Intella

®

The future of Forensic Search technology

Highlights

- Introducing a new product: **Intella® Connect** to review a case through a web browser.
- Added support for **decrypting** various file formats (e.g. NSF, PDF, ZIP).
- Improved **Previewer** interface.
- **Deduplication** is now available in all Details views.
- **Extended export options.**
- Default Saved Searches for finding **credit card numbers, social security numbers** and **junk mail.**
- The Date facet can now search **specific days and/or times.**
- Keyword search can now use **special characters, currency symbols,** percentages, etc.

General

- With the 1.7 release we are proudly introducing a new product: **Intella® Connect**. With this product cases can be shared and accessed through a web browser. This lets an organization share a case to a group of reviewers without any software installation. An up-to-date web browser and network access to the case sharing machine is all that is necessary to start reviewing the case. Reviewing the shared case with Intella® TEAM Reviewer is still possible.

- The 1.7 trial license supports use of the product over RDP. Use inside virtual machines is still blocked when using the trial license.

Indexing

- A number of encrypted file formats can now be decrypted automatically during indexing, provided that their access credentials are made available to Intella® beforehand:
  - NSF files, using Lotus Notes ID files and passwords.
  - PDF, Excel (.xls) and OpenXML documents (.docx, .xlsx, .pptx), based on specified passwords.
  - ZIP, RAR and 7-Zip archives, based on specified passwords.
  - S/MIME- and PGP-encrypted emails, based on specified certificates.
    Note: optimal use of this feature requires manual installation of the Java Cryptography Extension Unlimited Strength Jurisdiction Policy Files. See the user manual for more information.

- Extended archive support:
  - Added support for 7-Zip, CPIO, ARJ, Cab and Deb archives.
  - Added support for ZIP files that use the Deflate64, BZip2, LZMA or PPMD compression methods.
  - Added partial support for ZipX.

- Added experimental support for EnCase 7 images (Ex01 and Lx01 files).

- Non-image files nested in a PDF are now also indexed. Before only nested images were extracted.

- Resolved an issue with indexing PST/OST files with an irregular structure.

- Improved the indexing of items inside PST/OST files with unrecognized item types.

- Resolved an issue with PDF forms not indexing properly.

- Resolved an issue with RAR files with non-Latin file name entries not indexing properly.

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Searching

- Currency symbols like $, € and £, and other symbols like % and & are now preserved when encountered as part of a "word". This means that searching for $1000 will only find documents containing $1000, while searching for 1000 still matches with 1000, $1000, €1000, etc.

- A date search can now be restricted to specific days and/or time intervals. This makes it possible to search for emails sent during the weekend or outside of regular office hours.

- Every new case now has a number of default Saved Searches for finding items that potentially contain credit card and social security numbers, are potential junk mails or potentially contain email addresses in the item text. **Caution**: these searches are based on character patterns and keyword lists and may produce false positives and negatives.

- Show Conversation now also takes the In-Reply-To and References headers into account, making it possible to trace emails in a conversation where the subject line has been changed. The heuristics for finding matching subject lines have been improved.

- Added an Item ID Lists facet that can be used to search for items using a list of Item IDs.

- Added experimental support for searching with regular expressions.

- Resolved an issue with proximity queries being sensitive to the word order.

- Resolved an issue with phrase searches containing only a single term and using wild cards.

- Resolved an issue with EMF, OGG, FLAC and Adobe DNG files being placed in incorrect Type facet branches.

- Several minor stability refinements.

Results

- All Details views can now be deduplicated. Previously this was only possible in the table view.

- The Timeline view has received several improvements:
  - Added the ability to display phone calls, SMS and MMS messages.
  - Better layout, rendering and tooltips.
  - Added a Legend button.
  - Made the display of Sender headers optional. This simplifies the display of emails that have both a From and Sender header.

Previewer

- Replaced the ribbon at the top with a toolbar at the left, resulting in a more elegant and self-explanatory user interface.

- The Previewer can now loop over the items in all Details view. Previously this was only possible when launched from the table view.

- Lots of minor usability and stability refinements.

Exporting – General

- The Export window has been redesigned and now uses a wizard approach.
- Considerably extended the options for naming exported files and organizing them in folders.
- Made the set of properties that are exported to a PDF configurable.
- Added an option to the PDF export for listing all attachment file names on a single line, as part of the item properties.
- Items can now either be sorted using Intella's build-in sort routine (which involves item hierarchy and date), or by using the current sort order from the Details view. This affects various export types as well as all export reports.
- Greatly improved the speed of exporting of calendar items to a PST file.

Exporting – Load Files

- Added support for suppressing certain item types from being rendered in their native form when exporting to a Load File. This makes it for example possible to skip native view generation of all spreadsheet types.
- Added options for adding Bates Stamps to PDFs and extended the existing Bates Stamps functionality for Load Files.
- Made the date format used in Load Files configurable.
- Added "Comma Separated Values" as a fifth Load File format.
- Resolved an issue with the presence of newline characters in a Load File, rendering the file invalid.

TEAM

- Improved connection security between TEAM Manager and its TEAM Reviewers by replacing basic authentication with digest authentication.
- Keyword lists, MD5 and message hash lists, Item ID lists and Saved Searches are now stored in the shared case. Previously these were stored locally. After uploading, these lists can be used by all investigators connected to the case.

Upgrade Notes

Intella® 1.7 can open cases made with Intella® 1.6.x and 1.5.x. These cases require conversion before they can be opened.

- 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.

When converting a 1.5.x/1.6.x case, the pre-defined Saved Searches described above for finding credit card numbers, social security numbers etc. will be added to the new case.

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

Please back up your cases before converting them.