

Release Notes

Version: Information Management Platform 6.6

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Important Notices

- The installation package contains both the 32 and 64 bit version of the Information Management Platform and will automatically install the applicable version.
- The 32 bit version of our ZyLAB Information Management Service (hosting the TBIE index engine and the Content Access Service) is deprecated and will be removed in future versions.
- For installations in a network environment, all systems must use the same version (including possible hotfixes) of the Information Management Platform.
- Document Registration and the Business Process Automation Bundle still require the HAPI search and index engine.
- If you have an older version of the Audio Search Bundle (<1.2) installed it should be uninstalled before upgrading to Information Management Platform 6.6. The Audio Search Bundle 1.3 should be installed after this upgrade. Please make sure to remove any index.err files from your "<ZyLAB Data>\TBIE indexes" subfolders afterwards, otherwise those indexes cannot be opened after the upgrade.
- There is a known installation issue when upgrading from Information Management Platform versions 6.2, 6.2 SP1 and 6.2 SP2 on 64 bit systems that requires a repair to be manually triggered after the installation is done. Without this repair the ZyLAB Information Management Service will not be present. Alternative is to first upgrade to Information Management Platform 6.4 before upgrading to Information Management Platform 6.6

Features and Fixes

Features

Key	Component/s	Summary
SCAN-408	ZySCAN	ZySCAN should show a warning in the UI when we fail to acquire a license for the Global Professional OCR engine.
IM-7947	PlatformService	The TBIE indexing engine now also marks and logs the files that are only indexed on their meta data in its internal database.
IM-7765	Installation	Restructured the ZyLAB Data folder (TBIE related data is now stored in a SearchEngine sub folder).
IM-7704	Enterprise Webserver	Added the possibility to generate searchable PDFs and made them the default when downloading ZySCAN documents in the Enterprise Webserver.
IM-7679	Enterprise Webserver	Change and improved the column selection in the Enterprise Webserver.
IM-7645	PlatformService	Created a command line tool that exposes all functionality of the PlatformService (TBIE and Content Access) which can be used for diagnostics.
IM-7490	Search Engine	To prevent ER_REFINE errors during search we improved memory usage of very expensive wildcard queries and implemented a disk based option that can be used.
IM-7489	Search Engine	Implemented cache warm up options for TBIE indexes.
IM-7465	PlatformService	Made the PlatformService detect and not use corrupted indexes.
IM-7463	PlatformService	Improved PlatformService start up time by no longer blocking the service while checking indexes for consistency
IM-7446	Search Engine	Implemented much more extensive caching options for TBIE indexes (dictionaries, occurrence files).
IM-7431	Search Engine	Externalized more configuration options for SQLite to allow for better performance of the fields database (e.g. page cache).

Key	Component/s	Summary
IM-7340	Search Engine	Improved the performance of the within query implementation.
IM-7253	Enterprise Webserver	Implemented groups for fields in the field search tab of the Enterprise Webserver
IM-7230	Search Engine	Improved the performance of sequence queries by taking into account term frequencies
IM-7228	Search Engine	Improved the performance of searching from Legal Review by using more extensive caching
IM-7226	Enterprise Webserver	Added an option to start a new search or narrow the existing search on the meta data of a document in the result list of the Enterprise Webserver.
IM-7169	Search Engine	Implemented support for noise/stop words for TBIE indexes (by default there are none).
IM-7034	Search Engine	Implement an option to disable the construction of auxiliary structures to improve indexing speed (at the cost of certain search features).
IM-6996	Enterprise Webserver	Significantly improved performance and handling of documents in the document view of the Enterprise Webserver.
IM-6885	Distributed Search	Created an extensive UI to manage and monitor ZyLAB IM Platform Cluster environments (for distributed searching and indexing).
IM-6783	Search Engine	Implemented a more efficient regular expression search for TBIE indexes.
IM-6782	Search Engine	Improved performance of certain wildcard range searches (like [0-9][0-9][0-9]) for TBIE indexes.
IM-6180	Search Engine	Implemented a concept of search query priority to allow prioritization of queries for TBIE indexes.
IM-6178	Search Engine	Improved search performance by implementing caching on various levels during searching for TBIE indexes.
IM-4678	Search Engine	Implemented support for subquery caching (will benefit performance of queries that only changed certain subqueries) for TBIE indexes.
IM-4209	Search Engine	Implemented support for alternative tokenizers and added an implementation for a standard Unicode tokenizer for TBIE indexes.



Key	Component/s	Summary
IM-3729	Search Engine	Implemented and improved the performance of the Levenshtein automaton construction which results in more efficient fuzzy searching for TBIE indexes.
IM-2242	Search Engine	Updated the character mapping files of new indexes to improve usability, index size and search performance.

Fixes

Key	Case Number	Component/s	Summary
SCAN-444	00034792	OCR	Fixed an issue where barcodes recognized by the Global Professional OCR engine could appear in the wrong order.
SCAN-432	00034325	ZySCAN	Fixed a problem with updating fields when using export over HTTP from ZySCAN.
SCAN-431	00034251	ZySCAN	The ZySCAN batch conversion to tiff with option "Use file name to extract key fields" would apply the extracted fields to all documents in a job.
SCAN-423		ZySCAN	Fixed an error in our Pdf library when importing PDFs with ASCII85Decode containing 'z' data.
SCAN-422	00033234	OCR	Fixed a problem that could result in certain blocks of a document to not be OCRed by the Global Professional OCR engine.
SCAN-418	00033028	OCR	Implemented support in the Global Professional OCR Engine to delete Patch pages.
SCAN-417	00032901	OCR	Improved performance of barcode recognition when using the Global Professional OCR engine.
SCAN-415	00032059	ZySCAN	ZySCAN would always set the field value of a logical field always set to 'true'.
SCAN-414	00031786	ZySCAN	It was possible to export from ZySCAN when not all required fields were filled in.
SCAN-410		OCR	Fixed an issue that would cause OCR to fail when using certain language combinations.

Key	Case Number	Component/s	Summary
SCAN-75		ZySCAN	Language Detection did not work properly in ZySCAN when using Chinese as one of the languages.
SCAN-32		OCR	Barcode recognition did not work properly for 'Code 39 Extended' barcodes.
IM-8186	00034904	Enterprise Webserver	Using the option 'view PDF with Adobe' in the webserver caused the fields to not be displayed for HAPI indexes.
IM-8185		Search Engine	Fixed an issue with query parsing which would cause quorum queries with fields to give a 'Close brace expected' error.
IM-8163		Enterprise Webserver	The thumbnails and document previews were not working for certain image files (PNG, BMP, JPG) for HAPI indexes.
IM-7736	00034026	Enterprise Webserver	When a page was deleted from a ZySCAN document in a TBIE index it would give an error when viewing that document.
IM-7730		PlatformService	Improved error handling and logging in the ContentAccessService when no valid license was present for the Global Professional OCR engine.
IM-7727	00033882	Search Engine	Not all text was correctly indexed for certain ZySCAN documents in TBIE indexes which caused incorrect hit highlighting.
IM-7710		Search Engine	It was impossible to search on certain system fields on TBIE indexes.
IM-7703		Search Engine	Fixed an issue that would cause invalid hit highlighting for words surrounded by a hyphen and a new line.
IM-7681		Search Engine	Fixed an issue that would cause invalid hit highlighting for hyphenated words followed by a tab.
IM-7658	00033776	Enterprise Webserver	Incorrect results when sorting on a database field of a TBIE foreign key index in the Enterprise Webserver.
IM-7637	00033590	ZyFIND, Enterprise Webserver	Arabic documents (right-to-left scripts in a general) were not printed correctly.
IM-7598	00033470	Documentation	Fixed an error in the documentation that would cause French Canadian audio indexes to not work due to misconfiguration.



Key	Case Number	Component/s	Summary
IM-7582		PlatformService	Improved performance of document rendering when a documents contained a lot of (automatic) redactions.
IM-7479	00033085	Enterprise Webserver	SortMethod 'h' and 'n' did not actually sort properly for HAPI indexes in the Enterprise Webserver.
IM-7447	00032940	Enterprise Webserver	Deleting a family of documents from the Enterprise Webserver would not delete the Tiff representations (views) of documents.
IM-7329	00032586	SDK	Changed the way we use SQLite internally because it could conflict with 3rd party integrations using SQLite.
IM-7323		ZyFIND, Enterprise Webserver	TBIE indexes with an index title > 80 characters could cause an error when being opened.
IM-7318	00032460	ZyFIND, Enterprise Webserver	Fixed an issue with printing attachments from the result list in the table of contents (ToC).
IM-7306		ZyFIND, Enterprise Webserver	Fixed an issue that would give an error when opening the table of contents (ToC) of legacy (32 bit) HAPI indexes.
IM-7282	00032337	SDK	Fixed an issue with our SDK that would cause 3rd party integrations to give an error when importing documents to Audio indexes.
IM-7222	00032056	ZyTIMERService	The ZyTIMER component in ZyINDEX had an undocumented (and incorrect) dependency on .NET 3.5.
IM-7219	00031981 00033284 00034327 00032391 00034002	ZyTIMERService	ZyTIMERService would not run on a non-English OS.
IM-7163		Search Engine	Improved performance of document security when combined with database fields.
IM-7047	00031563	Enterprise Webserver	Fixed an issue that would cause an incorrect number of documents to be shown in Facets View of the Enterprise Webserver.

Key	Case Number	Component/s	Summary
IM-7045	00031561	Enterprise Webserver	Implemented a back button when opening documents from time line in the Enterprise Webserver.
IM-7033		Enterprise Webserver	When doing a field search and then refining the result on the same field the Enterprise Webserver would not show any results anymore.
IM-7029		ZyTIMERService	Fixed an issue with ZyTIMERService that would cause it to stop indexing (with no error) when an index was missing.
IM-7019		ZyFIND, Enterprise Webserver	Txt/tiff documents would not show hits after they were exported from ZySCAN to a TBIE index.
IM-5366		Installation	Improved the installation to actually check the provided account for validity.
IM-5331		ZyFIND, Enterprise Webserver	Fixed an issue where the hit density of search results could be smaller than 0.
IM-5283		PlatformService	Improved performance of multipage tiff generation (used by Legal Production).
IM-4513	00017417	ZyPUBLISH	Fixed an issue with the table of contents (ToC) of a published indexes that would not show fields.
IM-4286		Search Engine	Fixed an issue in the query parser that caused certain 'term proximity' queries to not work correctly (for both TBIE and HAPI indexes).
IM-4158	00015579	Enterprise Webserver	Implemented improved image zooming capabilities in the Enterprise Webserver (it was impossible to zoom in for certain images).
IM-3505		ZyINDEX	Removed the limitation of having a maximum of 1024 indexes in the index list.
IM-3216		Enterprise Webserver	Fixed an issue with Email attachment functionality not working correctly in the Enterprise Webserver for TBIE indexes.
IM-143	00032735 00034098	Security	Increased the maximum length of usernames from 32 to 100 characters.