Kofax Invoice Automation

Release Notes

Version: 6.0.2.x

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KOFAX

Table of Contents

Overview

This guide provides an overview of the new features, product and platform enhancements, and updates included in this release of Kofax Invoice Automation (formerly known as ReadSoft Invoices) including information for previous service pack releases (see page 12).

Important notice

The ABBYY OCR engine will be deprecated within three years. Customers that use it will need to shift to the OmniPage engine.

Getting help with Kofax products

The Knowledge Base repository contains articles that are updated on a regular basis to keep you informed aubout Kofax products. We encourage you to use the Knowledge Base to obtain answers to your product questions.

To access the **Kofax Knowledge Base**, go to the Kofax website (https://www.kofax.com/) and select **Support** on the home page.

Note: The **Kofax Knowledge Base** is optimized for use with Google Chrome, Mozilla Firefox, or Microsoft Edge.

The **Kofax Knowledge Base** provides:

- Powerful search capabilities to help you quickly locate the information you need.
  Type your search terms or prase into the **Search** box, and then click the search icon.

- Product information, configuration details and documentation, including release news.
  Scroll through the **Kofax Knowledge Base** home page to locate a product family. Then click a product family name to view a list of related articles. Please note that some product families require a valid Kofax Portal login to view related articles.

- Access to the **Kofax Customer Portal** (for eligible customers).
  Click the **Customer Support** link at the top of the page, and then click **Log in to the Customer Portal**.

- Access to the **Kofax Partner Portal** (for eligible partners)**.**
  Click the Partner Support **link at the top of the page, and then click** Log in to the Partner Portal**.**

- Access to the Kofax support commitments, lifecycle policies, electronic fulfillment details, and self-service tools.
  Scroll to the **General Support** section, click **Support Details**, and then select the appropriate tab.

Installation information

This section lists important information you need to know before installing Kofax Invoice Automation 6.0.2.

- Microsoft .NET Framework 4.7.2 must be installed for this or later versions of Kofax Invoice Automation.

- ReadSoft EMAIL is no longer supported. Use ReadSoft Collector, instead. Be sure to install R 6.4 HF23 or later to be able to benefit from batching mode among other things.

- Oracle 9i is no longer supported. If you use an Oracle database, use version 10g, 11g, or 12c.

- Microsoft SQL Server 2000 is no longer supported. If you use a SQL Server database, use version 2017, 2016, 2014, 2012, 2008, or 2008 R2.

- XML Input is no longer supported. It has been replaced by new intelligent XML functionality in connection with ReadSoft Collector 6.4.

- The Kofax Invoice Automation installation program no longer includes scanner drivers or ASPI. Use the drivers supplied with your scanner, and obtain updates from the manufacturer's website.

License manager and hardware lock information

Although you can run FLEX*lm* on Windows Server 2008, no debug log is created, and warnings are displayed saying that the service and the server do not start, even though they do.

Upgrading information

This section lists important information you need to know before you upgrade to Kofax Invoice Automation 6.0.2.

- Windows XP, Windows Vista, Windows Server 2003/2003 R2/2005/2008 are not supported.
- If you upgrade from an earlier version of ReadSoft Invoices, the database can be upgraded normally in the process after installation, but it is not possible to go back to the previous version once done unless you create a new database.
- Uninstall any previously installed versions of ReadSoft Invoices before installing or upgrading to Kofax Invoice Automation.
- You cannot run older versions in parallel with Kofax Invoice Automation.
- If an existing Oracle database was *originally created* in ReadSoft Invoices 5.4 or earlier (even if it was upgraded to 5.5), it will not work with 6.0.2. When upgrading Kofax Invoice Automation with such a database, see *Kofax Inovice Automation Upgrade Guidelines* for more information.
- If you have an Oracle database and you are upgrading from ReadSoft Invoices 5.5, any masterdata (that is, supplier and buyer information in the `zrs_supplier` and `zrs_buyer` tables) must be removed **before** you start the upgrade, or you will not be able to upgrade the database in the process. Masterdata can then be reinstalled after the upgrade has been completed.
- Old (pre 5.6) definition objects used ANSI strings. The strings are converted to Unicode when read by Kofax Invoice Automation. By default, the code page used for the conversion is the one specified by the OS on the PC where ReadSoft Invoices is running. You can override that default code page in one of three ways:
  - Manager now recognizes a command-line argument to switch the selected code page from the default: /codepage *n* where *n* is a number in the range 1250-1258 or 874.2
  - A new setting in Eiglobal.ini, CodePageForUnicodeUpgrade, can also be used for this purpose. The setting is documented in *INI File Help*.
  - Recommended: Export all definitions from the database before upgrading to 6.0.2. Then import them into the Kofax Invoice Automation 6.0.2 system using **Administration > Import**. This setting allows you to select a code page when importing data from previous versions of ReadSoft Invoices.

- Recommended: To be able to get the most out of the new line item functionality, remove all definitions connected to suppliers where line item functionality is used. Old definitions will still work in the new system, but most of the new functionality will not be utilized.
- If you are upgrading from a version of Kofax Invoice Automation prior to ReadSoft Invoices 5.4, you must reinstall FLEX*lm*. See "License manager and hardware lock ".
- There are new versions of country profiles for ReadSoft Invoices 5.7 or later. The new version number is 6.0 and higher.

Plugin compatibility

Old plugins for ReadSoft Invoices that have been compiled with .NET < 4.0 have to be recompiled with .NET 4.0 or a later version. If a plugin cannot be recompiled for some reason (you only have the binaries e.g.) there is a workaround to make it work with Kofax Invoice Automation 6.0.2:

Replace the `Interop.EHICOM.dll` file (in the INVOICES\Bin folder) with one from ReadSoft Invoices 5.8 or 5.8 SP1.

Known issues

This section provides information on existing issues known to cause irregular behavior and how to avoid them.

Manager and Scan will not open due to characters from another code page found in the Images path

Due to a limitation put on Kofax Invoice Automation by a third party component, the Manager and Scan modules will not remain open when started if characters from a language with a code page that is different than the operating system are found in the path specified for images in `eilocal.ini`. For example, if you want to use Chinese characters in the Images path, the operating system for the computer on which Manager is run must use the Chinese code page, or you will not be able to set up the system.

Optimize can crash when closing

Optimize can crash when closing the program after having optimized XML invoice definitions and profiles. However, no data/changes are lost.

Incorrectly deleting fields from the XML layout can cause the XML Mapper to crash

To avoid this issue,remove field(s) from the layout by first disabling the extraction of the field in question in the XML Mapper for all XML definitions and profiles, and then delete the field(s) from the layout.

Pages that are not entirely blank are sometimes treated as blank pages

When importing multi-image files using the `DetectBlankPageWhenimportingMultiPage=1` flag to separate the invoices in the file, pages that are not entirely blank are sometimes treated as blank, and the invoice is separated incorrectly. This occurs because Kofax Invoice Automation disregards a 20 mm (non-configurable) margin from the edge of the paper which often contains endorser numbers, page numbers, and/or black marks from skewing..

Very large invoices with line items may not open in Verify

Large invoices (200+ pages) may not open in Verify if you select to interpret all pages with line items. Since 32-bit Windows limits the amount of RAM that can be allocated to a process to 2 GB, opening invoices of this size with complex line items can easily exceed the limit. The limit for 64-bit Windows is approximately 2.9 GB, and as a result, it may be possible to open larger invoices that cannot be opened in a 32-bit Windows environment..

Verify hangs when multiple XML invoices connected to the same invoice definition enter the system and the first one is sent to Optimize

If the first of multiple XML invoices that use the same invoice definition is sent to Optmize, the following invoices are parked until the initial invoice has been optimized. However, if Scanned invoice status has been selected in the Verify job or the Inbox configuration for the invoices, Verify hangs when the last of the invoices in question is handled. To workaround this issue, remove **Scanned** invoice status from the list of invoices to be processed in the Verify job or the Inbox configuration.

Using Invoice Automation's internal VBA engine

Invoice Automation's internal VBA engine is recommended only for simple debugging or status messages. Avoid using the VBA engine for production customizations. For those, use COM plug-ins.

Foreign characters in format specifications

- Characters that you use in field format specifications should be included in the character set defined for the language of the invoice profile. If they are not, Interpret will skip the field.

  To see which language is used for an invoice profile, inManager, right-click the invoice profile and select **Settings**. Then select **Character set**.

- The "format matcher" in Invoice Automation accepts Unicode strings as input but "scales down" the characters to byte/ANSI characters during the actual matching. This works for Western Latin characters but not for characters from code pages other than 1252, for example Czech or Greek.

Using the <SYSTEM> invoice profile

Invoice classification using the <SYSTEM> invoice profile assumes the modern basic Latin alphabet (letters in the English alphabet). Thus, the results are poor if fields like OrderNumber or PONumber (which are used to differentiate between general expense invoices and purchase order invoices) contain non-English characters.

Endorser strings cannot contain Unicode characters when scanned

An error message is displayed if you start a Scan job that specifies an endorser string that includes non-ANSI characters. (TFS 275)

An execution error is displayed in Verify for line items after looking at the plugins configuration dialog.

If after having filled in the necessary fields in the Supplier section in Verify but before drawing line items you access the configuration dialog for a plugin and then draw and select values for line items, the error "Execution Error (19503. 107, -1) ConfigurePlugin, PluginName = " is displayed.

Decrease in XML invoice processing with Atalasoft

Processing performance for XML invoices is decreased by 30% when using the 3rd party Atalasoft PDF converter.

Limitations

This section lists limitations in Kofax Inovice Automation 6.0.x.

- Due to the complexity and number of characters, it generally takes about twice as long to interpret invoices with Asian characters.

- Invoice profiles that are created in ReadSoft Invoices 5.8 or later cannot be used in earlier versions of ReadSoft Invoices. However, invoice profiles created in earlier versions can be used in Kofax Invoice Automation 6.0.2.

- The dialog that is accessed by clicking **Show suppliers** or **Show buyers** in the **Fields** tab of the XML Field Mapping dialog does not work when the Kofax Invoice Automation database is an Oracle database. If used, these error messages are displayed, "XML Mapper cannot access suppliers/buyers from an Oracle database!s" If logging is set at *Information* level or higher, the log, "Oracle database is not supported in connection with Smart XML.

- XML Maintenance: it is not possible to import/export the layout (from a test system to a production system, for example). This needs to be done by manually looking at the fields one by one in both systems to make sure the layout is the same.

- Node values/element attributes cannot be used as profile identifiers in connection with XML invoices. (TFS 3369)

- Information about the attachments for XML invoices can only be transferred using XML Output as the transfer method. (TFS 3657)

- If there is a link on **Supplier number** in Optimize (opened by right-clicking an XML invoice and selecting **Open**), it should not be used to change the supplier for XML invoices. (TFS 4241)

- The options **Rotate** or **Set as last page** cannot be used for XML invoices in Verify. (TFS 4238)

- No more than one person at a time should work on the same XML invoice profiles and definitions in Optimize. (TFS 4315-16)

- Starting with Invoices 5.8 SP1, information about email processed using Collector is inserted in the Verify window a a user remark. (TFS-31326)

- If the Scan Info dialog is closed by clicking **Cancel** or **Close**, the Scan module hangs. (TFS-31335)

- If the buyer name is changed in the master data, the connection to that buyer is lost in the Interpret/Transfer jobs. (24000580, TFS-34453)

- The number of invoices calculated in the production history for those coming in and those going out may not coincide since in the first case, invoices that are deleted are not included in the number whereas in the second case, the number also includes invoices that were transferred or deleted. (TFS-34886)

- If there are special characters in the body of an email, it is moved to the error folder. (TFS-35273)

- Crash reports cannot be created on a shared location. They can only be created on the local machine. (TFS-37832)

- The same profile cannot be opened by two users at the same time. The profile is locked. (TFS-38425)

- Using Barcode Code 128 as a separator on color invoices may not work. (TFS-39562)

- Invoice Automation cannot properly handle invoice definitions if two suppliers in the system are identical except for the CGID and two different definitions have been created with different descriptions. (TFS-39892)

- Filters created on the first page of an invoice for lineitems also affect the remaining pages. (TFS-40066)

- Suppliers are not identified correctly if invoices are re-separated using the Inspect module. (TFS-40296)

- Field values are not represented correctly in the InvoiceApprove event when the value is updated using the API. (TFS-41654)

- Thumbnails for back pages are not correct. (TFS-42487)

- Emails that include attachment files with names that contain unsupported characters such as double quotation marks or inverted question marks will fail with errors 11324, 101, and 37. (TFS-43560)

- Amount fields in parentheses are not captured. (TFS-43569)

- Language characters are not displayed when PDF's are converted to TIF's using Interpret. (TFS-50174)

- A maintenance task cannot remove a service log if the EndTime is not specified. (TFS-46084)

- A maintenance task cannot remove an active user list if NULL is specified as the EndTime. (TFS-40173)

- Images are not resized in Interpret. (TFS-44582)

- Format specifications that include "OR" statements do not work. (TFS-43505)

Service pack information

This section lists issues that have been resolved in subsequent service pack versions of ReadSoft Invoices, now Kofax Invoice Automation, since the release of ReadSoft Invoices 6.0.

Installation information

When using this installer on any installed version of Kofax Invoice Automation (including ReadSoft Invoices 5.9 or later), the previous version no longer needs to be uninstalled manually. When selecting the database type during installation, you are asked if you want to use the existing INI file (to keep any settings that may have been adjusted in the previous installation).
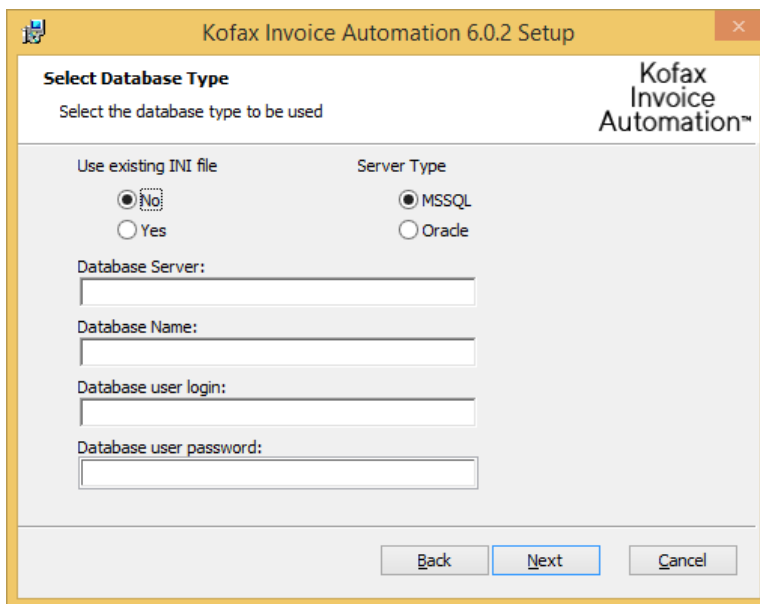
Uninstall

Uninstall the service pack in the Control Panel under **Programs/Uninstall program**.

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Features

- Email from specific senders can now be blocked when using ReadSoft Collector. (TFS-28387)

- Buyer fields can now automatically receive Complete status when the buyer is specified using a plugin. (TFS-37080)

- It is now possible to archive original customer emails to SAP. (TFS-38732)

- In addition to the number of pages that have been scanned, the Scan module now also displays to how many invoices they belong (that is, how many invoices have been scanned). (TFS-39490)

- It is now possible to separate email attachments into multiple invoices if the invoices are separated by blank pages using ReadSoft Collector. (TFS-41473)

Enhancements

- White space is now automatically removed from VATRegistrationNumber while drawing (9379, 24090866)

- It is now possible to manually type the path in connection with advanced services. (TFS-39491)

- To speed up interpretation, the creation of PDF has been moved from the Interpret module to the Transfer module. (TFS-40825)

- Fields that did not previously have a title can now be given one by adding the title to the invoice profile. (TFS-40965)

- Support has been added for Microsoft SQL 2017. (TFS-41030)

- Multipage images are now handled correctly/consistently when they contain page sizes that are not supported. (TFS-41483)

- It is now possible to save multipage images with other attachments as a single invoice. (8684, 24057466, TFS-41668)

- Users now have "select_catalog_role" in connection with an upgrade so that external parties are able to upgrade the database. (TFS-41934)

- An invoice profile has been added for Latvian invoices to be able to capture the date in Latvian format. (TFS-42568)

- Microsoft VC++ Redistributable files have been upgraded from 2008. (TFS-43006)

- It is now possible to upgrade the database connection string to MSOLEDBSQL.(TFS-43535)

- It is now possible to correctly handle multipage images when one or more page sizes are not supported. (8617, 24059973, TFS-43650)

- Support has been added for Microsoft Windows Server 2019. (TFS-48378)

- All options except Format have been removed in the Advanced tab in Optimize. (TFS-48503)

- ABBYY is now used to export PDF's with a version higher than v1.3 and PDF/A format. (TFS-48722)

- The source invoice profile is now included in the process log when rerouting invoices. (TFS-51324)

- ABBYY has been upgrade to version Abbyy FineReader 12.2. (TFS-51939)

INI file changes

Eiglobal.ini

The following flags have been added:

- *BuyerCompleteForInvoiceInterpretedEvent in [Interpret] section* - When turned on and a rule has been specified using a plugin (such as the InvoiceRules plugin) to specify the buyer for an invoice at the "InvoiceInterpreted" event, the buyer field status is automatically set to Complete as long as the buyer is available in the buyer list. If this flag is enabled and the buyer is not found in the buyer list, the field is blank and given a validation error.

- *TransferOriginalFiles in [Options] section* - When turned on and ArchiveOriginalFile=1 in eicc.ini, Kofax Invoice Automation creates the UDV - EICCARCHIVEORIGINALFILE that is used in Invoice Cockpit to get and archive original invoice files in SAP.

- *MSOLEDBSQL* in [Database] section - This flag makes it possible for Kofax Invoice Automation to connect to SQL using MSOLEDBSQL instead of the deprecated version, SQLOLEDB.

Bugfixes

Scan

- Resolved an issue where Thumbnails did not appear correctly after clicking **Continue** in the Operator Dialog for Scan. (8908, 2400447, TFS-36265)

Interpret

- Resolved an issue in which invoice pages were duplicated when converting multi-tiff images. (02192832, TFS-31449)

- Resolved an issue in which PDFText caused Interpret to crash when using ABBYY. (2330623, TFS-34176)

- It is now possible to correctly handle multipage images when one or more page sizes are not supported. (8617, 24059973, TFS-43650)

- Resolved an issue where values could not be extracted correctly if the PDFTextInput flag was turned on. (8685, 24065623, TFS-42197)

- Resolved an issue where a complex field specification caused the module to crash. (24078384, TFS-44009)

- Resolved an issue where Cyrillic and Latin characters were not interpreted correctly when they were found in the same line. (8985, 24078400, TFS-44010)

- Resolved an issue where Interpret crashed when an XML invoice was auto completed, and the invoice profile included a line item. (9152, 24084562, TFS-45297)

- Resolved an issue where certain PDF files caused the module to crash. (24085549, TFS-45091)

- Resolved an issue in which the invoice definition was still updated because of the Field Exception feature even though the AllowRelearnInVerify flag was turned off. (9533, 24090397)

- Resolved an issue in which invoices with DCX Format were not interpreted. (TFS-48334)

Verify

- Resolved an issue in which the Manager and Verify modules crashed while importing particular invoices using COLLECTOR. (8651, 24063758, TFS-41667)

- Resolved an issue in which field statuses in the first line items table were not refreshed (did not turn to green) if the quantity was set to 1. (8934, 24071490, TFS-43813)

- Resolved an issue in which Lineitem was updated even though AllowRelearnInVerify was turned off. (8914, 24047033, TFS-40292)

- Resolved an issue in which fields were mark on the wrong page even though they were extracted correctly. (8870, 24056407, TFS-43004)

- Resolved an issue in which "One-time supplier" and "New supplier" were still available in the supplier list even though they had been disabled using the VerifyDisableOneTimeAndNewSuppierButtons flag. (8995, 24077840, 44063)

- Resolved an issue in which Verify crashed when drawing a buyer field. (9107, 24077237, TFS-44838)

- Resolved an issue where color-coded fields that were not displayed in color resulted in unexpected behavior. (9130, 24083335, TFS-44834)

- Resolved an issue in which the invoice definition was still updated because of the Field Exception feature even though the AllowRelearnInVerify flag was turned off. (9533, 24090397)

- Resolved an issue in which the incorrect supplier was in focus in the display after selecting the correct one using the link. (9387, 24092403)

- Resolved an issue where random values were picked up if the field was marked in the definition but not on the new image. (9542, 24088120, 24095703, TFS-46060)

- Resolved an issue in the Supplier name dialog box where the text was displayed as right-justified when it was longer than the field dimensions. (25023184, TFS-51141)

Transfer

- Resolved an issue where invoice data was lost in the XML output file. (8716, 24057084, TFS-42326)

- Resolved an issue in which the buyer selection did not remain in the Transfer job description. (9081, 24083170, TFS-44716)

Manager

- Resolved an issue in which a user could not log in because another user was locked. (8992, 24080301, TFS-44054)

- Resolved an issue in which opening a job description took a long time if there were many buyers in the system. (8906, 24021814, TFS-36555)

- Resolved an issue in which the Manager and Verify modules crashed while importing particular invoices using COLLECTOR. (8651, 24063758, TFS-41667)

- Resolved an issue where license counters did not accurately reflect the number of invoices processed. (9370, 24086004, TFS-46447)

- Resolved an issue in which the NetAmount specification in the definition automatically changed after removing InvoiceDueDate from the profile. (9158, 24085998, TFS-45374)

- Resolved an issue in which the invoice definition was still updated because of the Field Exception feature even though the AllowRelearnInVerify flag was turned off. (9533, 24090397)

- Resolved an issue in which invoice definitions became corrupt if the "Add embedded images to the XML invoice" option was used in Collector. (9871, 25018442)

Optimize

- Resolved an issue in which Optimize crashed when attempting to use "Set last page" on a multi-page definition. (8709, 24060690, TFS-42407)

- Resolved an issue where Optimize crashed when the last page was changed. (9130, 24083335, TFS-44834)

- Resolved an issue in which the NetAmount specification in the definition automatically changed after removing InvoiceDueDate from the profile. (9158, 24085998, TFS-45374)

Plugins

- Duplicate invoice status is now updated correctly when using RemoteScanImporter (9725, 25010549)

INI files

- Resolved an issue where the TimeIntervalBetweenInstances setting under [INVOICESServices] in EILOCAL.INI did not have any effect. (9805, 25012093)

Services

- Resolved an issue in which jobs included in an instance other than the first one could not run, because only the first two digits of the instance ID were read. (24095481, TFS-51084)

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Bugfixes

Verify

- Resolved an issue that caused LineItems to be updated in the definition even though `AllowRelearnInVerify` was turned off. (9296, 24047033, TFS-40292)

- Resolved an issue where Fields were marked on the wrong page even though they were extracted correctly. (9338, 24056407, TFS-43004)

- Resolved an issue where random values were picked up if the field was marked in the definition but not on the new image. (9542, 24088120, 24095703, TFS-46060)

Manager/Optimize

Resolved an issue in which the NetAmount specification in the definition automatically changed after removing `InvoiceDueDate` from the profile. (9158, 24085998, TFS-45374)

Optimize

Resolved an issue where Optimize crashed when the last page was changed. (9130, 24083335, TFS-44834)

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Bugfixes

Scan

Resolved an issue where thumbnails did not appear correctly after clicking **Continue** in the Operator Dialog for Scan. (8908, 2400447, TFS-36265, TFS-46060)

Interpret

Resolved an issue where Interpret crashed when an XML invoice was auto completed, and the invoice profile included a line item. (9152, 24084562, TFS-45297)

Verify

- Resolved an issue in which field statuses in the first line items table were not refreshed (did not turn to green) if the quantity was set to 1. (8934, 24071490, TFS-43813)

- Resolved an issue where color-coded fields that were not displayed in color resulted in unexpected behavior. (9130, 24083335, TFS-44834)

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Updated program files

The following items have been updated in the 6.0.1 service pack:

- The following libraries have been updated to the new indicated version:

  - Jpeg   9b
  - Libpng   1.2.59
  - Zlib   1.2.11
  - Libtiff   3.9.7

- MSXML for invoices has been upgraded from version 4.0 to version 6.0.

Enhancements

- Users who do not have administrator rights can now see deleted invoices on the process log list in the Manager module. (8271, 24035206, TFS-38819)

- The "-" character has been removed from the search field in Verify. (8527, 24049260, TFS-39592)

Bug fixes

- Resolved an issue in which the license counter was not reset. (8250, 24049776, TFS-39144)

Verify

- Resolved an issue in which it was not possible to fetch the supplier number when the buyer was not found . (7637, 24002959, TFS-34749)

- Resolved an issue in which the buyer field was not filled automatically after drawing. (8472, 24050870, TFS-40949)

- Resolved an issue in which it was not possible to create variants if the supplier description was inactive . (8424, 24056375, TFS-40393)

- Resolved an issue in which the wrong variant was connected during interpretation even though the correct one was mentioned in the process log . (8480, 24056469, TFS-40973)

- Resolved an issue in which the "total amount" field value was different in Verify and Transfer. (8562, 24062774, TFS-41344)

- Resolved an issue in which the supplier field was not automatically populated with the supplier name if only "Use imported supplier data for identification, and display it in Verify when searching for a supplier" was selected in the Master data policy dialog. (TFS-42802)

Transfer

- Resolved an issue in which transfer generated event viewer errors under certain conditions . (8397, 24028991, TFS-39796)

- Resolved an issue in which the "total amount" field value was different in Verify and Transfer. (8562, 24062774, TFS-41344)

ReadSoft Invoices 6.0.0.x

The following enhancements are now available in ReadSoft Invoices 6.0.0.

Enhancements

See the help for more information.

- It is now possible to sort the contents of inbox folders by the source of the invoices.
- It is now possible to make specific inboxes read only.
- Individual fields that should not be editable in Verify can now be specified as read-only.
- It is now possible to enable a batch counter for invoices scanned remotely.
- It is now possible to include the original image file with the output regardless of the input source.
- It is now possible to import invoice profiles even if the names already exist in the system.
- You can now delay the transfer of invoice data for a specified amount of time to allow for mistakes to be rectified before it is transferred.
- It is now possible to include the invoice's input source and the email address from which an invoice was sent, if sent by email, when using XML output.
- It is now possible to specify that individual line-item fields must be filled.
- It is now possible to use Kofax VRS for scanners that are not certified for ReadSoft Invoices.
- Buyer logging has been improved.
- It is now possible to assign an invoice to any invoice profile when scanning invoices using the <SYSTEM> profile.
- It is now possible to connect fields to specific database tables in a database that contains a static list.
- It is now possible to have ReadSoft Collector ignore email attachments that are larger than the specified size.
- It is now possible to email feedback concerning an invoice directly from Verify.
- It is now possible to generate an XML invoice image in landscape mode.
- A WebAPI has been developed and included with the installation. It includes a test Web client that is an example of what can be developed using the WebAPI, but the implementation does not contain all features needed to use it in production.

PM Services

When running an instance as a service, all jobs are processed now before checking the idle-time condition. (7659, 02341247, TFS-35882)

INI configuration files

Changes and new functionality added to the configuration files are listed below. See INI file help for more information.

Eiglobal.ini

[Options] section

`ValidateSupplierFieldsInVerify=0` (new flag from ReadSoft Invoices 5.9.1.2)

[General] section

`ColumnsLimitForLandscapeLayout=9`

See INVOICES-INI-help.chm for more information. Flags are listed with their default values.

Bug fixes

The following fixes have been included in ReadSoft Invoices 6.0.0.

Manager

- Resolved an issue where the Manager module crashed while updating the invoice definitions after a single-item field was adde to an invoice profle (TFS-32433, 02221354).

- Resolved an issue in which the error, "Arithmetic operation resulted in an overflow" appeared when both the supplier list was displayed in the Manager module and a supplier link was clicked in Verify (TFS-34212, 02317166)

- Resolved an issue in which the invoice definitions view did not open when running the program on a workstation with a Swedish operating system (OOS:7686, TFS-34291).

- Resolved an issue in which a user was able to reset their password with more than eight characters but only a maximum of eight characters was allowed the next time they logged in (TFS-33047).

Scan

- Resolved an issue in which thumbnails display incorrectly after clicking Continue in the Operator Dialog (TFS-34904, 2400447).

- Resolved an issue in which thumbnails display incorrectly after clicking Continue in the Operator Dialog (TFS-36265, 2400447).

Interpret

- Resolved an issue in which Interpret crashe when using ABBYY (TFS-29723, 02125255).

- Resolved an issue in which a PDF processed using ReadSoft Collector caused Interpret to crash (TFS-30913, 02161160).

- Resolved an issue in which the interpretation results were different depending on whether the invoices were imported directly or using ReadSoft Collector (OOS: 7346, TFS-31195, 02161477)

- Resolved an issue in which a new PDF created Transfer overwrote the one created in Interpret (TFS-28946, 02182709)

- Resolved an issue in which Interpret crashed when running under the RPM plugin (OOS:7430, TFS-33909, 02288070).

- Resolved an issue in which monetary values were not interpreted correctly for Agility (OOS:7392, TFS-33358, 02293311).

- Resolved an issue in which the value of the Quality column for a LineItem field could not be extracted correctly (TFS-30799).

Verify

- Resolved an issue with LearningOverridesValidation (TFS-29603, 02116357).

- Resolved an issue in which "Go to next incomplete field after drawing" was not working correctly for line items (OOS:7635, TFS-31244, 02179744).

- Resolved an issue where a complete invoice could not be approved directly by pressing Enter (TFS-32801, 02259408).

- Resolved an issue where lineItem rows on a definition were always highlighted (OOS:7681, TFS-35307, 02320686).

- Resolved an issue in which a Taiwanese invoice date could not be captured correctly (OOS:7693, TFS-35035, 02324560).

- Resolved an issue where spaces were removed from a value when committing the field (TFS-34174, 02330390).

- Resolved an issue in which focus in Verify for an invoice with Complete status was incorrectly on the supplier field (OOS:7665, TFS-34157, 02336682)

- Resolved an issue where the behavior changed after turning off VerifyAllowBuyerSelection (OOS:7657, TFS-35028, 24000575)

- Resolved an issue where it was not possible to use the TAB key to validate line-item fields (OOS:7656, TFS-34455, 24000597)

- Resolved a critical defect related to line items (OOS:7700, TFS-35264, 24009876).

- Resolved an issue in which supplier detail info was displayed automatically covering the information for other single item fields (OOS:7608, TFS-34763, 24001727)

- Resolved an issue in which the header field received a validation error after drawing a line item (OOS:7717, TFS-34526, 24002521).

- Resolved an issue in which using TAB would not approve the buyer (OOS: 7650, TFS-34504, 24002523).

- Resolved an issue where the supplier field was incorrectly empty by default when selected (OOS: 7651, TFS-34805, 24002525)

- Resolved an issue in which it was not possible to complete an invoice after solving errors caused by drawing line items even though the header was complete (OOS:7655, TFS-34535, 24002532).

- Resolved an issue in which the supplier could not be changed the first time the invoice was verified. (OOS:8045, TFS-37626, 24028776).

- Resolved an issue in which using TAB to approve the supplier did not work if the VerifyDisableSupplierDescriptionField flag was enabled. (OOS:8252, TFS-36896,24024123)

- Resolved an issue where invoices with scanned status could not be displayed in the Verify module if they were connected to the SYSTEM profile. (8253, TFS-38749, 24045588)

- Resolved an issue where field rules were not applied when an invoice was opened in Verify. (OOS:8272,TFS-39207, 24046273)

- Resolved the appearance of a strange message that occurred when selecting an existing supplier and pressing **No** when asked if you wanted to use it (TFS-22490)

- Resolved an issue in which Verify was put in the background when Inspect was closed (TFS-22793).

- Resolved an issue with the latest version of Invoice Rules in which newly added field types could not be seen in the list when adding rules (TFS-28225).

- Resolved an issue in which the line-item row count was returned to zero even though line items were still present (TFS-30725)

- Resolved an issue in which it was not possible to create variants (TFS-31102).

- Resolved an issue in which it was not possible to reroute more than invoice at a time in Verify (OOS:7311, TFS-32970)

- Resolved an issue where no value was set for a UDV if the subject contained an asterix (TFS-36444).

Transfer

- Resolved an issue in which an extra period was added to multi-page TIF filenames when transferring files that were imported using ReadSoft Collector (TFS-37596, 24020106).

- Resolved an issue in which it was not possible to transfer invoices connected to a buyer if "Name1" for the buyer ended with an empty space character (OOS:7466, TFS-34039)

- Resolved an issue in which invoices were transferred even though the images could not be moved (TFS-20016)

- Resolved an issue in which it was not possible to transfer invoices connected to a newly added buyer (TFS-33896)

Optimize

- Resolved an issue where Optimize crashed when saving a multipage image definition (TFS-36589)

- Resolved an issue in which table boundaries were found but there were no table row definitions (TFS-30962).