoded newlines in email headers.
- Improved indexing of PST emails with invalid message classes.
- Resolved an issue with sources showing unnecessary suffixes ("(1)", "(2)", etc.) in the Location facet.

Searching

- The values in the Email Address, Author, Phone Number, Device Identifier and Content Analysis facets can now be sorted by size.

- Furthermore these facets now support filtering the list of values to those values that occur in the current search results, i.e. the values highlighted in bold.
- Resolved an issue with counter-intuitive interpretation of certain complex Boolean queries.
- The default Saved Searches used for finding email addresses, credit card numbers and social security numbers have been removed. The new Content Analysis feature provides a qualitatively better and more robust alternative for this.
- When restoring a Saved Search, the user can opt to merge all the result sets into a single cluster. This is useful if the various searches in the Saved Search conceptually are meant to find the same type of items and are only split up for technical reasons.

Results

- The List view, which shows the search results as a search engine-like list of results, has received various improvements:
  - It shows snippets of the found items, showing the context in which keyword hits are found.
  - The list shows all items at once, rather than being paginated.
  - The list can be sorted using the same fields as supported by the Table view.
  - Each item shows its tags and can be flagged from this view.
  - Like any list, the items in it can be selected by clicking, Ctrl-clicking and Shift-clicking. Right-clicking shows the same popup menu as used in the Table view.
  - Items that have been previewed are shown in a different color.
- Several stability improvements in the Social Graph.

Previewer

- The Preview tab is now also shown for emails, showing the emails the same way as a mail client would show them. This tab is now located directly next to the Contents tab.
- The Preview tab now supports text selection, rotation, various types of zooming, navigating bookmarks and keyword searching.
- Improved rendering speed when showing very large document texts in the Contents tab.
- The "The preview may have been truncated" message always used to be shown in the Preview tab. Now it is only shown when the number of pages actually have been truncated.
- Resolved an issue with the Print Tab function not including message properties like subject, sender, receiver(s) and date when printing the Contents tab.

Analysis & Statistics

- A "Content Analysis" facet has been added to the list of facets. This new facet shows e.g. credit card numbers and person names that have been found in the document texts through the use of natural language processing techniques. Some categories are automatically populated during indexing, whereas others require a post-processing step (select items in the Details table, right-click and choose "Content Analysis…") due to the amount of processing time that these types of analysis require. The following categories of entities are supported:
  - Credit Card numbers

- o   Social Security Numbers
- o   Phone numbers
- o   Person names (requires post-processing)
- o   Organizations (requires post-processing)
- o   Locations (requires post-processing)
- A "Statistics" view has been added to the main window, giving the user a graphical and statistical overview of the case's content. The Statistics view contains the following tabs:
  - o   The Overview tab shows the total and duplicated amount of items for several key categories, such as the complete item set, email containers, encrypted and decrypted items, OCRed items, items with errors, etc. It also shows a pie chart and a top 10 list of item types.
  - o   The Histogram tab shows a zoomable bar chart of the items according to their timestamps. The chart's contents can be customized to show particular date fields (e.g. Sent or File Last Modified) and to show years vs. months.
  - o   The Emails tab shows statistics such as the number of email addresses, first and last Sent date, and the top 10 most often used email addresses and host names.

Exporting - General

- The Print Preview dialog, which can be launched from the Details table and the Previewer window, now also supports saving the print output to a PDF file.
- The Export Queries option in the Searches box now exports both the total counts and the counts after applying the Includes and Excludes.
- When exporting an item to PDF with inclusion of the item comments, those comments will now show the user who added that comment.

Exporting – Load Files

- The Image DPI setting and TIFF compression type can now be set. Previously this was only possible by manually editing an export template XML file.
- Added support for "Group 4 Fax" TIFF compression.
- Added support for producing little-endian TIFF images.
- Fixed missing resolution tags in exported TIFF files.
- Added support for the "consecutive" numbering scheme when exporting to a load file.
- Several improvements to ensure that the exported load file can be imported more easily into Summation.
- Added the option to split timestamps into separate date and time values, rather than always being combined into a single value.
- Fixed missing "Parent ID" value when exporting to a load file format other than Summation.
- Fixed incorrect "Date" values when exporting to a Ringtail load file.
- Improved use of TEXT and MEMO type fields when exporting to a Ringtail load file.
- Several minor improvements.

TEAM

- Resolved an issue with TEAM Reviewer failing to access a case on a Connect server due to the case's on-demand initialization.

License Management

- Improved the Dongle Manager error messages that are shown when the proxy configuration is missing or incorrect.

Upgrade Notes

Intella 1.7.2 can open cases made with 1.7 and 1.7.1. Reindexing or conversion of the case is in principle not necessary; only certain new features like the new Email Address or Content Analysis facet branches will be missing or empty until the case is reindexed.

Warning: once the new OCR features are used in a case, it will refuse to open in Intella 1.7.

Cases made with Intella 1.6.x and 1.5.x can also be opened, but require conversion:

- When opening a 1.6.x case, a case conversion process is triggered that creates a copy of the case and transforms the case databases. Afterwards the copy can be opened in Intella 1.7.x. The old case is left unchanged and can still be opened with the 1.6.x versions.
- When opening a 1.5.x case, a case conversion process is triggered that creates a copy of the case and reindexes it from scratch. This will take a substantial amount of time, roughly equivalent to the time it took to index the original case. Afterwards the copy can be opened in Intella 1.7.x. The old case is left unchanged and can still be opened with the 1.5.x versions.
- Cases made with Intella 1.4.x and older are not supported.

Cases shared with Intella TEAM Manager 1.7.2 will also require a 1.7.2 Reviewer.

For more information on case conversions please see the User Manual, chapter "Converting a Case".

Please back up your cases before converting them.