Perceptive Enterprise Search

Release Notes

Version: 10.4

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Lexmark™ Enterprise Software
formerly Perceptive Software

Table of Contents

Perceptive Enterprise and Perceptive Workgroup Search 10.4 Release Notes

Perceptive Enterprise Search is a web-based application that provides secure, unified information access to your content across diverse enterprise systems. Perceptive Enterprise Search makes it simple, straightforward, and quick for users to locate key information. Users can rapidly access the information they need and then take action, such as completing a task or advancing a business process. Additionally, with faceted navigation, conversational search, natural language support and other intuitive features, users do not need to enter perfect queries to get the right results.

This release contains the following versions.

- Perceptive Enterprise Search (formerly ISYS Enterprise Server), 10.4

- Perceptive Workgroup Search (formerly ISYS Workgroup), 10.4

If you are upgrading from a previous version of Perceptive Enterprise Search or Perceptive Workgroup Search, refer to the appropriate Perceptive Search Installation, Upgrade, and Setup Guide, and follow the instructions to preserve your indexes, sites, and settings.

The following enhancements and updates are included in this release.

New Features for Perceptive Enterprise Search 10.4

Expanded WebAPI

- The ISYSwebAPI provides an integration point to allow documents and contents to be added to an index. The API has been expanded:

  - Index Creation and Templates – allows your application to programmatically create a new index, based off predefined, customizable templates.

  - Auto-provisioning – will automatically create a new index on first use. This means your application does not need to create an index before starting to push content.

  - Index templates – allows you to create common rules and configuration patterns for an index on the server, and then use these templates when creating an index.

  - Improved Unicode support – the API has been expanded to handle Unicode in all fields, not just metadata and document body.

  - NEW! Node.js binding – allows for faster and easier integration.

  - NEW! Command line tools – part of the Node.js package, the command-line tools allow you to interact with the ISYSwebAPI without writing a line of code.

Update search website

- The Search website has been updated with a new look, while maintaining the original content and functionality.

Updated admin website

- The Admin website has been updated with a new look, while maintaining the original content and functionality.

New ResearchAcclerator

- Perceptive Enterprise Search 10.4 introduces the new ResearchAccelerator based on the Perceptive Experience platform.

  - Flexible layout – choose how you want to use the product. Result lists, document preview, and refinement can be positioned to your own liking.

  - Work with large data-sets – infinite scroll, flagging, and macros allow you to work with large data-sets directly from the browser. Easily find, flag, and extract thousands of documents with a few clicks.

Other Enhancements

- Over 500 engineering improvements and bug fixes to extraction capabilities, performance, viewing, and user experience.

Updates

- Resolved a condition where the service may crash if an index name is too long. (FB9809)

- Removed ability to be able to delete the admin site. (FB9804)

- Resolved a condition where the permissions webpage may not render after creating and then deleting a permission. (FB9800)

- Resolved a condition where word highlighting may be incorrect with NGRAMS enabled. (FB9790)

- Resolved a condition for Admin website where the "Licensed To" field may not render correctly. (SF01289033 / FB9766)

- Resolved a condition where logging out with Basic authentication may cause a redirect loop. (FB9764)

- Resolved a condition where documents in a secured index may fail to load. (FB9762)

- Removed support for Yahoo! News federator. (FB9761)

- HD Mode: Resolved a condition for MS Excel files where fractions may not render correctly. (SF01287095 / FB9760)

- HD Mode: Resolved a condition for MS Excel .XLS files where files containing brackets may hang during extraction. (SF01287137 / FB9759)

- Resolved a condition where indexes with Unicode names may not index correctly when launched from Internet Explorer. (FB9739)

- Removed support for LinkedIn social integration. (FB9734)

- HD Mode: Resolved a condition for MS PowerPoint files where page/slide numbers may not render correctly. (FB9729)

- Resolved a condition for the Result Lists Maintenance Cleanup Service where setting the number of hours may incorrectly set the number of minutes. (SF01261618 / FB9728)

- HD Mode: Resolved a condition for .EMF files where mirrored vector graphics may not render correctly. (FB9726)

- HD Mode: Resolved a condition for MS Word files where extraction may result in an erroneous "Page limit exceeded" error. (SF1275155 / FB9720)

- Text Mode: Resolved a condition for corrupt .EML files where body text may incorrectly render in metadata. (SF1273604 / FB9718)

- HD Mode: Resolved a condition for MS PowerPoint .PPT/.PPS files where a table with an unequal number of rows may cause an access violation. (SF01272085 / FB9716)

- Removed support for the YouTube federator. (FB9715)

- HD Mode: Resolved a condition for PDF files where hit-by-hit navigation may not work correctly. (SF01261873 / FB9714)

- HD Mode: Resolved a condition for PDF files where the horizontal alignment of text may not highlight correctly. (SF01261873 / FB9713)

- Resolved a potential "HwIndex-03" error when calling Process_Transactions(). (SF1269541 / FB9711)

- HD Mode: Resolved a condition for MS Word .DOCX files where images may render off the page due to incorrectly applied text wrapping. (FB9697)

- HD Mode: Resolved a condition where WINMAIL.DAT files may not extract correctly. (SF1258500 / FB9688)

- HD Mode: Resolved a condition for WordPerfect files where bullets/check marks may not render. (SF1195067 / FB9680)

- HD Mode: Resolved a condition for MS PowerPoint files where images may not render with the correct rotation. (FB9674)

- HD Mode: Resolved a condition for MS Visio files where .EMF images may not render correctly on non-Windows platforms. (FB9672)

- HD Mode: Resolved a condition for MS PowerPoint .PPTX files where placeholder styles may not process correctly. (FB9670)

- HD Mode: Resolved a condition for WordPerfect files where white space may highlight incorrectly. (SF1195067 / FB9665)

- HD Mode: Added the ability to process Duotone, Brightness, and Contrast color modifications in MS Office file formats. (FB9664)

- HD Mode: Resolved a condition for MS Office files where bracket and double bracket shapes may not render correctly. (FB9661)

- HD Mode: Resolved a condition for MS PowerPoint files where the theme may not apply correctly. (FB9657)

- Resolved a condition for Ichitaro files where text may not extract. (SF01243242 / FB9656)

- Resolved a condition where Chinese characters may not render correctly in PDF output mode. (FB9654)

- HD Mode: Resolved a condition for MS PowerPoint files where default text styles may not apply correctly. (FB9653)

- Resolved a condition for .MSG files where "From" metadata may not extract correctly. (SF01243538 / FB9652)

- HD Mode: Resolved a condition for WordPerfect files where table spacing may not render correctly. (SF1195067 / FB9651)

- HD Mode: Resolved a condition for MS Excel files where dates may not render correctly or may be missing. (SF1240123 / FB9644)

- HD Mode: Resolved a condition for charts where legends may incorrectly render horizontal instead of vertical. (FB9642)

- HD Mode: Resolved a condition for MS PowerPoint files where text borders may incorrectly render. (FB9637)

- HD Mode: Resolved a condition for MS PowerPoint files where line spacing may not render correctly. (FB9636)

- HD Mode: Resolved a condition for charts where text labels may incorrectly render as numbers. (FB9635)

- HD Mode: Resolved a condition for MS PowerPoint files where images may incorrectly stretch. (FB9634)

- HD Mode: Resolved a condition for MS PowerPoint .PPTX files where image transparency may not render correctly. (FB9633)

- HD Mode: Resolved a condition for .MSG files where keyword metadata values may have extraneous commas. (FB9632)

- HD Mode: Resolved a condition for .MSG files where the keywords metadata field may not render correctly. (FB9631)

- HD Mode: Resolved a condition for .EMLX files where content may not render correctly. (FB9630)

- HD Mode: Resolved a condition for .EML files where content may not render correctly. (FB9629)

- HD Mode: Resolved a condition for charts where data labels may not render correctly. (FB9628)

- HD Mode: Resolved a condition for MS Excel files where cell lines may not render correctly. (FB9627)

- HD Mode: Resolved a condition for WordPerfect files where table cell values may not align correctly. (FB9625)

- HD Mode: Resolved a condition for WordPerfect files where text may incorrectly overwrite images. (FB9624)

- HD Mode: Resolved a condition for WordPerfect files where header text may not render correctly. (FB9623)

- HD Mode: Resolved a condition for MS Project files where metadata may contain extraneous characters. (SF1232292 / FB9620)

- HD Mode: Resolved a condition for WordPerfect files where page numbering may not render correctly. (SF1195037 / FB9618)

- HD Mode: Resolved a condition for PDF files where conversion to HTML5 may not complete. (SF1214430 / FB9612)

- Added the ability to extract Duration metadata from .WAV files. (SF01231092 / FB9611)

- HD Mode: Resolved a condition for StarOffice .SXW files where content may not render. (SF9606 / FB9609)

- HD Mode: Resolved a condition for StarOffice .SXW files where content may not render correctly. (FB9608)

- HD Mode: Resolved a condition for StarOffice .SXC files where content may not render. (FB9606)

- HD Mode: Resolved a condition for charts where automatically generated titles may not render. (FB9599)

- HD Mode: Improved scaling of embedded EMF/WMF images. (FB9598)

- HD Mode: Resolved a condition for .EML files where quotation marks may not render correctly. (SF01201153 / FB9595)

- HD Mode: Resolved a condition for .EML files where inline images may incorrectly show as Attachments. (SF1194085 / FB9594)

- Added extraction and HD support for MS Outlook for Mac 2011. (FB9592)

- HD Mode: Resolved a condition for MS Visio files where text may apply z-order incorrectly. (FB9591)

- HD Mode: Resolved a condition where .RTF files may not render correctly. (SF01225111 / FB9590)

- HD Mode: Resolved a condition for MS Word files where strikethrough text may not render correctly. (FB9580)

- HD Mode: Resolved a condition for MS PowerPoint .PPT files where hidden objects may not recognize the SHOWHIDDEN setting. (FB9578)

- HD Mode: Resolved a condition for .EML files where 7-bit encoded non-US character sets may not decode correctly. (SF01177594 / FB9576)

- HD Mode: Resolved a condition for MS PowerPoint files where table cells may not render correctly on subsequent page loads. (FB9575)

- HD Mode: Resolved a condition for MS PowerPoint files where bullet colors may not render correctly. (FB9574)

- HD Mode: Resolved a condition for MS PowerPoint files where background colors may not render correctly. (FB9572)

- Resolved a condition for legacy MS Excel files where extraction may result in Error Code 4. (SF01220284 / FB9571)

- HD Mode: Resolved a condition for MS PowerPoint files where hidden text may incorrectly show. (FB9567)

- HD Mode: Resolved a condition for .MSG files where inline images may not render correctly. (SF1218715 / FB9566)

- HD Mode: Resolved a condition for HTML files where Unicode characters may not render correctly. (SF01218855 / FB9565)

- HD Mode: Improved handling of gradient colors in MS Excel charts. (FB9564)

- Resolved a condition for MS Excel files where shapes may not render correctly in Classic HTML. (SF01216843 / FB9559)

- HD Mode: Resolved a condition for charts where disabled legends may incorrectly render. (FB9554)

- HD Mode: Resolved a condition for WordPerfect files where images may not render correctly. (FB9550)

- HD Mode: Resolved a condition for MS PowerPoint files where table cell height may not render correctly. (FB9546)

- Resolved a condition for .MHT files where metadata may not render. (SF01213375 / FB9544)

- HD Mode: Resolved a condition for MS PowerPoint files where title text may not render correctly. (FB9542)

- HD Mode: Resolved a condition for MS PowerPoint files where hyperlink text may not render correctly. (FB9540)

- Resolved a condition where proximity operators may not work on HD-indexed formats. (SF01212186 / FB9538)

- HD Mode: Resolved a condition for MS Excel files where cell contents may be cut off by the grid lines. (SF1199488 / FB9537)

- HD Mode: Resolved a condition for charts where axis titles may not render correctly. (FB9536)

- HD Mode: Resolved a condition for .ICS files where metadata begin markers may not be present. (FB9535)

- HD Mode: Resolved a condition for .MSG files where the To and CC fields may not render. (SF01208386 / FB9532)

- HD Mode: Improved conversion logic for .EML files by adding an Attachments field. (SF1194018 / FB9531)

- HD Mode: Resolved a condition for .MSG files where JPEGs may not extract. (SF1194085 / FB9530)

- HD Mode: Resolved a condition for PDF files where spaces may not render in HTML5. (SF01204232 / FB9529)

- HD Mode: Resolved a condition for MS PowerPoint files where text borders may not render. (SF01196782 / FB9525)

- HD Mode: Resolved a condition for WordPerfect files where footnotes may not render correctly. (SF1195059 / FB9523)

- Resolved a condition where creating a SearchTrends database with MSSQL 2012 server would result in an error. (FB9522)

- HD Mode: Resolved a condition for WordPerfect files where text columns may not render correctly. (SF1195071 / FB9521)

- Text mode: Resolved a condition for AutoCAD .DWG files where extraction may fail. (SF1200957 / FB9520)

- HD Mode: Resolved a condition for .EML files where special characters may not render. (SF01201203 / FB9518)

- HD Mode: Resolved a condition for WordPerfect files where tables may not render correctly. (SF1195067 / FB9514)

- Resolved a condition for .MSG files where keyword metadata may not render. (FB9513)

- HD Mode: Resolved a condition for MS PowerPoint files where text box borders may not render correctly. (SF01196765 / FB9512)

- HD Mode: Resolved a condition for WordPerfect files where footers may not render. (SF1195037 / FB9506)

- HD Mode: Resolved a condition for MS Excel files where chart labels on the horizontal and vertical axes may not render correctly. (SF01194065 / FB9505)

- HD Mode: Resolved a condition for MS Excel files where table headers may incorrectly overlap. (SF01194073 / FB9504)

- HD Mode: Resolved a condition for MS PowerPoint files where background images may incorrectly render outside of shape boundaries. (SF01199028 / FB9503)

- HD Mode: Resolved a condition for MS PowerPoint files where background images may not render correctly. (FB9498)

- HD Mode: Resolved a condition for MS Word files where extraneous text may render in footers. (SF1194079 / FB9495)

- HD Mode: Resolved a condition for MS Word files where images/graphics may not render. (SF1194046 / FB9491)

- HD Mode: Resolved a condition for MS Word files where images/graphics may not render. (SF01194041 / FB9490)

- HD Mode: Resolved a condition for MS Word files where footers may not render correctly. (SF1194076 / FB9487)

- HD Mode: Resolved a condition where converting files to HTML5 with external images, may not create an external image file. (SF01127057 / FB9485)

- HD Mode: Resolved a condition for WordPerfect files where headers may not render. (SF01195040 / FB9484)

- HD Mode: Improved logic for rendering older versions of SmartArt in MS PowerPoint files. (SF01194621 / FB9477)

- HD Mode: Resolved a condition for MS Word files where hyperlinks may not appear as hyperlinks. (SF1106944 / FB9472)

- HD Mode: Resolved a condition for MS PowerPoint files where bullet lists may incorrectly render as number lists. (FB9471)

- Resolved a condition where the Twitter ContextCog may not display feeds. (FB9468)

- Resolved a condition for PDF files where text extraction may crash. (SF01184333 / FB9467)

- Text Mode: Resolved a condition for .EML files where attached .MSG files may not render correctly. (SF01177617 / FB9464)

- HD Mode: Resolved a condition for MS PowerPoint files where bullet list line height may be incorrect. (FB9459)

- HD Mode: Resolved a condition where email (.EML) files with accented characters may not render correctly. (FB9444)

- Resolved a condition where Korean characters may not index correctly when HTML Metadata is selected as a document format. (SF01155018 / FB9441)

- HD Mode: Resolved a condition where email metadata may not be present. (FB9440)

- Improved SharePoint indexing performance. (FB9437)

- HD Mode: Resolved a condition for MS Excel files where headers may not scale correctly. (SF1165908 / FB9432)

- Resolved a condition where the default settings for Thesaurus may not work properly. (FB9430)

- Resolved a condition where documentation customization may not work correctly with the inline viewer. (FB9428)

- Resolved a condition where the Sign Out button may not work on the IIS website. (FB9424)

- HD Mode: Resolved a condition for MS Word files where inline images may be missing after conversion to HTML5. (SF01160780 / FB9422)

- HD Mode: Resolved a condition for MS Word files where lines may be incorrectly drawn over text boxes. (FB9420)

- HD Mode: Resolved a condition for MS Word files where text may be incorrectly positioned under images. (FB9419)

- Resolved a condition where "Forms Challenge Mechanism" dialog had overlapping text. (FB9418)

- HD Mode: Resolved a condition for MS PowerPoint files where shapes may be missing solid fills. (FB9415)

- HD Mode: Resolved a condition for MS PowerPoint files where conversion may fail due to "invalid string position" error. (SF01154769 / FB9412)

- Resolved a condition where Twitter context cog feeds may not render correctly. (FB9411)

- Resolved a condition where the Twitter context cog may not load. (FB9410)

- HD Mode: Resolved a condition for MS PowerPoint files where gradient backgrounds may not render properly. (FB9409)

- Resolved a condition for 64-bit MS Outlook where Workgroup may not index emails. (FB9407)

- Resolved a condition where multiple levels of sub-files may cause a critical error when indexed via Transactions/WebAPI. (FB9404)

- HD Mode: Resolved a condition for MS PowerPoint files where the solid fill of a text box may not render. (SF1155901 / FB9403)

- HD Mode: Resolved a condition for MS PowerPoint files where Text Box margins may be incorrect. (SF1154767 / FB9402)

- Resolved a condition for PDF files where extraction may result in an Access Violation error. (SF1155846 / FB9401)

- HD Mode: Resolved a condition for MS PowerPoint files where vertical alignment may be incorrect, causing text to overlap. (SF1154767 / FB9399)

- HD Mode: Resolved a condition for MS PowerPoint files where Text Box fill color may not render correctly. (FB9397)

- HD Mode: Resolved a condition for MS Excel files where chart items may be disordered in the legend. (FB9396)

- Resolved a condition where text files may be misidentified. (FB9393)

- HD Mode: Resolved a condition for MS PowerPoint files where embedded EMF/WMF files may render with an incorrect background. (SF1147424 / FB9389)

- Added the ability to open a parent .MSG file directly from an email attachment. (SF01143478 / FB9388)

- Resolved a condition where MS Works Spreadsheets files may be recognized as an incorrect file type. (SF1143781 / FB9386)

- Resolved a condition where indexing may hang during ODBC index creation. (FB9384)

- HD Mode: Improved .PNG file output control by adding pHYs headers (Physical Pixel Dimensions) to output. (SF1135131 / FB9383)

- HD Mode: Resolved a condition for MS Excel files where large numbers of empty rows may appear in the output. (SF1133804 / FB9380)

- Resolved a condition where titles may not be identified. (FB9370)

- HD Mode: Resolved a condition for MS PowerPoint files where headers and footers on slide notes pages may not render. (FB9367)

- Resolved a condition where results for Contacts Context Cogs may not appear for 64 bit. (FB9366)

- HD Mode: Improved page clipping and overflowing for OpenOffice .ODS documents. (FB9365)

- MS Excel metadata field "Last Saved By" renamed to "Last Accessed By." (SF1129865 / FB9363)

- Resolved a condition for Social Explorer where the Facebook login status may not be set correctly. (FB9362)

- Resolved a condition where excessive CPU and RAM usage may occur on corrupt indexes. (FB9360)

- Resolved a condition where certain documents may cause an access violation in PES: Anywhere. (FB9359)

- HD Mode: Resolved a condition for .MHT files where embedded images may be missing. (SF01127057 / FB9358)

- Resolved a condition where the Twitter ContextCog may inadvertently show a "This page cannot be displayed" error. (FB9354)

- Resolved a condition where adding files to an index through scripting rules may result in an Invalid Pointer Operation error. (FB9348)

- Resolved a condition where index lists may not load if comments exist in the Index section of the ISYSweb.cfg. (FB9347)

- Resolved a condition for PDF files where conversion with OCR enabled may lead to image rotation and failed extraction. (SF1122485 / FB9345)

- HD Mode: Resolved a condition for MS PowerPoint files where blank pages may render when the SLIDE_NOTES option was enabled. (FB9344)

- Resolved a condition where ContextCogs may not work as intended. (SF01118846 / FB9342)

- Improved topic-based user help for Federators. (FB9340)

- Improved tagging of slide notes and slide comments in HTML5, XML, and Classic HTML. (FB9337)

- Resolved a condition where MBOX/Sendmail files may be misidentified as .EML files and therefore slow to extract. (SF1112548 / FB9336)

- Resolved a condition for MS Word files where footnote numbering may render incorrectly. (FB9335)

- Resolved a condition where the Anywhere site may not display the correct number of search results per page. (FB9334)

- Resolved a condition where preferences in the Anywhere site would redirect to the wrong location. (FB9333)

- Resolved a condition where MS Word files may fail to extract when multiple graphics on a page are anchored to paragraphs and have negative vertical position. (SF1113563 / FB9332)

- HD Mode: Resolved a condition for MS Word (.DOC) files where file hyperlinks may not appear. (SF1106944 / FB9329)

- HD Mode: Resolved a condition for MS Word (.DOCX) files where file hyperlinks may not appear. (SF1106944 / FB9328)

- HD Mode: Resolved a condition for MS PowerPoint files where top and bottom cell margins may not be considered in cell spacing and alignment. (FB9327)

- Resolved a condition where sorting by Best Match multiple times may produce different results. (SF01074896 / FB9324)

- Resolved a condition where indexes may return an incomplete list if an XML comment appears somewhere inside the Indexes node. (FB9316)

- HD Mode: Resolved a condition for MS Excel files where SHOWHIDDEN=OFF may not hide cells correctly. (SF1082354 / FB9315)

- Resolved a condition for Ichitaro files (.JTD) where processing Japanese text may render missing characters. (SF1065424 / FB9310)

- Resolved a condition for Ichitaro files (.JTD) where processing Japanese text may render missing characters.. (SF1065424 / FB9309)

- HD Mode: Resolved a condition for MS Word files where tables may render off the page causing data loss. (FB9307)

- Resolved a condition where the 2013 SharePoint federator may not connect. (FB9303)

- HD Mode: Resolved a condition for MS PowerPoint .PPTX files where rendered slides may contain an incorrect background. (FB9302)

- HD Mode: Resolved a condition for MS Word files where images in the header and/or footer were rendered on top of the text. (FB9301)

- HD Mode: Improved efficiency when processing MS PowerPoint files by internally re-using Master Slide images. Previously, the Master Slide images would be re-processed for each slide that used them. (FB9300)

- Resolved a condition where the Sign Out link may not be visible after accessing the default website. (FB9298)

- HD Mode: Resolved a condition for OpenOffice .ODS files where the DPI setting may negatively affect image size and cropping. (FB9297)

- HD Mode: Resolved a condition for MS Excel files where scaling may be incorrect for files in landscape orientation. (SF1069621 / FB9296)

- HD Mode: Resolved a condition for MS PowerPoint files where footer information extracted into structured-XML format rendered incorrectly. (SF1063757 / FB9295)

- Resolved a condition where the SearchTrends maintenance page may display a 'successfully connected' message even if it hasn't verified that the required database still exists. (FB9292)

- Resolved a condition where the themes path was not respected by ISYSweb.cfg. (FB9291)

- HD Mode: Improved processing of MS PowerPoint files to correctly create tables in output, rather than creating separate floating shape objects. (FB9287)

- HD Mode: Resolved a condition for MS Excel files where footer information extracted into structured-XML format rendered incorrectly. (SF1063757 / FB9281)

- Resolved a condition for MS Access files where numbers and dates may be inconsistently formatted across platforms. (FB9280)

- HD Mode: Resolved a condition for MS Excel and PowerPoint files where custom metadata properties were not extracted. (SF01061362 / FB9273)

- Resolved a condition for PDF files where accented characters within annotations may render incorrectly. (SF1033790 / FB9272)

- Resolved a condition where ContextCogs may not work. (FB9271)

- Resolved a condition where the Thesaurus option may not work properly in IIS. (FB9268)

- Resolved a condition where .msg files with file names that contain a forward slash may not export from .pst files. (SF01052462 / FB9267)

- Resolved a condition for .MHT files where they may be identified as .EML. (SF1051453 / FB9266)

- Improved conversion from MS Excel to Classic HTML by rendering table height. (SF1048824 / FB9261)

- Resolved a condition for MS Word files where uppercase fonts may not render correctly. (FB9258)

- Improved support of text files with non-Western encoding. (SF1037474 / FB9255)

- Improved detection support for CPIO files. (FB9254)

- Resolved a condition where Adobe Illustrator was incorrectly listed as an indexable document format. (FB9253)

- Resolved a condition where ISYS ASCII Transcripts may not be identified correctly. (FB9252)

- Resolved a condition where some files may be incorrectly recognized as MP3. (FB9250)

- Resolved a condition where files with Unicode names may not extract from ALZ or EGG archives. (SF1016473 / FB9249)

- Resolved a condition where images without extensions may not display correctly in the preview. (SF970080 / FB9244)

- Resolved a condition for MS PowerPoint files where images may convert with missing colors. (SF01017424 / FB9242)

- Resolved a condition for PDF files where generated embedded image quality may decrease. (SF1015936 / FB9241)

- Resolved a condition for MS PowerPoint files where embedded charts or spreadsheets may not extract correctly. (SF1015335 / FB9237)

- Resolved a condition for MS Word files where Russian metadata may extract incorrectly. (SF983287 / FB9234)

- Resolved a condition for MS Word files where extracting documents with embedded sub-files may incorrectly output extra/hidden sub-file content. (SF983506 / FB9232)

- HD Mode: Added the ability in MS PowerPoint files to render comments with the SLIDE_COMMENTS option. (FB9228)

- Added the ability for HTML file titles to be added to the metadata section rather than the body section. (SF983403 / FB9223)

- Resolved a condition for MS Word files where soft hyphens may be incorrectly extracted. (SF983286 / FB9222)

- Resolved a condition for MS Excel files where images converted to classic HTML may incorrectly overlap the toolbar while scrolling. (SF00985437 / FB9221)

- Resolved a condition for MS Word 97 files where linked documents may not extract successfully. (SF983390 / FB9220)

- Resolved a condition for OpenOffice ODT files where metadata values may not output correctly. (SF983435 / FB9219)

- Updated https crawler order of preference to TLS 1.2, TLS 1.1, TLS 1.0, SSLv3, SSLv2 respectively. (SF986644 / FB9218)

- Resolved a condition for MS Excel files where custom property field names may incorrectly render spaces as erroneous characters. (SF983242 / FB9217)

- Resolved a condition for HTML files where embedded base64 sub-files may not extract. (SF983226 / FB9216)

- Resolved a condition for MS Excel files where content spanned across two pages may be duplicated. (SF980022 / FB9215)

- HD Mode: Resolved a condition for MS Word files where HD HTML output may incorrectly show field codes. (FB9213)

- Resolved a condition for MS PowerPoint files where embedded OLE objects may sometimes not be identified correctly when extracting sub files. (SF971353 / FB9210)

- Increased the memory limit for processing Excel files (SF959372 / FB9209)

- HD Mode: Reduced output file size when converting documents to PDF. (SF00953420 / FB9207)

- Resolved a condition for Social Explorer where enabling integration for Facebook and LinkedIn was incorrectly dependent on enabling integration for Flickr. (FB9206)

- Resolved a condition where the Facebook login and logout buttons may show at the same time. (FB9204)

- Resolved a condition where an SQL index may not be completed using the ODBC driver. (FB9203)

- Resolved a condition for JPG files where Cyrillic metadata may not extract properly. (SF00942522 / FB9200)

- HD Mode: Resolved a condition for MS Word DOCX files where hyperlinks may not work in HTML and HTML5 output. (SF955228 / FB9198)

- Removed support for Encyclopedia Britannica and Globalbrain as federated sources. (FB9196)

- Resolved a condition where PDF documents may not extract correctly if page orientation changed. (SF952222 / FB9195)

- Improved the built-in support for Wingdings, Wingdings 2, and Webdings fonts and now map them to Unicode equivalent characters. (FB9194)

- Resolved a condition where processing a corrupt WMV may result in an out of memory error. (SF951680 / FB9193)

- Text Mode: Resolved a condition where extracted text of PDF annotations may contain unreadable characters. (FB9191)

- Resolved a condition for MS Excel and PowerPoint files where the query hit text at the top of document previews may be hidden by the TOC navigation bar. (SF947885 / FB9189)

- Resolved a condition where apostrophe characters in EML files may not render correctly. (SF946163 / FB9187)

- Resolved a condition where big-endian text files may not convert correctly. (FB9184)

- Updated Classic HTML output for Microsoft Word Documents (DOC,DOCX) to remove global DIV style that may impact rendering of other elements. (SF943780 / FB9183)

- Resolved a condition where Microsoft PowerPoint (PPT) generated to Classic HTML, may obscure the scroll bar when it has a large number of slides. (SF00935590 / FB9181)

- Resolved a condition where Microsoft Excel (XLS) files may not extract successfully using EXCELMODE=CSV. (SF00935784 / FB9180)

- HD Mode: Resolved a condition where pie charts with a single value rendered nothing in the plot area. (FB9178)

- Resolved a condition where searching for a term appended to an insignificant character may cause an error. (SF937563 / FB9176)

- Resolved a condition where dates in the date bar may not align properly. (FB9174)

- HD Mode: Resolved a condition where Microsoft Word documents converting to HD may sometimes omit the second page. (SF843466 / FB9173)

- Resolved a condition where some MS Excel (XLS) files could take significant time to process, appearing to hang. (SF935852 / FB9172)

- Resolved a condition where text in Microsoft PowerPoint (PPT) files may overlap when rendered to Classic HTML. (SF936468 / FB9171)

- Resolved a condition where deleted markup was sometimes not removed from MS Word files. (FB9170)

- HD Mode: Resolved a condition where RTF did not correctly process highlighted text. (FB9168)

- HD Mode: Resolved a condition for horizontal bar charts where data labels may not render correctly. (FB9163)

- HD Mode: Resolved a condition for MS Excel files where charts may render with category labels missing. (FB9158)

- Resolved a condition where footnotes in MS Word may not render correctly in HTML5. (FB9157)

- HD Mode: Resolved a condition for MS Word where end notes may appear at the end of a section rather than the end of a document. (FB9155)

- HD Mode: Resolved a condition for MS PowerPoint files where top-aligned text may render incorrectly as uppercase. (FB9154)

- HD Mode: Improved placement of Footnotes when processing MS Word documents. (FB9150)

- Resolved a condition where spacing in SGML files was not rendered correctly. (FB9146)

- Resolved a condition where processing a Microsoft Project (MPP) file may result in a "Property size too big" error. (SF931656 / FB9142)

- Resolved a condition for MS Word documents where text in Arabic may not render correctly. (FB9141)

- Resolved a condition where HTML documents processed in text-only mode may contain too much whitespace. (SF927994 / FB9140)

- HD Mode: Resolved a condition where tables in MS Word might not render correctly. (FB9139)

- HD Mode: Resolved a condition for MS PowerPoint files where substituted fonts caused text to render too wide. (FB9137)

- HD Mode: Resolved a condition for OpenOffice .ODT files where bullets may not render correctly. (FB9135)

- HD Mode: Resolved a condition for OpenOffice ODS files where charts and images may incorrectly stack. (FB9130)

- HD Mode: Resolved a condition for OpenOffice .ODS files where some cell format settings may not render correctly. (FB9129)

- HD Mode: Improved OpenOffice master styles logic to properly resolve inherited text and paragraph styles. (FB9124)

- HD Mode: Improved rendering of footers in OpenOffice ODP files. (FB9123)

- HD Mode: Resolved a condition for OpenOffice .ODP files where text boxes containing subscripts may render text incorrectly. (FB9122)

- HD Mode: Resolved a condition for MS Excel files where column borders may not render correctly in HTML5. (FB9119)

- Resolved a condition where the ID of a sub-file would sometimes return with a null ID. (SF923592 / FB9116)

- Improved handling of sub-file extraction of OLE based documents (Microsoft Office 97-2003). (SF923513 / FB9115)

- Resolved a condition where column separators in MS Word might not render correctly. (FB9113)

- HD Mode: Resolved a condition for MS PowerPoint files where tables rendered with incorrect font styles. (FB9112)

- HD Mode: Resolved a condition where text in MS PowerPoint tables would sometimes incorrectly render in center vertical alignment rather than correctly in top vertical alignment. (FB9111)

- HD Mode: Resolved a condition where substituted fonts in MS PowerPoint would sometimes cause paragraph spacing issues. (FB9110)

- HD Mode: Resolved a condition where some MS Office-embedded EMF images would not render. (FB9109)

- Resolved a condition where some ZIP files would not extract correctly. (SF923587 / FB9103)

- HD Mode: Resolved a condition where exporting .DWG files with multiple sheets only rendered the first sheet. (SF924320 / FB9102)

- Resolved a condition where word spacing following a new line may be incorrect when extracting RTF documents to text. (SF923584 / FB9101)

- Resolved a condition where text extraction may fail for .ONE files. (SF923550 / FB9100)

- Resolved a condition where .GZ files may fail to extract. (SF923516 / FB9096)

- Resolved a condition that may result in an access violation when processing an XML document. (SF923521 / FB9095)

- Resolved a condition where RTF incorrectly reported false on getSupportsSubFiles. (SF908246 / FB9094)

- Resolved a condition where enabling the Thesaurus in Preferences may not work properly. (FB9093)

- Resolved a condition where filtering search results on the timeline for a specific year may not work correctly. (SF901152 / FB9092)

- Resolved a condition where RequestDocument may fail with invalid pointer operation. (FB9091)

- HD Mode: Resolved an issue that caused some WMF images to not render correctly. (SF00721653 / FB9090)

- Resolved a condition where hit-highlighting and text selection may not work for PDF files converted to HD HTML. (SF903976 / FB9089)

- Added support for extraction of sequence metadata from DICOM documents. (SF901151 / FB9088)

- HD Mode: Implemented processing of transparency layers in MS Visio resulting in much clearer visual effects applied to multi-layer text and images. (FB9085)

- HD Mode: Added rendering of text placeholder values included by MS Visio when objects are missing. (FB9084)

- Text Mode: Resolved a condition where subfile text extraction is performed with EMAILMODE=MAPIHEADERS when a MSG subfile embedded in another MSG would have missing metadata. (SF889707 / FB9079)

- Resolved a condition where Microsoft Word (DOC) files may not render German umlaut characters correctly. (SF891197 / FB9078)

- Resolved a condition where some MS Visio files may get an IGR error when opening the document. (FB9076)

- HD Mode: Resolved a condition where .EMF files may not render correctly. (FB9074)

- Resolved a condition where images might not render in MS Visio. (FB9073)

- Resolved a condition where PDF text outputted into Classic HTML may overlap. (FB9071)

- HD Mode: Resolved a condition where MS Word documents may output extraneous pages. (FB9070)

- Resolved a condition for TRIM where simultaneous requests for the same file may result in a sharing violation. (SF00885845 / FB9068)

- Standardized the treatment of ASCII and Unicode characters when marked as Insignificant for searching. (SF876850 / FB9062)

- Resolved a condition where PDF files named with UTF8 encoding may not render correctly in the preview window. (SF884050 / FB9061)

- Resolved a condition where BASEURL was not being respected causing some features not to work when using an IIS-bound search site. (FB9060)

- HD Mode: Improved handling of paragraph styles on hyperlinks in MS PowerPoint (PPTX). (FB9058)

- Text Mode: Resolved a condition where processing a XLSX file using text mode and EXCELMODE=CSV would cause Document Filters to hang. (SF883987 / FB9056)

- Resolved a condition where embedded Microsoft graph charts stored in MS Office files may not output in text-mode. (SF698370 / FB9054)

- Resolved a condition where some fonts would not render properly in MS PowerPoint. (FB9046)

- Resolved a condition where short UUEncode files may be misidentified as ASCII. (FB9045)

- Improved detection of misnamed tab separated text files resulting in extraction that is more precise. (SF00880514 / FB9044)

- Added HD support for MS Excel v4. (SF881465 / FB9043)

- Improved the extractor.Open call by changing the default behavior to IGR_BODY_AND_META for all language bindings. (SF877000 / FB9041)

- Added identification and extraction support for UUencode files. (SF881025 / FB9040)

- Updated the Extract Original macro to retain the modified date of the original file. (SF877909 / FB9037)

- Resolved a condition where some files could be incorrectly recognized as WordPerfect files. (FB9035)

- Resolved a condition where some text files were not detected correctly. (SF876537 / FB9032)

- Resolved a condition where special characters in titles might render incorrectly and break the search for and index of that file. (SF00874227 / FB9030)

- Resolved a condition where Japanese text in OLE objects could be missing when converting MS PowerPoint files to classic HTML. (SF874214 / FB9029)

- Added new error codes for when documents have zero pages or when a file type doesn't support text output during export. (SF00872197 / FB9027)

- Resolved a condition where index updates may generate Critical Non-Unique errors if documents were marked as Toxic during a previous indexing run. (FB9026)

- Resolved a condition that may cause an access violation in Workgroup when opening a document in the browse view without releasing the double-click. (FB9025)

- Resolved a condition where viewing a document may result in an Access Violation error. (FB9024)

- Updated administration of metadata capabilities to work consistently between Enterprise and Workgroup Search. ISYS.META file will now appear identical whether adding or deleting metadata through either interface. (FB9011)

- Resolved a condition where changing a TRIM document type may result in an incorrect document type appearing in an updated index. (FB9008)

- Resolved a condition where the Metadata Refinement Options list would not refresh after removing the metadata field from the isys.meta file and running a re-index. (SF00868791 / FB9006)

- Workgroup Metadata refinement dialog has been updated to follow intuitive user interaction for editing, adding, and deleting metadata refinement fields. (SF00864760 / FB9005)

- HD Mode: Resolved a condition where body text may overlap with a document header in MS Word. (FB9004)

- HD Mode: Added support for rendering linear gradients in MS PowerPoint (PPT). (FB9003)

- HD Mode: Improved rendering of text in drawings in MS Excel. (SF00663636 / FB9002)
- HD Mode: Improved ability to render abstract lines in MS Visio. (FB9001)
- Resolved a potential crash when processing certain MS Excel documents. (SF833483 / FB9000)
- HD Mode: Implemented Unicode support for AutoCAD. (SF848432 / FB8999)
- Resolved a condition causing a hang on certain password protected RAR files. (SF833483 / FB8996)
- Resolved a condition where text justification in MS Word files rendered incorrectly. (SF843466 / FB8992)
- HD Mode: Resolved a condition in MS Word where numbered lists inside text boxes were the incorrect size. (SF843466 / FB8991)
- Resolved a condition where spacing in MS Word documents may be incorrect. (SF843466 / FB8989)
- Added HD support for MS Visio v5 (FB8985)
- Resolved a condition where Word Art may not be re-sized correctly. (FB8984)
- HD Mode: Resolved a condition where text color, alignment and font size of Word Art may not render correctly. (FB8983)
- HD Mode: Resolved a condition in MS Word where overlapping images may not render in the output. (SF843466 / FB8980)
- HD Mode: Resolved a condition where TIFF images rendered with the incorrect color. (SF846323 / FB8979)
- Resolved a condition where embedded Japanese text in PDF files may be incorrectly extracted. (SF843811 / FB8978)
- HD Mode: Improved font mapping logic for PDF. (SF843811 / FB8977)
- Text Mode: Resolved a condition where Japanese text would not be extracted from a PDF when converting to HTML format, HD formats, or during basic text extraction. (SF843811 / FB8976)
- HD Mode: Resolved a condition where corrupt MS Word files could cause an access violation. (FB8975)
- Resolved a condition where PDF files indexed with ISYS 9.7 may contain an incorrect modification date. (SF770278 / FB8974)
- HD Mode: Resolved a condition where the footer of an MS Word DOC would display in the header. (SF843466 / FB8972)
- Resolved a condition where renaming sites with Unicode (Russian) names caused them to be inaccessible. (FB8969)
- Improved header/footer placement and scaling when rendering MS Visio documents with variable scale factors across pages. (FB8967)
- Added the ability to use Unicode named indexes in the Admin site. (FB8966)
- Resolved a condition where indexes could not have Russian names. (FB8965)
- Resolved a condition where extra characters rendered in EML files that contain EML subfiles. (SF820346 / FB8961)
- HD Mode: Improved object placement and sizing when rendering MS Visio documents. (FB8957)

- Resolved a condition where Russian index names displayed incorrectly. (FB8955)

- Resolved a condition where spelling tips displayed even when deactivated. (FB8953)

- Added identification and metadata extraction support for JungUm documents. (SF837638 / FB8952)

- Added extraction support for .EGG and .ALZ archive types. (SF837073 / FB8951)

- HD Mode: Resolved a condition where text may not render correctly on drawings in MS Visio. (FB8950)

- HD Mode: Resolved a condition where fonts in MS Visio documents scaled incorrectly. (FB8948)

- HD Mode: Resolved a condition causing cell borders to incorrectly appear when processing MS Visio documents. (FB8946)

- Resolved a condition where older MS Visio documents may fail to open. (FB8945)

- HD Mode: Resolved a condition where generated Structured XML was invalid when document contained hyperlinks with non-escaped characters (&<>). (FB8944)

- Text Mode: Resolved a condition resulting in spaces being removed when processing MS XPS documents. (SF831444 / FB8942)

- Resolved a condition where re-colored images in MS PowerPoint were rendered incorrectly. (FB8937)

- Resolved a condition for MS Excel files where a memory leak may occur. (SF827937 / FB8935)

- HD Mode: Resolved a condition where labels rendered incorrectly in MS Visio. (FB8934)

- HD Mode: Added support for embedded objects when rendering MS Visio (VSD) documents. (FB8933)

- Resolved a condition where searches failed when control characters were present in SharePoint metadata. (SF00828208 / FB8931)

- Resolved a condition where not all recipients of an EML file displayed in the output. (SF825659 / FB8930)

- Resolved a condition where converted thumbnails rendered incorrectly. (FB8929)

- Resolved a condition where MSG header labels would not render when converting to an HD format. (SF819302 / FB8926)

- HD Mode: Resolved a condition where an EMF embedded in a PPT would not render in the correct color. (FB8925)

- Resolved a condition where hit-highlighting will not display the text when using the BrowseDoc control in the result template on a High Definition index. (SF00820718 / FB8924)

- HD Mode: Resolved a condition where transparency in Microsoft PowerPoint (PPT) files was handled incorrectly. (FB8919)

- HD Mode: Improved support for rotated text in MS PowerPoint. (FB8918)

- HD Mode: Improved support for rotated text in MS Word. (FB8917)

- HD Mode: Improved header and footer object placement when processing MS PowerPoint documents. (FB8915)

- HD Mode: Improved adherence to text box style attributes when processing MS PowerPoint (PPTX) documents. (FB8914)

- HD Mode: Improved line spacing in MS PowerPoint. (SF821810 / FB8912)

- Resolved a condition where negative numbers in MS Excel were incorrectly being treated as fractions. (SF822333 / FB8911)

- HD Mode: Resolved a condition for RTF files where tables may incorrectly render extraneous horizontal lines. (SF821812 / FB8909)

- HD Mode: Resolved a condition where vertical text in MS PowerPoint rendered horizontal. (SF821815 / FB8908)

- Perceptive Content (ImageNow) password is now encrypted in the configuration file. (SF00820494 / FB8907)

- Resolved a condition where some VMBX files were misidentified as ASCII files. (SF814805 / FB8906)

- Resolved a condition where text extraction of TNEF EML subfiles did not extract correctly. (SF820346 / FB8905)

- Resolved a condition where cells may overlap when converting MS Excel files to Classic HTML on terminal services enabled servers. (SF00798449 / FB8904)

- Resolved a potential condition causing a "not enough closing brackets" error when searching via the REST API. (SF00816495 / FB8903)

- HD Mode: Resolved a condition for MS Excel files where formatting masks may be incorrectly processed and produce extra characters. (FB8901)

- HD Mode: Improved alignment of the contents of text boxes in MS PowerPoint. (FB8899)

- HD Mode: Improved text wrapping in MS PowerPoint. (FB8898)

- Resolved a condition where TXT files attached to EML files may not be recognized and/or extracted. (SF816743 / FB8896)

- HD Mode: Improved support of Russian MS Excel. (SF815848 / FB8891)

- Resolved a condition where an apostrophe in a refinement may cause the next letter to appear in uppercase. (SF00803483 / FB8889)

- HD Mode: Resolved a condition for MS Word files where embedded EMF/WMF images may not render correctly. (FB8883)

- HD Mode: Resolved a condition for MS PowerPoint files where patterns in embedded .EMF images may not render correctly. (FB8882)

- HD Mode: Resolved a condition for MS Word files where embedded EMF/WMF images may not render correctly. (FB8880)

- HD Mode: Resolved a condition for MS PowerPoint files where resized EMF files may render incorrectly. (FB8878)

- HD Mode: Resolved a condition for MS PowerPoint files where embedded EMF files may render incorrectly. (FB8877)

- HD Mode: Resolved a condition for MS PowerPoint files where text may render upside down. (FB8875)

- HD Mode: Resolved a condition where "space before" in the paragraph settings of PowerPoint (PPT) files was not recognized when converted to HD. (SF783662 / FB8873)

- Removed redundant extended options from the HP TRIM indexing wizard and config. (SF00798336 / FB8872)

- Resolved a condition where setting the Maximum Temp Space index option for HP TRIM resulted in an error. (SF00798336 / FB8871)

- HD Mode: Resolved an issue in MS PowerPoint where bulleted lists may display the incorrect bullet symbol. (FB8870)

- HD Mode: Improved the handling of cell overflow in HTML mode for MS Excel documents. (FB8869)

- Resolved a condition where content changes to a file in HP TRIM may not generate an update to the Perceptive index. (SF00792987 / FB8867)

- Text mode: Resolved potential segmentation fault when processing certain MS Excel (XLSX) files generated by OpenOffice. (SF791278 / FB8866)

- HD Mode: Improved alignment logic of multi-column bulleted lists in MS PowerPoint. (FB8862)

- Improved memory usage and speed when processing MS Excel documents with drawings and images in EXCELMODE=CSV. (SF806720 / FB8861)

- HD Mode: Resolved a potential condition where cell background in MS Excel may incorrectly render as black. (FB8860)

- Resolved a condition where redundant metadata blocks were output during extraction of TNEF documents. (SF801572 / FB8859)

- HD Mode: Resolved an issue in MS PowerPoint where fill color for images may be incorrect. (FB8857)

- Text Mode: Enhanced extraction support for (ZIP) containers with Unicode member names authored by InfoZip, PkZip and WinRAR. Resolved a condition causing extraction of sub-files of a ZIP authored by ALZip to fail. (SF800389 / FB8854)

- HD Mode: Resolved a condition in MS Word in which images placed inside of a table may have rendered outside of the table. (SF800111 / FB8852)

- Resolved a condition where the searching user may not be passed to the Perceptive Content (ImageNow) federator. (SF598090 / FB8851)

- HD Mode: Improved vertical alignment of shapes in MS PowerPoint. (FB8849)

- HD Mode: Resolved an issue where converting text files to HD at a high DPI caused page numbers to overlap document text. (SF800907 / FB8848)

- HD Mode: Improved style handling of master shapes in MS Visio. (SF771369 / FB8846)

- HD Mode: Improved inheritance of font size and styles from master shapes in MS Visio. (SF771369 / FB8845)

- HD Mode: Improved page order when processing an MS Visio document. (SF771369 / FB8843)

- HD Mode: Resolved a condition where numeric cells formatted as Accounting format may display as a hyphen instead of zero. (SF00801611 / FB8841)

- HD Mode: Enhanced text placement when text was wrapped around an image in MS Word. (FB8838)

- HD Mode: Improved rendering of rotated shapes in MS Office formats. (FB8837)

- HD Mode: Improved footer text placement and wrapping logic in MS Word (DOCX). (SF00800921 / FB8836)

- HD Mode: Improved the ability to render custom lines in MS Word documents. (SF00800425 / FB8831)
- HD Mode: Implemented strikethrough support in MS Excel. (SF00800404 / FB8830)
- HD Mode: Resolved a condition in MS Excel (XLSX) where custom cell formatting information may incorrectly appear in the rendered output. (SF00800414 / FB8829)
- HD Mode: Resolved an issue in MS Word where document headers may be missing text or missing parts of images. (SF00800424 / FB8828)
- Improved scientific notation number formatting for MS Excel files. (SF00800403 / FB8827)
- HD Mode: Resolved a condition where table text in Microsoft Word (DOCX) files would sometimes overlap or not render. (SF00800423 / FB8826)
- HD Mode: Improved image positioning in MS Word when no text is present. (FB8825)
- HD Mode: Resolved a condition where charts in Microsoft PowerPoint (PPTX) files may not render correctly. (FB8824)
- HD Mode: Resolved a condition for MS Excel files where cell borders may not render correctly. (SF798268 / FB8823)
- Improved identification capabilities of MS OneNote table of contents. (SF791279 / FB8821)
- HD Mode: Resolved a condition where vertical alignment of cells in MS Excel was not rendered correctly. (SF798269 / FB8820)
- HD Mode: Improved cell alignment in MS Excel. (SF798262 / FB8819)
- Resolved an issue in MS Excel where some cells may be shifted. (SF791361 / FB8818)
- HD Mode: Improved cell indention logic on MS Excel. (SF798254 / FB8816)
- HD Mode: Improved font rendering in MS PowerPoint (PPTX) in multi-level lists. (FB8815)
- Text Mode: Added the ability to extract ALT text for IMG files by default. SHOWHIDDEN=OFF and SHOWHIDDEN=HIDDEN may be used to suppress the ALT text. (SF791777 / FB8812)
- HD Mode: Improved conversion of images with an asymmetric DPI. (SF786072 / FB8806)
- HD Mode: Resolved an issue in MS Excel where month values may be incorrectly extracted. (SF789001 / FB8805)
- HD Mode: Resolved an issue in MS PowerPoint where overlapping shapes may appear incorrectly overlayed. (SF8761 / FB8803)
- HD Mode: Resolved a condition where near zero values in MS Excel may round to zero. (SF788993 / FB8801)
- HD Mode: Improved style inheritance when rendering MS PowerPoint. (FB8799)
- HD Mode: Improved handling of space before the first paragraph in MS PowerPoint text boxes. (FB8798)
- HD Mode: Improved rendering of arc shapes in MS PowerPoint (PPT). (FB8796)
- HD Mode: Resolved an issue in MS PowerPoint where text may have overlapped an image when converting the document to TIFF. (SF783662 / FB8792)
- HD Mode: Resolved a condition where custom bullets in MS PowerPoint may not be rendered correctly. (SF783662 / FB8791)

- HD Mode: Improved the text alignment for MS PowerPoint. (SF783662 / FB8790)

- HD Mode: Resolved an issue in MS PowerPoint where page numbers may render in the output when they were hidden in the original document. (SF783662 / FB8789)

- Resolved a condition where flagging one email would set the flag for all emails with the same subject (SF00779803 / FB8788)

- Resolved an issue in Research Accelerator where some Russian characters in the document path would cause an error. (FB8787)

- Resolved a condition where Russian characters in a path name or file name were incorrectly encoded. (FB8786)

- Resolved a condition where Cyrillic categories may not display properly. (FB8785)

- HD Mode: Resolved a condition where diagram labels in MS PowerPoint rendered with the incorrect orientation. (SF783616 / FB8778)

- Resolved an issue in MS PowerPoint where incorrect slide background color may appear. (SF783616 / FB8777)

- HD Mode: Resolved a condition with MS PowerPoint where footer text may be missing. (SF783616 / FB8776)

- HD Mode: Resolved a condition where an embedded table in MS Word may not have rendered (FB8774)

- Improved performance of EML sub-files. (SF781959 / FB8768)

- HD Mode: Resolved an issue in MS PowerPoint where borders and arrows may be omitted. (SF00783628 / FB8767)

- HD Mode: Resolved a condition in MS PowerPoint where extra lines may be drawn on complex drawings. (SF00783628 / FB8766)

- HD Mode: Resolved an issue with line wrapping in MS Word headers. (SF00783452 / FB8765)

- HD Mode: Improved arrow placement when processing MS Word documents. (SF00783520 / FB8764)

- HD Mode: Resolved a condition for MS Word files where multi-column text may incorrectly render as a single column. (SF00783520 / FB8762)

- HD Mode: Improved table border processing in MS Word. (SF00783520 / FB8761)

- HD Mode: Improved rendering capabilities of partially corrupt MS Word documents. (SF00783597 / FB8760)

- HD Mode: Improved the precision of text layout in relation to drawn elements in MS PowerPoint. (SF00783628 / FB8758)

- HD Mode: Improved placement of text in and around shape elements in MS PowerPoint. (SF00783628 / FB8757)

- HD Mode: Improved handling and position calculations of z-order and non-primitive shapes in MS Word. (SF783529 / FB8753)

- HD Mode: Improved the handling of cascading styles in MS Word documents. (SF00783596 / FB8752)

- Added character encoding detection for text files. (SF766487 / FB8749)

- HD Mode: Resolved a condition where values formatted as percent may appear as decimal. (SF00663636 / FB8747)

- Improved encoding detection and handling of Unicode characters in MSG files. (FB8745)

- Fixed a potential crash when processing certain PDF documents. (SF776858 / FB8744)

- Improved exception handling and memory usage on very large MS Excel documents. (SF762348 / FB8741)

- HD Mode: Resolved an issue with overflowing cell text and missing text in some XLSX documents. (FB8739)

- HD Mode: Resolved an issue where charts may not render in some XLS documents. (FB8738)

- HD Mode: Addressed an issue with Unicode charts in MS Excel. (FB8737)

- HD Mode: Resolved an issue with mis-placed text in rotated text boxes in MS PowerPoint. (FB8736)

- HD Mode: Resolved an issue where hard line breaks may not be honored in PPTX files. (FB8735)

- Added support for Office 365 MS Word. (SF781354 / FB8734)

- HD Mode: Addressed an issue where some shapes in an XLSX file may cause a large amount of memory to be consumed and a failure to render. (FB8732)

- Resolved a condition for PDF files where text annotations may not be extracted correctly. (SF779680 / FB8731)

- HD Mode: Resolved an issue in MS PowerPoint where arrow sizes may have been incorrect. (FB8730)

- HD Mode: Fixed rendering issues of some shapes in MS PowerPoint. (FB8729)

- HD Mode: Improved color mapping in MS PowerPoint. (FB8728)

- Resolved a condition for OpenOffice files where lines (shapes) may not render correctly. (FB8727)

- HD Mode: Fixed an issue with text box placement when anchored on the bottom margin. (FB8725)

- HD Mode: Resolved an issue with bullet placement in some DOCX files. (FB8724)

- HD Mode: Addressed issue where groups of shapes may not render correctly in MS Word (DOCX) documents. (FB8723)

- HD Mode: Resolved a condition in MS Visio where hidden images may be displayed. (FB8722)

- HD Mode: Resolved an condition where images may not display when processing RTF. (FB8721)

- HD Mode: Resolved an issue in MS Visio where some shapes and text may not render correctly. (FB8720)

- HD Mode: Improved rendering of fill color and text in MS Visio. (FB8719)

- HD Mode: Improved processing of shapes in MS Visio. (FB8718)

- HD Mode: Resolved an issue in MS Visio where some colored icons may render colorless. (FB8717)

- HD Mode: Improved shape rendering and placement for MS Visio. (FB8715)

- Resolved conditions where objects may be rendered incorrectly and text indentation was incorrect in MS Visio. (FB8714)

- HD Mode: Improved tab spacing, line spacing, and text placement in MS Visio. (FB8713)

- HD Mode: Improved ability to render complex rotation and shapes with arcs in MS Visio. (FB8712)

- Resolved a condition causing words to appear merged when processing certain PDF documents. (SF779677 / FB8711)

- HD Mode: Resolved a potential condition in MS PowerPoint where bold fonts may be rendered as italics. (FB8709)

- HD Mode: Improved rendering accuracy of table of contents when processing MS Word documents converted from PDF. (SF00761053 / FB8708)

- Resolved a condition where BASEURL was not being respected causing some features not to work when using an IIS-bound search site. (FB8706)

- Resolved a condition where Access Violation errors may occur when converting to HD HTML. (FB8705)

- HD Mode: Resolved a condition in MS Excel where background color would not render. (FB8703)

- Resolved a condition where isys.pending files may not get processed. (SF00767949 / FB8700)

- Resolved an issue where Unicode indexes may not output statistics in the log files. (SF00731214 / FB8699)

- HD Mode: Resolved an issue in which some MS Visio files may not convert to HD. (SF771369 / FB8698)

- Text Mode: Resolved an issue in RTF where encoded image data may appear in the output. (FB8691)

- Resolved an issue in MS Word where output may include extraneous text. (FB8688)

- Improved Date metadata logic for PDF files, replacing Z with UTC. (SF769856 / FB8687)

- HD Mode: Resolved a potential condition in MS Word where headers and footers may be omitted. (SF769949 / FB8686)

- Resolved an issue where sorting date metadata fields failed. (SF00769612 / FB8685)

- HD Mode: Resolved a condition where Creation Date and Modified Date metadata in MS Excel will have the correct date, but the incorrect day of the week. (SF769286 / FB8682)

- Resolved an issue with text box placement in headers in MS Word. (SF767405 / FB8681)

- Resolved a condition where Boolean metadata would not display in refinements. (SF00766349 / FB8678)

- HD Mode: Resolved a condition in MS Word where cell width in tables may be incorrectly calculated. (SF00767136 / FB8677)

- HD Mode: Resolved a condition where text boxes in headers may not render correctly in HTML mode. (SF00765560 / FB8676)

- Added support for processing of MS Word 2003 XML and MS Excel 2003 XML format. (SF00764806 / FB8675)

- HD Mode: Improved positioning of x-axis on column charts in MS Excel. (SF00663636 / FB8674)

- HD Mode: Resolved a condition where elements of a MS Word document may be positioned outside of the visible right margin. (SF00765382 / FB8673)

- HD Mode: Resolved a potential condition causing cell content not to display. (SF00765431 / FB8672)

- HD Mode: Resolved a condition where tables in MSG files may not render correctly. (SF764506 / FB8671)

- HD Mode: Improved rendering of text within text boxes in MS Excel (XLSX). (SF00763949 / FB8670)

- HD Mode: Resolved a condition where the last column of an XLS spreadsheet may be duplicated when the output flows onto a subsequent page. (SF00764002 / FB8669)

- Resolved an issue when searching on indexes with DotHandling enabled. (SF00763356 / FB8667)

- HD Mode: Improved ability to detect and render text that overlaps one or more cells in MS Excel. (SF00763474 / FB8665)

- HD Mode: Improved rendering of MS Word documents converted from PDF. (SF00761053 / FB8659)

- Resolved an issue where the stored DPI in generated TIFF images may be incorrect causing it to report an incorrect page size. (SF00760544 / FB8658)

- Text Mode: Updated detection logic to prevent mis-identification of some text files as WordPerfect 4.2. (SF00721639 / FB8651)

- HD Mode: Resolved a condition where page borders on MS Word (DOCX) documents may not appear. (FB8650)

- HD Mode: Implemented chart support on all platforms for Microsoft Office files. (FB8649)

- HD Mode: Improved memory usage when processing some large MS Excel documents. (FB8643)

- Resolved a condition in MSG files where html content containing a <pre> tag would render incorrectly in HTML and would not render at all in HD. (SF00732616 / FB8632)

- Resolved a condition where choosing an "Are you looking for?" refinement may result in an error. (SF00727891 / FB8627)

- Resolved a condition where ISYS.log may display incorrect characters when the system locale is set to Japanese. (SF00725647 / FB8625)

- HD Mode: Resolved a condition where page numbers in MS Word DOC files may render incorrectly. (SF00725478 / FB8623)

- Resolved an issue where results may not utilize a custom SQL template generator. (SF00722440 / FB8617)

- HD Mode: Resolved a condition for MS Word files where headings may be misaligned. (SF00701992 / FB8612)

- Resolved a condition where category refinements containing escaped characters may return no results. (FB8593)

- Resolved a condition for Research Accelerator where indexes may not report errors correctly. (FB8589)

- Resolved a condition where corrupt DGN files caused a crash. (FB8574)

- HD Mode: Resolved a condition where MSG file From, To, Cc, and Bcc fields would display disappear when rendering in black-and-white mode. (SF00705032 / FB8568)

- Text Mode: Updated MSG metadata to output "Date" as the message delivery time, "Sent" as the message submit time if it differs from "Date", and SMTP email address information. To extract all email metadata content without field mapping interpretation, EMAILMODE=ALLHEADERS may be used. (SF00687597 / FB8518)

- HD Mode: Resolved an issue in which drawings in some MS Excel files failed to render. (SF00663636 / FB8409)

- HD Mode: Resolved a condition where cell content in MS Excel may truncate. (SF00640928 / FB8385)

- Resolved a condition where numbers with hyphens may produce erroneous search results. (SF00655252 / FB8382)

- HD Mode: Resolved a condition for MS PowerPoint files where some slides may not be converted (depending on SHOWHIDDEN). (SF00626521 / FB8286)

- HD Mode: Resolved a condition causing some formulas in MS Excel documents to display a value of zero rather than the computed output. (SF00625761 / FB8283)

- HD Mode: Resolved a condition where background colors in MS Excel may cause a cascading effect across cells resulting in incorrect background shading. (SF00625761 / FB8282)

- Removed the check box for the Icon Column in the Research Accelerator column selector. (FB8106)

- HD Mode: Improved cell width rendering for tables within text boxes in MS Excel. (FB7637)

- HD Mode: Improved background color support for font styles in MS Excel. (FB7628)

- HD Mode: Improved handling of numbering and Table of Contents in MS Word documents. (FB5972)

- SecDiag.exe is a command line diagnostic tool that helps with security/authentication issues. Run SecDiag.exe for information about the usage of the tool. (FB5727)

- Fixed issue where schedules Refresh Security maintenance did not run. (FB2473)

Perceptive Enterprise and Perceptive Workgroup Search 10.3 Release Notes

- Perceptive Enterprise Search (formerly ISYS Enterprise Server) 10.3
- Perceptive Workgroup Search (formerly ISYS Workgroup) 10.3

If you are upgrading from a previous version of Perceptive Enterprise Search or Perceptive Workgroup Search, refer to the appropriate Perceptive Search Installation, Upgrade, and Setup Guide, and follow the instructions to preserve your indexes, sites, and settings.

The following enhancements and updates are included in this release.

New Features for Perceptive Enterprise Search 10.3

High Definition Viewing

- High Definition (HD) means that documents in the most common formats, when searched, will be presented in HTML 5 with all formatting, images and styles preserved. This provides a superior search and viewing experience nearly identical to the print view in a native application.

- HD Viewing: Users viewing documents indexed in HD will experience our next generation HTML5 viewer, showcasing pagination, near pixel perfect renditions with a full set of document controls.

- Indexing: Administrators may select to index documents in HD through the New Index Wizard or through Index Options. For a complete list of HD supported formats, see Index Options Help.

Document Thumbnail Preview (Enterprise Search only)

- Each result is now presented with a thumbnail preview. Hovering on the thumbnail displays up to three pages of the document to assist users in identifying the document needed.

- This feature may be enabled by administrators on sources that have been indexed in HD mode through Index Options.

Single and Mass Document Conversion

- Enterprise & Workgroup users may now choose to download documents in various formats:
  - Original (native)
  - Text
  - HTML5
  - PDF
  - TIFF

- Enterprise users may access this functionality within the single document view or within Research Accelerator.

- Workgroup users may access this functionality by right-clicking one or more documents as well as within the individual document view or by launching the Macro dialogue.

- Research Accelerator: Users may perform the following functions on one or more results:
  - Result Report = Create spreadsheet of result information

- Extract Original Documents = Extract original documents to ZIP

- Export Hit-highlighted Documents = Convert to hit-highlighted PDF including metadata

- Export to PDF = Convert selected documents to PDF

- Export to TIFF = Convert selected documents to TIFF

- Export to HTML5 = Convert selected documents to HTML5

Connectors

The following additional connectors are now available:

- New Connector: Google Drive for Business/Education (Enterprise only)

- Updated connector to support new source version: SharePoint 2013

- Updated connector to support new source version: Microsoft Exchange 2013

- Updated connector to support new source version: Symantec Enterprise Vault 10.x

- Twitter connector was updated to conform to v1.1 of the Twitter REST API. Twitter connection through Social Explorer was also updated.

Additional Format Support

Several formats have been added or enhanced, including:

- Added indexing support for:

  - Certified MS Office 2013 formats

  - Certified MS Outlook 2013 (PST/OST)

  - Certified AutoCAD 2013

  - Multi-part RAR, including indexing of all supported sub-files

  - DICOM (metadata only)

  - EMLX

  - MS OneNote TOC

  - WinMail Data File

  - vCalendar

64-bit Windows

- Enterprise: Users may choose the 64-bit Anywhere installer for desktop indexing of 64-bit Windows machines. This is required to index 64-bit Outlook (PST/OST)

- Workgroup: Users may choose the 64-bit Workgroup installer for 64 bit-Windows machines. This is required to index 64-bit Outlook (PST/OST)

Other Enhancements

- Improved indexing performance depending on the formats being processed. Indexes of diverse content types will see typical performance gains of 10% to 30%.

- Log out functionality has been added to the Social Explorer for Facebook and LinkedIn.

- Added support for encoding Unicode characters into HTTP headers used in the webAPI

- Users viewing documents rendered in Standard HTML and HD HTML5 now benefit from support of charts for Microsoft Office documents

- Image, shape and object positioning is now more precise for Standard HTML viewing

- Over 300 engineering improvements and bug fixes to extraction capabilities, performance, viewing and user experience.

Updates

Core Search

- Improved memory usage when converting large MS Excel files. (FB7916)

- Improved exception handling on range searches to prevent a crash in low memory conditions. (FB8148)

- Resolved a condition where ResetLastAccessDates config setting was not effective. (FB8161)

- Improved handling of large text files when indexing in multi-processor mode. (FB8163)

- Improved performance for transactional updates. (FB8486)

- Resolved an issue with Japanese character mapping that could impact search results. (FB8562)

- Improved text extraction from charts. (FB8435)

- Text Mode: Improved the extraction of embedded files within TNEF EML documents. (FB8457)

- Added options for generating black & white and grayscale TIFF output. (FB8466)

- Text Mode: Added a new SubType code for Lotus 1-2-3 files for more descriptive identification. (FB8506)

- Allow override of maximum open document handles via ISYS_MAX_DOCHANDLES environment variable (default: 64). (FB8507)

- Text Mode: Improved MSG header TIF rendering. (FB8518)

- Now support vCalendar format identification and extraction. (FB8582)

- Resolved an issue where real-time indexing of MS Outlook emails may create HTML Raw files rather than email file types. (FB8049)

- Enhanced the image output for embedded image files within RTF files. (FB8116)

- Improved the exception handling when opening document streams and running in multiple threads. (FB8131)

- Resolved an issue in MS Office 2003 files where accented character conversion might not be consistent across platforms. (FB8181)

- Resolved an issue where ZIP files with Korean file names may cause a segmentation fault. (FB8189)

- Enhanced indexing for HTML files with encoded header information. (FB8192)

- Fixed an issue where the LC_TIME locale may be incorrect when using EXCELMODE=CSV. (FB8198)

- Improved the column spacing and column wrapping for MS Word documents. (FB8233)

- Resolved an issue in MS Word formats where line breaks may appear to be missing. (FB8237)

- Fixed an issue where the body of an EML file may not be indexed. (FB8263)

- Resolved an issue where text may be missing from text boxes in HTML mode. (FB8309)

- HD Mode: Resolved an issue in HD mode for MS Word documents where page numbers in the footer may be missing. (FB8312)

- HD Mode: Fixed an issue for MS PowerPoint in HD mode where HD output may contain overlapping text and lines over text. (FB8324)

- Resolved an issue where some emails extracted from PST files would be missing some metadata. (FB8337)

- Improved metadata indexing within ISYSINDEXINGOFF sections. (FB8371)

- HD Mode: Improved the rendering of axis labels for charts. (FB8402)

- HD Mode: Improved processing of VML images/drawings in MS Word. (FB8404)

- HD Mode: Improved viewing of images in MSG files. (FB8412)

- HD Mode: Resolved a potential condition where page numbers in MS Word were not calculated correctly. (FB8413)

- HD Mode: Improved overall text placement in MS Word and addressed potential image ghosting behavior. (FB8414)

- HD Mode: Improved the rendering of text box borders. (FB8415)

- HD Mode: Improved the alignment of text and image callouts in MS Word. (FB8416)

- HD Mode: Fixed a problem on PPT files, in HD and HTML5, where text was showing that should have been hidden by an image. (FB8417)

- HD Mode: Improved the support for complex header/footer content in MS Word. (FB8418)

- HD Mode: Resolved an issue where some images may not render in PPTX files. (FB8419)

- HD Mode: Resolved a condition where percentages may be converted to decimal in MS Excel. (FB8420)

- HD Mode: Improved the text layout of bullet lists in MS PowerPoint. (FB8421)

- HD Mode: Resolved an issue where cells in charts may incorrectly appear when a background color is present. (FB8422)

- HD Mode: Resolved an issue where hidden MS Excel sheets would display when the SHOWHIDDEN option was set to OFF. (FB8423)

- HD Mode: Improved the text rendering in MS Word when appearing in a table with same background color. (FB8424)

- HD Mode: Improved chart fidelity across formats when multiple columns are present. (FB8425)

- HD Mode: Resolved an issue where table borders may not render correctly in MS Word. (FB8428)

- HD Mode: Fixed an issue where page numbers would not be displayed in classic HTML and HD modes on some PPT files. Fixed a problem with displaying footer information on the title page when the option "Don't show on title page" was checked. (FB8434)

- Fixed an issue concerning PPTX files where user-added text in layout and master slides was not being output when using doc2text in text mode. (FB8437)

- HD Mode: Fixed a problem where the symbol font was being applied to non-symbol text in some cases. (FB8438)

- Text Mode: Extraction of DBASE4 files is now supported. (FB8440)

- Improved the metadata and text extraction of IBM DCA/FFT files. (FB8441)

- Improved the metadata and text extraction of Framework WP (FW3). (FB8443)

- Added support for Ichitaro author field extraction. (FB8446)

- Fixed an issue where HTML content may be appended into a tag and effectively skipped from the output. (FB8447)

- HD Mode: Improved the handling of character offsets in word processing formats when sections are variable in length. (FB8448)

- Text Mode: Identification for WordStar 2.0 is now supported. (FB8449)

- Text Mode: Improved the text extraction of MultiMate documents. (FB8450)

- HD Mode: Fixed an issue of parsing words incorrectly when converting to HTML. (FB8451)

- Improved the chart rendering in MS Excel when extracting single digit double values. (FB8452)

- HD Mode: Improved the chart scaling in MS Excel when changing DPI settings. (FB8453)

- Improved the ability to extract text from VML shapes. (FB8455)

- Resolved an issue where the extracted text, for some embedded images in Word Write files, would generate unexpected tokens and control characters. (FB8460)

- HD Mode: Resolved an issue where incorrect sizing of charts in XLS would cause repeating charts to display. (FB8464)

- Improved non-Latin font mapping support for EML documents. (FB8465)

- HD Mode: Corrected an issue where HD conversion of TIFF input documents would only generate the first page during conversion. (FB8468)

- HD Mode: Resolved a potential overlapping text condition in MS PowerPoint. (FB8474)

- Document Filters now identifies MS PowerPoint 4.0 files for Mac; the capabilities for this file type are zero. (FB8476)

- Fixed a problem with non-breaking spaces being inserted where they should not be in classic HTML. (FB8478)

- Text Mode: Improved MS PowerPoint extraction to check for TEXT_CONTENT stream even when no slide data exists. (FB8481)

- Fixed an issue where Adobe Postscript may be misidentified as text type 2. (FB8482)

- Unsupported MS PowerPoint 3.0 files are now identified but have zero capabilities. (FB8483)

- Fixed an issue where SMTP addresses were not being extracted from PST files. (FB8487)

- HD Mode: Corrected Classic HTML PPT bullet alignment. Improved HD handling of words that are split immediately following a bullet. (FB8488)

- Resolved an issue where TXT files may be incorrectly converted as WordPerfect 4.2. (FB8489)

- HD Mode: Improved indentation and pagination for MSG documents. (FB8490)

- Fixed an issue where empty subfolders, within RAR archives, may be incorrectly interpreted as documents. (FB8491)

- Improved support of KOI8-R Russian/Cyrillic character encoding. (FB8492)

- Fixed a problem with child shape placement not taking into account parent shape rotation in group shape containers (Microsoft Office Shapes). (FB8493)

- Improved character set detection on EML documents. (FB8498)

- Improved character set mapping on VCF documents. (FB8499)

- Improved text extraction speed of MS Word, MS Excel, and MS PowerPoint documents. (FB8501)

- Resolved a scenario where IBM DisplayWrite files may be identified as text. (FB8504)

- Fixed a potential condition where text would not be extracted from WordPerfect files. (FB8508)

- Resolved a condition where the Author metadata field may not be extracted in older versions of MS Word. (FB8509)

- Text Mode: Improved the extraction of hidden binary content from WinWord 2.0. (FB8510)

- Text Mode: Fixed potential mis-identification of Windows Metafile. (FB8513)

- Resolved an issue where text extraction of an MS Excel file may create extraneous, unreadable text. (FB8514)

- Fixed an issue where text extraction of a WordStar file may create extraneous, unreadable text. (FB8515)

- Text Mode: Resolved a potential scenario where metadata may not be extracted correctly in MS Excel. (FB8516)

- Improved character mapping for MSG documents. (FB8520)

- Resolved an issue where hard spaces may not display in text extraction. (FB8521)

- HD Mode: Improved output images / raster scaling based on DPI (default: 96). (FB8525)

- HD Mode: Resolved an issue of missing characters in text files when outputting in paginated HD modes. (FB8526)

- Text Mode: Resolved a condition in MS OneNote where the first line of text may be truncated. (FB8531)

- HD Mode: Resolved potential incorrect page number calculations when processing a MS Word document generated by a non-English version of MS Word. (FB8534)

- Resolved a condition where formatting information may be extracted as text when using EXCELMODE=CSV. (FB8539)

- Improved identification of MP3 and M3U files. (FB8541)

- Resolved a potential memory leak when processing sub-files within a MS Word document. (FB8547)

- HD Mode: Fixed an issue with MS Word documents in HD mode where some links may not work. (FB8551)

- HD Mode: Improved MS Word line space rendering in HD mode. (FB8552)

- HD Mode: Resolved an issue with extraneous line breaks when converting EML to HD. (FB8554)

- HD Mode: Corrected an issue where HTML output may display html code around email addresses. (FB8555)

- Fixed an issue where some special characters may not convert correctly in Classic HTML mode. (FB8556)

- Fixed a problem where document filters was not handling derived master styles properly in PPT files. (FB8558)

- Fixed a problem Document Filters had with processing the TextRulerAtom in PPT files. Fixed a problem with the space between bullets and the text following bullets. (FB8559)

- HD Mode: Resolved a condition where images could be missing in MS PowerPoint. (FB8560)

- Resolved an issue where cells in MS Excel documents, that contain both inline and shared string data, may not convert correctly. (FB8561)

- HD Mode: Resolved an issue with line breaks when converting MSG to TIF in HD mode. (FB8569)

- HD Mode: Corrected issue where text may be missing from text boxes in MS PowerPoint. (FB8571)

- Text Mode: Password protected MS Word files now return a correct error code (IGR5). (FB8578)

- Text Mode: Fixed an issue where a DOC file within a DOC file may be misidentified as "unknown". (FB8581)

- Text Mode: Fixed an issue in Text mode where, in some scenarios, codepage text could be output in the incorrect location. (FB8584)

- Corrected an issue when extracting title strings from PDF documents in certain encodings. (FB8586) (Perceptive Enterprise Search)

- Fixed an issue where SIS files may be incorrectly identified as type 3 (WordStar). (FB8587)

- PDFDEHYPHENATE option now only removes hyphens at the end of lines. (FB8588)

- HD Mode: Checkbox selection in MS Word is now respected in the rendered output. (FB8591)

- Text Mode: Resolved an issue where VSDX files may be incorrectly identified as ZIP. (FB8594)

- Text Mode: Resolved potential missing content when processing an EML file. (FB8599)

- Corrected processing error on WMF documents when converting to HTML. (FB8601)

- Fixed an issue where DBF files may be incorrectly identified as ASCII/text. (FB8602)

- Improved text extraction for SXI. (FB8603)

- Text Mode: Resolved a logic error that may prevent some text from being extracted, when reading XLSB files. (FB8605)

- Improved the handling of embedded images in EML files when converting to HTML. (FB8607)

- Improved exception handling during MS Excel chart processing. (FB8619)

- Text Mode: Improved the identification of text files without extensions. (FB8624)

- Added identification capability for FTS formats. (FB8630)

- Text Mode: Added text extraction support for MS Excel 95. (FB8641)

- Resolved an issue where formatting may not be maintained when converting PDF to text. (FB8644)

- Improved the PDF Export for non-HD supported formats. (FB8349)

- HD Mode: Improved the placement and appearance of MS Visio images. (FB6539)

- HD Mode: Resolved an issue with MS Word SmartArt (colors and fonts). (FB7897)

- Improved handling of embedded images in MSG documents. (FB8044)

- Improved rendering of WordPerfect 5.x documents. (FB8127) (Perceptive Enterprise Search)

- HD Mode: Improved the handling of text extraction for ODP documents. (FB8222)

- HD Mode: Resolved an issue where the body of an attached MSG file would not convert. (FB8247)

- HD Mode: Improved Word support for Korean hyperlinks. (FB8249)

- Improved text alignment, multi-level lists, and image rendering in MS PowerPoint. (FB8250)

- Text Mode: Improved extraction of legacy MS Excel content. (FB8259)

- Resolved an issue where additional spaces and commas were added in MS Excel files when using the EXCELMODE=CSV option. (FB8270)

- Resolved an issue where all file names in Joliet ISO format were upper-case. (FB8272)

- HD Mode: Fixed a problem with processing certain MS Excel format strings. (FB8273)

- HD Mode: Improved title colors and the display of Chinese characters for MS Word documents. (FB8275)

- HD Mode: Resolved an issue where some PowerPoint PPT slides were not converted. (FB8286)

- HD Mode: Improved the rendering of EML files. (FB8288)

- HD Mode: Resolved an issue where dashed lines were not properly aligned with text in MS Word documents. (FB8289)

- Improved consistency of CAD metadata across platforms. (FB8295)

- Improved extraction of MS PowerPoint PPTX files that contain embedded PDF files. (FB8303)

- HD Mode: Improved the PDF output quality when saving TXT files to PDF. (FB8308)

- Improved the highlighting for HD HTML-converted PDF documents. (FB8311)

- HD Mode: Resolved an issue where the background color for DOC files was incorrect. (FB8315)

- HD Mode: Resolved an issue where IGR_Redact_Page_Text() will not work unless the page wordlist is pre-filled. (FB8318)

- HD Mode: Resolved an issue where the output, when converting PDF to HD PDF, would interleave words and characters. (FB8319)

- HD Mode: Improved the readability of PDF-converted TXT files. (FB8322)

- Resolved an issue with the Perceptive HD Viewer on French Windows 7. (FB8326)

- HD Mode: Resolved an issue with PPT resulting in an "invalid string position error". (FB8329)

- HD Mode: Resolved an issue where converting to PDF might cause excessively large output files. (FB8330)

- Resolved a pagination synchronization issue for MS Word documents in the HD Viewer. (FB8334)

- HD Mode: Improved the output of tables in MS Word documents. (F8335)

- HD Mode: Resolved an error where certain MS Word documents may not convert due to too many paragraph splits. (FB8336)

- HD Mode: Improved line spacing on MS Word for some scenarios. (FB8338)

- HD Mode: Improved the search-ability of EML and MSG files that are saved as HTML. (FB8339)

- HD Mode: Improved the precision of generated HD HTML for all formats. (FB8340)

- HD Mode: Improved the rendering of PDFs containing in-line images with text. (FB8341)

- HD Mode: Fixed issue with text overlapping in MS Excel. (FB8347)

- HD Mode: Fixed an issue with MS Word document processing for bullet points and inherited styles. (FB8348)

- Fixed an issue where certain Unicode characters in HTML could be filtered out. (FB8353)

- HD Mode: The Open_Document method now returns an error (IGR_E_FONTS_NOT_FOUND) when no fonts exist. (FB8354)

- Improved font mapping and missing font exception handling across all platforms. (FB8356)

- HD Mode: Improved the spacing between list items in MS Word documents. (FB8359)

- HD Mode: Resolved an issue where text may overlap when converting MS PowerPoint files to HD HTML. (FB8363)

- HD Mode: Improved tolerance of corrupt MSG files. (FB8367)

- HD Mode: Improved output consistency across locales for MS Excel documents. (FB8373)

- HD Mode: Improved font handling when converting to HTML. Added an option, USE_MAPPED_FONTS, allowing usage of the substituted layout font rather than the referenced font. (FB8375)

- HD Mode: Fixed issue where images may not display in MS Word documents. (FB8376)

- HD Mode: Resolved an issue where images in EML documents were not displaying. (FB8378)

- Improved handling of number and percent formatting in MS Excel documents when the EXCELMODE=CSV option is invoked. (FB8379)

- Improved extraction of metadata from MS Project documents. (FB8383)

- HD Mode: Resolved an issue with spreadsheets that do not have stored defaults for column width and row height. (FB8388)

- HD Mode: Fixed floating point rounding errors in MS Excel documents. (FB8390)

- Text Mode: Resolved an issue when processing Japanese text inside HTML tags. (FB8392)

- HD Mode: Resolved an issue with full-screen charts in MS Excel documents. (FB8396)

- HD Mode: Resolved a potential issue with PDF generation. (FB8399).

- HD Mode: Resolved an issue with sparsely populated columns in MS Excel documents. (FB8406)

- Improved the handling of embedded document parts in OpenOffice. (FB5716)

- Improved metadata date normalization in DOC, DOCX, and PDF. (FB6330)

- Added the option to display hidden content in Hi-Def mode using the SHOWHIDDEN option. (FB6611)

- Added ID only support for OneNote TOC files to Document Filters. (FB6925)

- Added the ability to generate thumbnails by page. (FB7419)

- Added support for embedded files in RTF documents. (FB7459)

- Improved the handling of embedded files within RTF documents. (FB7551)

- Added the ability to hide hyperlinks, bookmarks, and comments through the SHOWHIDDEN parameters. (FB7717)

- Resolved an issue where OLE objects were not extracted from HWP files. (FB8176)

- Addressed an issue in Excel Hi-Def mode where an extremely large number of columns would cause a sheet to not be rendered. (FB7557)

- Improved the handling of grid lines in MS Excel documents. (FB7566)

- Enhanced the processing of headers and footers in MS Excel documents. (FB7578)

- Resolved an issue where the spacing between a bullet and text was too large in Classic HTML and HD Word. (FB7625)

- Improved the font mapping for Classic HTML and Hi-Def modes. (FB7627)

- Fixed an issue in MS Word where bullets and indentation would not render correctly in Classic and HD HTML. (FB7630)

- Improved the scaling handling on MS Excel documents. (FB7633)

- Improved the handling of cell spacing in MS Excel documents. (FB7636)

- Improved the handling of cell formatting in MS Excel documents. (FB7638)

- Resolved an issue where some formula results may not be rendered in XLSX documents. (FB7639)

- Reduced the memory utilization while process MS Excel documents in HTML mode. (FB7645)

- Improved the handling of auto-sized text boxes in MS PowerPoint documents. (FB7696)

- Resolved an issue where HTML was generated with incorrect decimal place symbol, when in Dutch locale. (FB7714)

- Addressed an issue in Hi-Def mode on a Windows 64-bit platform where some RARs would consume a large amount of memory. (FB7725)

- Improved the handling of VCF files to include missing fields. (FB7729)

- Resolved an issue where text files were identified incorrectly between 32-bit and 64-bit Windows. (FB7743)

- Resolved word and line spacing issues in Word Hi-Def mode where the text was not aligned to corresponding text boxes. (FB7747)

- Resolved RPM processing issues on different platforms. (FB7751)

- Improved the auto text color handing for MS Word documents. (FB7756)

- Resolved an issue where files were misidentified as Framework3. (FB7758)

- Improved the border logic for MS Word documents in HTML mode. (FB7760)

- Resolved an issue where extraneous underlining and bold text would be present in HD Word. (FB7761)

- Improved handling of MS Word documents that have partial or missing style information. (FB7773)

- Fixed an issue in Hi-Def mode for RTF documents where German umlaut letters caused the output to split incorrectly. (FB7779)

- Improved the handling of corrupt MS Project files. (FB7784)

- Resolved inconsistency between 32-bit and 64-bit Windows when processing MBOX files. (FB7800)

- Improved the handling of embedded clip-art in MS PowerPoint files. (FB7817)

- Improved the handling of text-alignment in MS PowerPoint documents. (FB7818)

- Improved the handling of slide numbers in MS PowerPoint files. (FB7819)

- Reduced memory usage when processing large UTF-8 or Unicode text files. (FB7839)

- Resolved an issue when processing MS Word documents with missing style information in HTML mode. (FB7850)

- Added enforcement of maximum memory allocations when using the .NET API of Document Filters. (FB7851)

- Improved the processing of dBASE files when processing tables with deleted rows. (FB7858)

- Expanded the error information reported in the Document Filters API. (FB7859)

- Resolved an issue where some files were not extracted from CHM files. (FB7868)

- Improved the handling of password protected ZIP and RAR files. (FB7878)

- Improved the handling of Shift-J in HTML documents. (FB7879)

- Resolved an issue were some AVI files could cause a crash. (FB7891)

- Addressed an issue in Hi-Def output where table layout rendered extra borders and misplaced content for MS Word documents. (FB7899)

- Removed the requirement for Administration rights when installing Document Filters. (FB7921)

- Fixed an issue when processing MBOX/Sendmail files containing different date encodings. (FB7925)

- Improved the support for OLM files. (FB7926)

- Resolved an issue where shape colors were missing in MS Word documents using Classic HTML and Hi-Def mode. (FB7928)

- Resolved an issue where items within RAR files were reported as 0 size. (FB7929)

- Improved the handling of small text files. (FB7930)

- Resolved an issue where some MS Excel documents would fail to process. (FB7940)

- Improved the space handling for Word Perfect documents. (FB7943)

- Improved the handling of CRLF in MS Excel cell data. (FB7962)

- Improved handling of MS Excel documents that include different text encodings. (FB7970)

- Resolved an issue where dates for files within RAR archive may be incorrectly reported. (FB7972)

- Improved the handling of Footnotes for Open Office documents. (FB7988)

- Resolved an issue where the Table of Contents may appear twice for Open Office documents. (FB7989)

- Improved the handling of Table of Contents in Open Office documents. (FB7990)

- Improved the line-break logic for Open Office documents. (FB7992)

- Resolved an issue where date/time formatting would produce truncated results for MS Excel documents. (FB7993

- Improved metadata date handling in MSG documents indexed in HD. (FB8009)

- Resolved a condition where the body of non-English Unicode characters may not index with the correct character code. (FB8095)

- Resolved an issue where the modified date in RAR archives was off by one month. (FB8096)

- Text/HD Mode: Extended the SHOWHIDDEN option for RTF documents. (FB8124)

- HD Mode: Resolved an issue in which corrupt or unknown document formats would cause an error when scanning MS Word documents. (FB8147)

- HD Mode: Resolved an issue where cell background colors would display incorrectly in MS Excel documents. (FB8173)

- Resolved an issue where dashes were being removed prior to indexing, causing searches to return no results. (FB8180)

- HD Mode: Improved the handling of MS PowerPoint files. (FB8212)

- Fixed an issue where certain WPD file could cause a hang. (FB8215)

- Improved the detection of temporary environment variables in HD output modes. (FB8216)

- Resolved an issue in HD where attempting to open an XLS file would give a "17" error. (FB8219)

- Resolved an issue with HD where OLE objects may report the processing of subfiles even though the Supports Subfiles parameter is set to False. (FB8230)

- HD Mode: Resolved an issue where line numbers displayed incorrectly in MS Word documents. (FB8235)

- HD Mode: Improved the text spacing for some bullet lists and right-side alignment of justified text for MS Word documents. (FB8236)

- HD Mode: Fixed a problem due to out-of-range dates in MS Excel documents. (FB8262)

Perceptive Enterprise Search / Perceptive Workgroup Search

- Added MoveToFirst and MoveToLast buttons to all tables in the Admin site to improve navigability when more than one page of content is present. (FB7117)

- Improved the search result file copy behavior in Workgroup to skip failures and continue copying the remaining items. (FB7786)

- Extended Best Bet functionality to work when multiple indexes are selected. (FB8055)

- Workgroup users may now navigate back and forth between email messages and associated attachments for all supported email formats. (FB8126)

- Hovering on image results from Flickr now shows the image title rather than the URL. (FB8138)

- Fixed an error condition that may occur when attaching remote indexes, which use HTTPS with self-signed certificates. (FB8153)

- Resolved a potential access violation during indexing when processing a PST via 64-bit MAPI with Email Rules. (FB8156)

- Resolved a network path error when using Subscribed Search with an IIS-bound web site. (FB8171)

- Corrected an issue with federation between one server, with basic authentication, and another server, with forms authentication. (FB8174)

- Resolved a problem that caused the document launch button in Research Accelerator not to work with network shares. (FB8175)

- Resolved a condition that could result in an invalid URL when attempting to view the metadata of a search result. (FB8184)

- Corrected an issue with source filters on remote indexes. (FB8185)

- Fixed the ExplicitExtension parameter to work for any specified extension. (FB8194)

- Added the ability to turn SSLv2 off by editing the ISYSweb.cfg. (FB8201)

- Resolved a condition where running a Concept Taxonomy could trigger an access violation. (FB8205)

- Research Accelerator: Resolved an issue where a login screen may appear when accessing an individual result. (FB8206)

- Resolved several sorting scenarios that were not working correctly when using IW_SORT through the REST API. (FB8207)

- Closed a potential reflective cross-site scripting security risk. (FB8209)

- Corrected an issue where CacheSecurityDescriptors could prevent index backups. (FB8210)

- Corrected an issue where HTML encoded characters are not encoded in metadata. (FB8224)

- Content disposition headers are now correctly applied to HTTP document downloads. (FB8226)

- Improved the query type selection in Research Accelerator. (FB8228)

- Resolved a scenario where hit-highlighting would not mark hits on some MS Word documents. (FB8240)

- Resolved a problem when downloading search results from within PST files on an IIS hosted site. (FB8241)

- Resolved a potential "Access Denied" error when opening documents with extensions not associated to a particular application in Workgroup. (FB8243)

- Resolved an issue where the "View Image" button in Perceptive Workgroup Search may be incorrectly disabled. (FB8246)

- Resolved an issue where attachments, exported from an NSF file, are named incorrectly, creating an unusable file. (FB8252)

- Enhanced the number of results preferences to apply to all search pages. (FB8254)

- Resolved an issue where the proxy server setting in Maintenance may bypass any exclusion server/IP in the "No Proxy For" setting. (FB8256)

- HD Mode: Enhanced hit-highlighting for terms that are a combination of numbers and letters (e.g. C56607). (FB8257)

- Resolved an issue where the associated document launch would not launch the native application. (FB8291)

- Resolved a potential cross site scripting vulnerability on error pages. (FB8313)

- Fixed a condition where Intelligent Agent may spawn multiple processes when monitoring for content updates. (FB8316)

- Resolved an issue handling Germanic umlauts in the document path on relative indexes. (FB8346)

- Resolved an issue with the 'Path Contains' query filter when an umlaut character is part of the path. (FB8350)

- Increased the search term max limit from 255 query terms to a new limit of 32,767. (FB8372)

- Resolved an issue with long URLs crashing the spider indexer. (FB8389)

- Corrected an issue with spidered indexes of German websites. (FB8395)

- Resolved a potential failure for non-English Enterprise installs when the installer registers the service to: Network Service. (FB8524)

- Fixed a potential memory access violation when running a query with 3 or more IW_Parametric values. (FB8577)

- Resolved a condition where Hebrew indexes would have mis-named category names. (FB8583)

- Corrected metadata location of ISYSINDEXINGOFF tag for spidered indexes. (FB8595)

- Improved Russian language stemming capabilities. (FB8608)

- Resolved a potential error response the in REST API when using a forward slash in a quoted query. (FB8613)

- Resolved a condition in the Admin site where the Language Rules selection was not applied. (FB8614)

- Resolved an error condition when using a WebStyle query that is quoted and contains a reserved symbol. (FB8615)

- Resolved an incorrect encoding problem when returning Russian results from a remote index. (FB8616)

- Resolved a condition where IW_Sort was not sorting whole numbers. (FB8618)

- Updated Enterprise Search Alerts to allow notifications for both Success and Failure messages. (Perceptive Enterprise Search)