

Intella 1.6.1 Release Notes

Highlights

- This release is **backwards compatibility** with cases made with Intella 1.5.x.
- The Dongle Manager has been extended with **proxy support**.
- Added “**Smart Search**” functionality.
- Added a **case backup** feature that is optionally run when a case is closed.

General

- Resolved an issue with Intella failing to render its UI properly when viewed through a remote desktop connection (RDP).
- Various improvements to reduce the potential negative impact of virus scanners on Intella’s database files.
- Added links in the Help menu to the new Dongle Manager and the online Intella forum.
- A warning is now shown when opening a case whose case folder is not writable.

Translations

- The first time when a user starts Intella, a language chooser may pop up (depending on the Windows platform language), asking the user what display language to use.
- A message is displayed when an improved translation pack is found online for the currently used Intella version. This translation pack can be installed through the Preferences window.

License Management

- The Dongle Manager has been extended with support for proxies. This facilitates the use of this utility in most corporate environments.

Case Management

- Cases made with Intella 1.5.x can be opened in Intella 1.6.1. Intella 1.6 did not have this ability and would show these cases as disabled.
Before a 1.5.x case can be used in Intella 1.6.1, the case needs to be converted first. This process creates a duplicate of the case that is restructured so that it can be opened in 1.6.1. This way the old case is not altered in any way and can still be used by the 1.5.x versions. During the conversion process the data will be reindexed to benefit from all improvements that 1.6 and 1.6.1 have to offer. The time needed for this conversion is roughly the same as the amount of time needed for the original indexing.
- When closing a case, Intella offers the user to back up the case to the configured backup folder. This backup folder can be set in the Preferences. We recommend changing the default backup location to a folder on a separate physical disk.
- The Add Case dialog has been extended with a help dialog offering information on the best practices regarding hardware setup, especially for optimizing indexing performance.

Indexing

- Added preliminary support for indexing Oxygen cell phone dumps (version 4.x).
- Various improvements in indexing of XRY cell phone dumps.
- Improved the extraction of email senders and receivers of mails in a PST file, when the information in that PST file is inconsistent.
- A warning is now shown before indexing when the remaining free space of the disk holding the case folder is less than twice the size of the evidence data.
- M4R/M4A ringtone files are now detected and typed accordingly.
- Resolved an issue with incorrect Location values.
- The method for caching extracted items has been improved, providing better stability on very large cases.
- Tokenization improvements that improve search results on complex file names.
- Resolved an issue with indexing folders whose name contain an exclamation mark.
- Improved various logging messages, replacing long error stack traces with shorter and more meaningful errors and warnings.

Searching

- Speed improvements in the population of the Email Address and Author facets.
- Smart Search replaces the old near-duplicate search with an alternative that offers configurable settings, live result previews and explainable results.
- The node representing the “Others” branch in the Type facet can now also be used as a search criterion, allowing the user to gather all files with unusual types at once.

Results

- When previewing emails from PST files, the Raw Data tab in the Previewer shows the raw output of what has been extracted from the PST file, including lots of PST-specific fields. This information is also indexed and made searchable with keyword search.
- Usability improvements in the table sorting editor.

Tagging

- In some situations newly defined tags were not added to the Quick Tags buttons in the Previewer. This has been fixed.
- Tag descriptions (the optional field for documenting e.g. a tag’s intended purpose and usage) can now be changed.

Exporting

- When exporting the list of values of a given facet, the resulting CSV file now contains at least three rows: (1) facet value, (2) number of matching items in the entire case and (3) number of matching items in the current result set. This makes it unnecessary to do any searching before the overall counts in the case can be reported.
- Added options for controlling the contents of PDFs and TIFFs that are produced as part of a load file.

- The item IDs (numbers) introduced in Intella 1.6 are now used in export reports. They replace the URIs previously displayed here.
- Improved the reporting of export errors on items that are inherently not exportable, e.g. files embedded in encrypted ZIP files.
- Resolved an issue with the contents of PDF documents not being processed correctly when exporting to PDF. This only affected PDF documents that Intella classifies as Empty Document.
- Resolved an issue with messages attached to MSG and EML mails failing to export.
- Resolved an issue with items not opening properly after importing an ICF file.
- Resolved an issue with reviewer comments not being added to printed items.

TEAM

- Improved the usability of the case sharing setup dialog.
- Improved the usability of the remote case connection dialog.
- Added a version check when the Reviewer opens a connection to a shared case, so that the connection is only established when client and server use compatible protocols.
- Various improvements to the user event log in shared cases.

Upgrade Notes

Intella 1.6.1 can open a case made with Intella 1.6 and search and export items from it, without any need for case conversion or reindexing. Reindexing is only necessary when one wants or needs to make use of the indexing improvements or the new Raw Data tab in the Previewer.

Cases made with 1.5.x versions are shown in the Case Manager as needing conversion before they can be opened.

Cases made with older versions are not supported.