

Release Notes

OpenText™ Captiva® Capture
Release 7.5

- [Legal Notice](#)
- [Table of Contents](#)
- [Revision History](#)
- [Overview](#)
- [Features and Updates](#)
- [System Requirements](#)
- [Installation and Upgrade](#)
- [Fixed Issues](#)
- [Known Issues](#)

Legal Notice

This documentation has been created for software version 7.5.

It is also valid for subsequent software versions as long as no new document version is shipped with the product or is published at <https://knowledge.opentext.com> (<https://knowledge.opentext.com/>).

Open Text Corporation

275 Frank Tompa Drive, Waterloo, Ontario, Canada, N2L 0A1

Tel: +1-519-888-7111

Toll Free Canada/USA: 1-800-499-6544 International: +800-4996-5440

Fax: +1-519-888-0677

Support: <https://support.opentext.com> (<https://support.opentext.com/>)

For more information, visit <https://www.opentext.com> (<https://www.opentext.com/>)

Copyright © 2019 Open Text. All Rights Reserved.

Trademarks owned by Open Text.

Adobe and Adobe PDF Library are trademarks or registered trademarks of Adobe Systems Inc. in the U.S. and other countries.

One or more patents may cover this product. For more information, please visit, <https://www.opentext.com/patents> (<https://www.opentext.com/patents>)

Disclaimer

No Warranties and Limitation of Liability

Every effort has been made to ensure the accuracy of the features and techniques presented in this publication. However, Open Text Corporation and its affiliates accept no responsibility and offer no warranty whether expressed or implied, for the accuracy of this publication.

Table of Contents

[Legal Notice](#)

[Revision History](#)

[Overview](#)

[Resources](#)

[Documentation and Support](#)

[EMC Online Communities](#)

[Providing Feedback](#)

[Documentation Feedback](#)

[Product Enhancement Requests](#)

[Features and Updates](#)

[New Captiva Capture Web Client](#)

[Captiva REST Services](#)

[Desktop Family of Modules](#)

[New Identification Module](#)

[New Standard Import Module](#)

[Updated Modules](#)

[Captiva Designer](#)

[Enhanced Population and Validation](#)

[Population Rules](#)

[DQL Based Population and Validation](#)

[Text File Based population and validation](#)

[CaptureFlow Designer Compiles Processes That Require Only the .NET Runtime](#)

[IAVariant No Longer Supported in Captiva Designer](#)

[Expression Functions Changed to Conform to .NET Behavior](#)

[New Expression Functions for String Manipulation](#)

[DeploymentUtility.exe Improvements](#)

[CaptureFlow Designer Improved Usability](#)

[Installing a Process with Copied Setup Settings](#)

[Improved Editing and Sharing of Custom Values](#)

[Simplified IA value Assignment](#)

[Search functionality](#)

[Zooming](#)

[New Integrated Script Editor](#)

[New Event Handlers in CaptureFlow Scripting](#)

[Recognition Designer](#)

[New Fuzzy Regular Expressions](#)

[Automatically fix value](#)

[Output format](#)

[PAL Improvements](#)

[Extraction Improvements](#)

[Can Now Select the Classification Method When Creating Templates](#)

[Improved Usability for Unit Testing](#)

[Captiva Administrator](#)

[Reports Designer No Longer Installed](#)

[Reason for Batch Deletion Can Be Logged](#)

[Internal Steps Are Now Hidden](#)

[Completion](#)

[Extraction](#)

[East Euro / APAC OCR](#)

[NuanceOCR](#)

[New NuanceOCR Setup Options](#)

[Deprecated Output Format Settings](#)

[Archive Export](#)

[Page Count is Now Shared for Advanced Recognition Licenses](#)

[InputAccel Server](#)

[InputAccel Server Available Only on 64-bit](#)

[VBA 32-bit Runtime No Longer Required for InputAccel Server](#)

[Hardware Security Keys Deprecated](#)

[Installer](#)

[Microsoft .NET Framework No Longer Installed](#)

[Components and Modules: Legacy, No Longer Shipped, and To Be Deprecated](#)

[Legacy Modules](#)

[InputAccel Remoting No Longer Shipped](#)

[Modules No Longer Shipped](#)

[Exporting to FileNet Panagon CS System No Longer Supported](#)

[Components Deprecated in Future Releases](#)

[Click-once Deployment Utility](#)

[Page Registration Module](#)

[Custom Modules](#)

[Localization](#)

[Localized Components](#)

[Components Not Localized](#)

[System Requirements](#)

[Upgrade Requirements](#)

[Database Server Requirements \(Optional\)](#)

[Database Server Hardware Requirements](#)

[Database Server Software Requirements](#)

[InputAccel Server Requirements](#)

[Server Hardware Requirements](#)

[Server Operating System Requirements](#)

[Additional Third-party Software Requirements for the Server](#)

[Captive REST Service Host Requirements](#)

[Web Server Hardware Requirements](#)

[Web Server Software Requirements](#)

[Web Server Additional Software](#)

[ClickOnce Host Requirements](#)

[Web Server Hardware Requirements](#)

[Web Server Software Requirements](#)

[Web Server Additional Software](#)

[Client Machine Requirements](#)

[Common Requirements for All Client Modules](#)

[Client Hardware Requirements](#)

[Client Operating System Requirements](#)

[Additional Third-party Software Requirements for the Client Modules](#)

[Module-Specific Requirements](#)

[Captive Capture Web Client Requirements](#)

[Web Client Hardware Requirements](#)

[Web Client Software Requirements](#)

[Additional Third-Party Requirements for Web Client](#)

[Supported ODBC Drivers](#)

[EMC Product Compatibility](#)

[Captive Cross Product Compatibility](#)

[Installation and Upgrade](#)

[Fixed Issues](#)

[Known Issues](#)

[Installation / Upgrade](#)

[Reporting](#)

[Client Modules](#)

Revision History

Revision Date	Description
June 2019	Added known issue, CAPC-6644.
January 2017	<ul style="list-style-type: none">In EMC Product Compatibility, updated versions for VMware Workstation.In System Requirements, added references to the eLab document (E-Lab Interoperability Navigator).
August 2016	In Module-Specific Requirements , added requirements for Web Services.
July 2016	In Client Hardware Requirements , changed “task instance” to “module instance”.
April 2016	<ul style="list-style-type: none">Updated System Requirements to include support for Windows 10. Updated Module-Specific Requirements to specify the components not supported in Windows 10.In Module-Specific Requirements, the Image Converter module requirements include enabling the Launching user instead of Interactive user on the Identity tab.Generalized InputAccel Server failover clustering requirement from specific editions of Microsoft Windows Server to any edition of Windows Server that includes the Failover Clustering feature. See Server Operating System Requirements.
March 2016	VMware Horizon View 6.2 is now supported. See EMC Product Compatibility .
December 2015	Clarified that support for modules that are no longer shipped is governed by the product support lifecycle that corresponds to each module's version. See Modules No Longer Shipped .
September 2015	Citrix XenApp 7.5 and 7.6 are now supported. See EMC Product Compatibility .
June 2015	<ul style="list-style-type: none">Updated System Requirements to include support for the following:<ul style="list-style-type: none">Microsoft SQL Server 2012 SP2Documentum Advanced Export: Documentum 7.2Corrected supported versions of Microsoft SQL Server 2014 and Windows 8.1.Updated Module-Specific Requirements: Captiva Designer requires NET Framework 4.5.2 Developer Pack to be installed.Updated EMC Product Compatibility: Advanced Recognition is FIPS-compliant.
May 2015	Initial release.

Overview

Captiva Capture captures and processes documents from a variety of sources including scanners, fax servers, email servers, file systems, web services, and via RESTful web services. Document information can be stored as images, text, or both. Captiva Capture is optimized for capturing documents, not storing them for long-term access. Typically, documents remain in the system for a few hours to a few days, until they are exported to a content repository or other back-end system.

Captiva Capture is a scalable solution that optionally uses multiple servers to manage resources. Therefore, it can process large amounts of data from throughout your enterprise. It also handles multiple languages and system locale settings. Benefits of Captiva Capture include:

- Reducing operating costs caused by factors such as document preparation and data entry.
- Reducing recovery costs caused by mishandled physical documents.
- Improving information quality for critical business processes.
- Accelerating business processes by providing immediate access to all information and supporting documentation.
- Enforcing strong compliance control by storing documents and metadata electronically.
- Minimizing processing errors, improving data accuracy, and boosting productivity.

Resources

Documentation and Support

For the latest product documentation and support materials, including White Papers and Technical Advisories, refer to EMC Online Support (<https://support.emc.com> (<https://support.emc.com>)). Check regularly for new and updated documentation to ensure that you have the latest system information.

Note: Documentation installed, or packaged with the product on the download center, is current at the time of release. Documentation updates made after a release are available for download from EMC Online Support.

EMC Online Communities

Visit EMC Community Network (community.emc.com/go/contentmanagement) for peer contacts, conversations, and content on product support and solutions. Interactively engage online with customers, partners and certified professionals for all EMC Products.

Providing Feedback

Documentation Feedback

Your opinion matters. We want to hear from you regarding our product documentation. If you have feedback about how we can make our documentation better or easier to use, please send us your feedback directly at ECD.Documentation.Feedback@emc.com.

Product Enhancement Requests

Help us to improve the products that you use. Use our Enhancement Request System, available from many [product support](#) pages, to tell us what you would like to see in future releases.

Features and Updates

This section highlights the major functionality changes included in this release. Refer to the product documentation for complete information about these features.

- [New Captiva Capture Web Client](#)
- [Captiva REST Services](#)
- [Desktop Family of Modules](#)
- [New Identification Module](#)
- [New Standard Import Module](#)
- [Updated Modules](#)
- [Page Count is Now Shared for Advanced Recognition Licenses](#)
- [InputAccel Server](#)
- [Installer](#)
- [Components and Modules: Legacy, No Longer Shipped, and To Be Deprecated](#)
- [Localization](#)

New Captiva Capture Web Client

Captiva Capture Web Client is a new, licensed, easy-to-use, Web-based capture application that you run in a browser in distributed capture environments. A distributed capture environment consists of diverse locations such as branch offices and other remote locations where capture operations are only one of several business operations and are frequently performed on an ad hoc basis.

Captiva Capture Web Client provides the following features:

- **Captures information**
 - Captures paper documents from scanners and imports computer files.
 - Improves image quality, cleans up images to improve image clarity and readability, and speeds up processing without manual intervention.
 - Enhances images to improve recognition results.
 - Enables organizing documents into logical groups; for example, when processing multiple loan applications, each applicant's documents can be organized under the loan number or their name.
 - Enables rearranging pages within and between documents.
- **Classifies information**
 - Identifies documents so that they are routed to the appropriate data extraction processes.
 - Enables operators to change document identification (also known as **Document Types**).
- **Extracts information**
 - Enables data extraction from identified documents.
 - Performs optical or intelligent character recognition (OCR) to extract machine and handprint text using zonal OCR for structured documents.
 - Reads bar codes to extract alphanumeric data.
- **Validates information**
 - Assists in simple field validation using patterns.
 - Validates data formulas against an external database or custom business rules.
 - Enables operators to check, correct, and finalize extracted data.

Captiva REST Services

New features for Captiva REST Services are the following:

- **Module Server**

The Module Server mainly supports distributed capture environments. It is a scalable Windows service that provides classification and extraction, full-page OCR, image conversion, image processing (including reading barcodes), and data population and validation features. Module Server services are called by the Captiva REST Services Ad hoc services.

- **Ad hoc services**

The Ad hoc services call the Module Server services from Captiva REST Service clients such as Captiva Capture Web Client.

- **Captiva Capture REST Services Licensing tool**

The Captiva Capture REST Services Licensing tool manages Captiva REST Service client (including Captiva Capture Web Client) and Module Server licensing.

[Release Notes > Features and Updates >](#)

Desktop Family of Modules

Captiva Capture introduces a new interface for manual classification called Identification. The Identification module is part of the Desktop Family of modules. As part of this effort, Captiva Desktop is renamed to Completion. Both modules are aligned to have a similar look and feel as well as common functions. Identification allows customers to identify document types and assign templates and Completion allows users to complete the data entry form and validate any extraction results.

[Release Notes > Features and Updates >](#)

New Identification Module

Captiva Capture provides a new high-performance operator client, EMC Captiva Identification, which exposes a new-style full-featured interface for manual classification and pre-indexing. Identification is part of the Captiva Desktop family and is designed to replace the Classification Edit module. It inherits the basic functionality of Classification Edit and offers a number of advanced features.

Note: Identification can be used by all Captiva Capture customers. If a customer has purchased an Advanced Recognition, Identification is used for manually classifying the images that the Classification step was unable to. For customers who do not have Advanced Recognition, Identification can be used for high speed manual classification. Both sets of customers can also use it do page assembly.

Depending on permissions granted during module setup, Identification operators can perform the following high-level tasks:

- Manually classifying by assigning a template to a page or to a group of pages
- Changing the document type, which determines the scope of available page templates
- Previewing the template and the image
- Indexing using key from image (KFI) and rubberbanding
- Navigating to the page in the task tree
- Managing the task structure (splitting and merging nodes, creating empty nodes; copying, pasting, cutting, and deleting nodes)
- Flagging pages and documents (including for rejecting)
- Adjusting the image view using zooming, panning, and rotating
- Printing documents
- Annotating images

The Identification features are customized in the module's setup settings and no longer stored in a DPP project.

Identification complies with the new profile scripting and API, which allows you to write Document Type scripts for mid-task manipulation. Based on the Document Type data model, the Identification module allows for direct access to the document (UIM) data.

Like all new operator-facing modules, Identification automatically shares enterprise-wide style settings that affect the look and behavior of its user interface.

[Release Notes > Features and Updates >](#)

New Standard Import Module

The Standard Import module imports image files from directories, email and attachments from an email server, and files and batch node values from the Captiva Capture Web Client as batches.

Standard Import is designed to replace the Multi-Directory Watch and Email Import modules. It inherits the basic functionality of these modules and offers additional features.

Specifically, Standard Import performs the following tasks and functions:

- **Import data from multiple sources:** Standard Import transforms data from a folder or an email account to batch data. It can also scan paper documents and import document image files.
- **Profile-based import:** The module gains much of its flexibility through its profile-based nature. It reads the import profiles from InputAccel (IA) Server and monitors file system directories and email servers for new data, composes the new data into a node structure of images and values, and then publishes the node structure to IA Server as a batch. Each profile determines the instructions for monitoring only a single folder or a single mailbox. A customer can use a profile to create batches by assigning a specific CaptureFlow. The following types of import profiles are available:
 - File System: Instructions to monitor a file system directory
 - Email: Instructions to monitor an email server
 - Distributed Capture: Instructions for scanning paper documents and importing document image files
- **Schedule-based polling for files and emails:** The profile defines the polling period and/or polling rule according to which a file directory/email server is polled for data. It also performs periodic checks for any 'Pause' or 'Stop' requests. Exits the flow for a stop request and for a pause request, completes the current work and stops polling until you reset the pause request.
- **Filter-based processing for files:** The module defines filter patterns using regular expressions to select valid filenames and extensions for batch processing. It filters the files that match the pattern and then assembles them into a batch. Files that fail the validation process are skipped.
- **Batch assembly and creation:** Standard Import assembles the filtered data and images into a node structure, and creates a batch or batches based on the profile configurations. If the minimum number of files for batch creation is not available, it skips creating the batch and waits until the required number of files is available.
- **Custom scripts:** The Standard Import behavior can be customized using custom scripts. The import profile must be configured to use a script.
- **Multiple output subfolders for files and emails:** The profile determines the output folder into which Standard Import moves the processed items.

[Release Notes > Features and Updates >](#)

Updated Modules

The following modules have been updated in this release:

- [Captiva Designer](#)
- [Recognition Designer](#)
- [Captiva Administrator](#)
- [Completion](#)
- [Extraction](#)
- [East Euro / APAC OCR](#)
- [NuanceOCR](#)
- [Archive Export](#)

[Release Notes > Features and Updates > Updated Modules >](#)

Captiva Designer

- [Enhanced Population and Validation](#)
- [CaptureFlow Designer Compiles Processes That Require Only the .NET Runtime](#)
- [IAVariant No Longer Supported in Captiva Designer](#)
- [Expression Functions Changed to Conform to .NET Behavior](#)
- [New Expression Functions for String Manipulation](#)
- [DeploymentUtility.exe Improvements](#)
- [CaptureFlow Designer Improved Usability](#)

[Release Notes > Features and Updates > Updated Modules > Captiva Designer >](#)

Enhanced Population and Validation

- [Population Rules](#)
- [DQL Based Population and Validation](#)
- [Text File Based population and validation](#)

Population Rules

A document type can now define two sets of rules:

- Population rules that serve for populating index fields with data calculated by an expression or in scripting, or extracted from external data source (ODBC database, a Documentum repository, or a text file)
- Validation rules that serve to verify the field's data and highlight the field with invalid content

The Extraction and Completion modules execute these rules based on a document type assigned during the step setup.

DQL Based Population and Validation

Document Type rules can now populate and validate index fields using data fetched from Documentum repositories. This functionality utilizes a new DQL query that works through a Documentum connection. Communication between the server executing a batch and one or more Documentum servers is established through the REST services. Encrypted authentication (Kerberos) is supported as an option.

Text File Based population and validation

Document Type rules can now populate and validate index fields using data from a local or network-located text file. This functionality utilizes a new Text File query that works through a File System connection.

CaptureFlow Designer Compiles Processes That Require Only the .NET Runtime

CaptureFlow Designer now compiles processes that require only the .NET runtime. In previous CaptureFlow Designer releases, processes still required the VBA runtime. Because VBA is an old technology, moving to .NET promotes usability and ensures the ongoing viability of processes. Furthermore, you can now use CaptureFlow Designer to update a process (within certain restrictions) such that after you deploy the updated process, then all of that process's existing batches use the updated process.

Note:

- Process Developer remains unchanged from the previous release and continues to compile processes that require the VBA runtime.
- Version 6.0 SP3 through 7.1 processes and batches continue to work without modification on InputAccel Server.
- You can use CaptureFlow Designer 7.0 and 7.1 to deploy processes to InputAccel Server.

IAVariant No Longer Supported in Captiva Designer

IAVariant is no longer supported in Captiva Designer; however, it is still supported in Process Developer.

Expression Functions Changed to Conform to .NET Behavior

The following functions have been changed to conform to .NET behavior:

- **int DateDiff(DateTime date1, DateTime date2, int part)**

In CaptureFlow Designer, the behavior of the `int DateDiff(DateTime date1, DateTime date2, int part)` function has been changed from subtracting `date2` from `date1` to subtracting `date1` from `date2` as follows:

```
date2 - date1 = return_value
```

In most cases, you do not need to modify your expressions; however, to ensure a positive value, take the absolute value of the return value.

- **string FormatDate(DateTime value, string dateFormatSpecifier)**

In CaptureFlow Designer, the behavior of the `string FormatDate(DateTime value, string dateFormatSpecifier)` function has been changed as follows:

- The `tt` format specifier is no longer ignored; that is, you can now specify `tt` with `H` or `HH`.
- The `tt` format specifier is explicitly required in order to include either `AM` or `PM` in the return value; that is, if you specify `h` and require `AM` or `PM` to be included in the return value, then you must also specify `tt`.

New Expression Functions for String Manipulation

The following functions have been implemented to improve string manipulation:

- `RemoveWhiteSpace`: Returns a new string after removing from it all white space characters.
- `RemoveCharacters`: Returns a new string after removing from it all occurrences of the specified substring.
- `ReplaceCharacters`: Returns the string after replacing any occurrence of the specified character with the replacement character.
- `Select`: Returns one of the two strings based on a condition.
- `RegexReplace`: Uses the pattern string (regular expression) to make character replacements in the value string and returns one or more replacement occurrences. Is based on the standard .NET Regex replace functionality.
- `Capitalize`: Returns a string with all words capitalized.
- `ApproximateMatch`: Returns an approximate match value in the range of 0 (“no match at all”) to 100 (“complete match”).

DeploymentUtility.exe Improvements

The following improvements have been made to `DeploymentUtility.exe`:

- Download service components (except for `CaptureFlows` and profile scripts) from an InputAccel Server to your local machine and then open them in Captive Designer for debugging.
- When deploying a process instance, you can specify a name for it that is different from its associated `CaptureFlow` name.

CaptureFlow Designer Improved Usability

- [Installing a Process with Copied Setup Settings](#)
- [Improved Editing and Sharing of Custom Values](#)
- [Simplified IA value Assignment](#)
- [Search functionality](#)
- [Zooming](#)
- [New Integrated Script Editor](#)
- [New Event Handlers in CaptureFlow Scripting](#)

Installing a Process with Copied Setup Settings

Now you have an option to install a process on the server with its setup settings immediately copied from a different installed process. This enhancement allows you to skip setup of every process step and proceed to debugging without delay.

Improved Editing and Sharing of Custom Values

The updated `CaptureFlow Designer` allows you to define custom values in any `CaptureFlow` and then quickly move them all or only selected values to other `CaptureFlows`. You can copy custom values within the same capture system and between different capture systems. Each custom value is identified with a unique combination of the value name, module, and level. The paste functionality recognizes the duplicates and provides you with an option to overwrite the existing custom values with the copied ones, or not to overwrite the lines that already exist, or cancel pasting for all copied values.

Copying data between different `CaptureFlow Designer` windows is not supported.

Simplified IA value Assignment

When dragging a step on the chart, some commonly used IA value mappings are pre-populated in the **Assign Values** dialog automatically. These automatic assignments apply for output image to input image mappings, OCR data cache mappings, output XML data to input XML data mappings, and UIM data transfer.

The autocompletion functionality now populates the **Assign Values** choice lists with mandatory values on top and other values sorted alphabetically. While typing the value name, the choice list is filtered to show all entries containing the pattern. If any value in the list starts with the pattern, this value is selected automatically.

[Release Notes](#) > [Features and Updates](#) > [Updated Modules](#) > [Captiva Designer](#) > [CaptureFlow Designer Improved Usability](#) >

Search functionality

CaptureFlow Designer exposes the new **Search** panel where you can specify a string pattern and find all entries in CaptureFlow step names, IA value assignments, conditions, departments, comments (**Step Properties** dialog), and script code. All found entries are added to the **Results** panel; a click on such a link opens the entry in the respective dialog or editor.

[Release Notes](#) > [Features and Updates](#) > [Updated Modules](#) > [Captiva Designer](#) > [CaptureFlow Designer Improved Usability](#) >

Zooming

Now the CaptureFlow chart can be scaled to a particular percentage within 25% and 200% or to fit into the design pane. Options can be selected from the list of sizes or a custom size can be entered and applied. Zooming with a mouse wheel is supported with a zooming factor of +/- 5%.

CaptureFlow chart zooming has no relation to zooming in print settings.

[Release Notes](#) > [Features and Updates](#) > [Updated Modules](#) > [Captiva Designer](#) > [CaptureFlow Designer Improved Usability](#) >

New Integrated Script Editor

The C#/VB.NET script editor is now fully integrated with CaptureFlow Designer and appears in the **Scripting** tab. The new script editor is managed by CaptureFlow Designer menu commands. The integrated script editor simplifies the implementation process by adding the following improvements:

- Step scripting can be added and deleted on the chart and in the **Scripting** tab.
 - The navigation panel in the **Scripting** tab shows all steps and batch events with added scripting. A click on a step in the panel opens the script file with the empty methods automatically added for the step. If deleted, these code patterns can be easily restored using autocompletion context help.
- Renaming a step in the chart automatically renames the script methods used by that step. Removing a step removes its script file.
- Compilation errors and warnings display in CaptureFlow Designer's **Problems** tab.
- Syntax auto-complete functionality is supported.
- Syntax-based code highlighting is supported.
- The old Sharp Develop project infrastructure is no longer supported. No project or solution is created per a CaptureFlow. The script code is packed to/unpacked from an XPP file rather than stored on a disk.
- The earlier versions of XPP files with externally stored scripting can be converted to the current XPP file format, which includes copying scripting into the new XPP file without changes.
- Debug mode is supported. The script editor exposes the **Debug** toolbar with basic operations.

Debugging can be run in execution mode or in break mode (step over/into/out, run/continue). The script developer can utilize auxiliary debugging tools such as local variables, watchers, call stack, breakpoints, console.

For safety, debug mode locks CaptureFlow Designer on the current CaptureFlow. Switching to other CaptureFlows during debugging is not allowed.

Debugging batches created in earlier versions of CaptureFlow Designer is not supported. The script developer must use an earlier version of CaptureFlow Designer.

[Release Notes](#) > [Features and Updates](#) > [Updated Modules](#) > [Captiva Designer](#) > [CaptureFlow Designer Improved Usability](#) >

New Event Handlers in CaptureFlow Scripting

CaptureFlow scripting has been enhanced with the following step and batch event handlers:

- `<Step>_Error`: In addition to `Prepare` and `Finish` script methods, now every CaptureFlow step can implement its own scripting to handle the `OnError` event. This allows for additional logging, putting the batch on hold, or other routines that handle the step's error state.
- `DefaultStepError`: This method is called by default when a step in error does not implement its own `Error` event handler.
- `Batch_Delete`: This method is called when deleting a batch and intended as a place for additional reporting, for instance, when the batch deletion is performed in Captiva Administrator and this event is not tracked in CaptureFlow Designer.

Recognition Designer

- [New Fuzzy Regular Expressions](#)
- [PAL Improvements](#)
- [Extraction Improvements](#)
- [Can Now Select the Classification Method When Creating Templates](#)
- [Improved Usability for Unit Testing](#)

New Fuzzy Regular Expressions

Like the standard **Regular expression** option, fuzzy regular expressions are used to build rules for keyword classification, zonal recognition, and to build free form rules with Free Form Designer. However, unlike the **Regular expression** option, fuzzy regular expressions take advantage of the **Hit threshold** option, which enables a single regular expression to have a wider range of text matches. Therefore, a fuzzy regular expression can compensate for small but consistent OCR inaccuracies.

In addition, fuzzy regular expressions have the following usability advantages over the **Regular expression** option:

- Less complex regular expression construction and fewer regular expressions
- Reduced maintenance
- Application to a wider range of OCR engines
- Less scripting

Note: Fuzzy regular expressions are available only for full-text field keywords, field-specific type definitions, and zonal recognition.

Fuzzy regular expressions also include the following options:

- [Automatically fix value](#)
- [Output format](#)

Automatically fix value

For zonal recognition and in Free Form Designer for keywords, you can now select the **Automatically fix value** option to enable OCR engines to automatically substitute low-confidence scanned characters with an appropriate alternate character. However, if an appropriate alternate is not available, then a question mark is substituted.

For example:

- If a fuzzy regular expression specifies digits only for a zip code (for example, `\d{5}`) and the following conditions are also true:
 - A zero is recognized as the letter O.
 - A zero exists as an alternate character.
- Then, a zero is substituted.

Note:

- This option is available only with the **Fuzzy regular expression** keyword type.
- The alternate characters available for substitution are provided by each particular OCR engine; that is, the available alternate characters can vary between OCR engines.
- This option is more resilient to noise in character recognition.

Output format

For zonal recognition and in Free Form Designer, in the **Output format** option, you can specify a regular expression that specifies the format of the output to the operator. You can also reorder the results using groups; the first group is identified with the number 1. Unrecognized characters (identified by question marks) are included in the appropriate group. You can use this option to replace existing scripting that produces the same output.

This option is available only with the **Fuzzy regular expression** keyword type.

For example, you could reorder a date, MM/DD/YYYY to DD/MM/YYYY:

Field	Regular Expression	Sample
Fuzzy Regular Expression Value	$(\d{1,2})/(\d{1,2})/(\d{2,4})$	01/31/2015
Output Format	$\{2\}/\{1\}/\{3\}$	31/01/2015

[Release Notes](#) > [Features and Updates](#) > [Updated Modules](#) > [Recognition Designer](#) >

PAL Improvements

The following PAL improvements have been made:

- A new option, **Delete all unmodified PAL templates not used in production in the previous _ day(s)**, has been added to **Project Options** > **Production Auto-Learning**. The purpose of this option, which is enabled by default, is to enable retention of PAL templates that are used more frequently and to delete the ones that are not.
- The probability of PAL template creation has been improved substantially. Depending on your implementation, the probability of PAL template creation within a set of at least 20,000 images has improved by more than 2 times compared to Captiva Capture 7.1.

[Release Notes](#) > [Features and Updates](#) > [Updated Modules](#) > [Recognition Designer](#) >

Extraction Improvements

The following extraction improvements have been made:

- Free-form extraction no longer uses table cell detection and now simply extracts the specified words from within a table cell instead of the entire contents of the cell.
- Zonal extraction has been improved to remove boxes that surround characters. Use **Tools** > **OCR/ICR Engine** > **New** > **EMC Box Field**.

[Release Notes](#) > [Features and Updates](#) > [Updated Modules](#) > [Recognition Designer](#) >

Can Now Select the Classification Method When Creating Templates

When you manually create templates, you can now specify the textual method only, graphical method only, or both for classification in the Project Update Wizard dialog.

[Release Notes](#) > [Features and Updates](#) > [Updated Modules](#) > [Recognition Designer](#) >

Improved Usability for Unit Testing

You can easily maintain separate image base and test directories for template, field, and anchor testing by storing test images in `\test` in `ProjectName\Models`; you load them by selecting the **Test base** > **Load the Template Test Base**.

The **Field Unit Test** and **Anchor Unit Test** windows have been improved as follows:

Note:

- Row results are differentiated by different background colors for ease of use.
- You can now sort rows based on column values.

Location in Window	New Information Displayed
Title bar	<ul style="list-style-type: none"> • Anchor Unit Test <ul style="list-style-type: none"> ◦ Template name • Field Unit Test <ul style="list-style-type: none"> ◦ Template name ◦ Field name
Columns	<ul style="list-style-type: none"> • Anchor Unit Test <ul style="list-style-type: none"> ◦ Matched text ◦ Duration • Field Unit Test <ul style="list-style-type: none"> ◦ Matched anchor
Footer	<p>Anchor Unit Test</p> <ul style="list-style-type: none"> • Name of the field • Graphic matching threshold percent • Matching threshold percent for the anchor text value

[Release Notes > Features and Updates > Updated Modules >](#)

Captiva Administrator

- [Reports Designer No Longer Installed](#)
- [Reason for Batch Deletion Can Be Logged](#)
- [Internal Steps Are Now Hidden](#)

[Release Notes > Features and Updates > Updated Modules > Captiva Administrator >](#)

Reports Designer No Longer Installed

The Reports Designer (also known as Crystal Reports Designer) is no longer installed and the Reports functionality is no longer available in Captiva Administrator. Although you can still design and generate reports from Captiva Capture log data, you must use your own third-party reporting tool. In addition, after upgrading, your custom Crystal Reports reports (and stored procedures) can still execute without needing to be modified because the report-related database schema and stored procedures have not changed.

Note:

- Although the sample report *.rpt files and stored procedures are still installed, they are provided as-is for reference purposes only and are no longer supported.
- By default, the sample reports are installed to %ProgramFiles%\InputAccel\Client\src\Sample Reports.
- You must license your own reporting tool, including Crystal Reports.

[Release Notes > Features and Updates > Updated Modules > Captiva Administrator >](#)

Reason for Batch Deletion Can Be Logged

When deleting a batch in Captiva Administrator, you can now specify a reason to be logged for that deletion. To display the field in which to enter the reasons and log them, you enable the CaptivaBatchDeleteReason log rule.

[Release Notes > Features and Updates > Updated Modules > Captiva Administrator >](#)

Internal Steps Are Now Hidden

In Captiva Administrator where steps are displayed (for example, in the **Steps** pane in **Batch Settings**), internal steps are now hidden by default. Hiding internal steps allows you to see the important steps more clearly. If desired, you can set your preferences or default settings to display the internal steps.

Completion

Captiva Desktop has been renamed to Completion and is part of the Captiva Desktop family. The new module name appears in the new-style interface and in product documentation.

The Completion module is enhanced to support:

- The new population and validation logic
- Auto-panning that switches on/off only by operator
- Auto-panning that works with field groups, trying to display all images zones belonging to one group simultaneously
- Enhanced user interface for:
 - Redesigned colors, icons, and shortcut hints
 - Resizable thumbnails and collapsible nodes
 - Configurations to display levels up to task level
- Improved operator efficiency for:
 - Page Mode and Page Filtering
 - Improved zoom
 - Improved usability for rearranging, deleting, copying pages and folders
- Propagating document data between tasks where the index level of the fields is higher than 1 (Document level)

Extraction

You can restrict extraction to specific pages by using the **Pages to Process** option in setup mode or the `PagesToProcess` IA value.

East Euro / APAC OCR

On occasion, the OCR engines we integrate with change their supported functionality. Starting with this release, the East Euro /APAC OCR module no longer supports the following settings:

- **Automatic Print Type** format.
- **Remove all formatting** and **Editable copy** from the **Retain Layout** list
- **Microsoft Word** from the **Format** list

After an upgrade, processing a batch configured to use any of these settings will fail. You will need to reconfigure the batch or process to use supported settings. Review the *East Euro / APAC OCR Guide* for more information on the supported settings.

NuanceOCR

New NuanceOCR Setup Options

NuanceOCR now has new setup options. In addition, options that were only available as dynamic IA values can now be specified during setup. For improved usability, EMC recommends that you use these setup options instead of the previous dynamic IA values (which are still supported).

New setup options for existing dynamic IA values:

- **Restart module if an error occurs:** Whether to restart the NuanceOCR module if an error occurs. Corresponds to the `_DisableRestart` IA value.
- **Rotated image format:** Specify the file's rotated image format in which to save to the InputAccel Server. Corresponds to the `_RotatedImgCompression` IA value.
- **Preprocess images:** Whether to disable image format conversion and use the NuanceOCR engine directly, which might improve recognition accuracy and module throughput. Corresponds to the `_DisablePixTools` IA value.
- **Add zones before rotate:** Sets whether recognition zones are applied to images before or after the image is rotated. Corresponds to the `_AddZonesBeforeRotate` IA value.

- **Color quality:** Set the PDF color quality. Corresponds to the `_ColorQualityPDF` IA value.
- **PDF compatibility:** Sets the PDF compatibility. Corresponds to the `_CompatibilityPDF` IA value.
- **Use JBIG2 compression:** Specifies whether to use the JBIG2 compression method for PDF files; disabled by default. It corresponds to the `_JBIG2PDF` IA value of previous releases where this value was enabled by default.
- **Web optimized PDF:** Specifies whether to optimize PDF files for the Web. Corresponds to the `_WebOptimizedPDF` IA value.

[Release Notes > Features and Updates > Updated Modules > NuanceOCR >](#)

Deprecated Output Format Settings

NuanceOCR no longer supports the following Output Format settings: **Excel 97, 2000, Microsoft Reader, Open eBook 1.0, RTF Word ExactWord, RTF Word 6.0/95, RTF Word 97, Word 97, and 2000, XP**

After an upgrade, processing a batch configured to use any of these settings will fail. You will need to reconfigure the batch or process to use supported settings. Review the *NuanceOCR Guide* for more information on the supported settings.

[Release Notes > Features and Updates > Updated Modules >](#)

Archive Export

Archive Export now supports SAP NetWeaver 7.3 and 7.4.

The following are no longer supported:

- SAP ERP Central Component (ECC) 5.0
- ECC 6.0 / SAP NetWeaver 7.0

[Release Notes > Features and Updates >](#)

Page Count is Now Shared for Advanced Recognition Licenses

Page count sharing is enhanced and now applies to both the server licenses and Advanced Recognition licenses. Classification and Extraction now share page count between different servers in a ScaleServer group.

[Release Notes > Features and Updates >](#)

InputAccel Server

- [InputAccel Server Available Only on 64-bit](#)
- [VBA 32-bit Runtime No Longer Required for InputAccel Server](#)
- [Hardware Security Keys Deprecated](#)

[Release Notes > Features and Updates > InputAccel Server >](#)

InputAccel Server Available Only on 64-bit

InputAccel Server is now available only on a 64-bit operating system. InputAccel Server can now take advantage of 64-bit functionality, which results in the following benefits:

- A single batch is able to exceed 2GB.
- Because of the higher memory capacity of 64-bit over 32-bit operating systems, more batches are able to be in memory and thus InputAccel Server is able to achieve significantly faster performance and higher reliability.

[Release Notes > Features and Updates > InputAccel Server >](#)

VBA 32-bit Runtime No Longer Required for InputAccel Server

If you are running processes that require only the .NET runtime, then the VBA 32-bit runtime is not loaded; however, the VBA 32-bit runtime is still installed and runs when required.

[Release Notes > Features and Updates > InputAccel Server >](#)

Hardware Security Keys Deprecated

Hardware security keys are deprecated. See your EMC account representative to transfer your hardware security key to a software activation file.

Installer

- [Microsoft .NET Framework No Longer Installed](#)

Microsoft .NET Framework No Longer Installed

The installer no longer installs the required versions of Microsoft .NET Framework.

Components and Modules: Legacy, No Longer Shipped, and To Be Deprecated

- - [Legacy Modules](#)
 - [InputAccel Remoting No Longer Shipped](#)
 - [Modules No Longer Shipped](#)
 - [Exporting to FileNet Panagon CS System No Longer Supported](#)
 - [Components Deprecated in Future Releases](#)
 - [Custom Modules](#)

Legacy Modules

The following legacy modules are replaced with these corresponding new modules:

Legacy Modules	New Modules
<ul style="list-style-type: none">• Multi-Directory Watch• Email Import	Standard Import
Classification Edit	Identification

Support for these legacy modules is governed by the Captiva Capture 7.1 product support lifecycle. For more information, see EMC Online Support (<https://support.emc.com> (<https://support.emc.com>)).

Note: The new modules introduced in this version of Captiva Capture are intended to provide functional equivalence for the legacy modules they replace but may not necessarily provide a one-to-one mapping of features. You may continue to use the legacy module while migrating to the new modules.

Legacy modules have the following additional characteristics:

- The text “(Legacy)” appears in the module name on the **Start** menu.
- Bug fixes are included.
- No enhancements are included.
- No additional localization beyond what was already done in 7.1 is available.
- Documentation is not shipped or installed. In addition, the help files for legacy modules will be removed upon upgrade.
- Patch rollups will be available.

Modules that require profiles to run are identified in the list. All profiles are created using Captiva Designer.

InputAccel Remoting No Longer Shipped

Although InputAccel Remoting is no longer shipped, previous versions can interoperate with 7.5 InputAccel Servers and client modules as-is. Support for InputAccel Remoting is governed by the Captiva Capture 7.1 product support lifecycle. For more information, see EMC Online Support (<https://support.emc.com> (<https://support.emc.com>)).

Note: Upgrading by running the Web Components installer uninstalls previous versions of InputAccel Remoting.

Modules No Longer Shipped

Modules that are no longer shipped are not included in the installer. You may continue to use these modules if they are already installed. Support for these modules is governed by the product support lifecycle that corresponds to each module's version. For more information, see EMC Online Support (<https://support.emc.com> (<https://support.emc.com>)).

The following modules are no longer shipped:

Note: The replacement module (if applicable) appears in parentheses following each module in the list. Modules that require profiles to run are identified in the list. All profiles are created using Captiva Designer.

- Auto Annotate (Image Processor along with Image Processing profiles)
- Connector for eCopy ShareScan
- Dispatcher Recognition (Extraction)
- Dispatcher Statistics
- Dispatcher Validation (Captiva Completion)
- File System Export (Standard Export along with Export profiles)
- Image (Image Processor)
- Image Enhancement (Image Processor along with Image Processing profiles)
- Image Export (Standard Export along with Export profiles)
- Image Quality Assurance (Captiva Completion)
- Index (Captiva Completion)
- Index Export (Standard Export along with Export profiles)
- IndexPlus (Captiva Completion)
- PDF Export (Standard Export along with Export profiles; most functionality is replaced by the Image Converter module)
- Spawn (no replacement)
- Values to XML (Standard Export along with Export profiles)

Exporting to FileNet Panagon CS System No Longer Supported

IBM no longer supports FileNet Content Services. As a result, the FileNet Panagon IS/CS Export module no longer supports exporting to the CS system. Note that CS options are temporarily still available in the user interface and documentation but is no longer supported.

Components Deprecated in Future Releases

- - [Click-once Deployment Utility](#)
 - [Page Registration Module](#)

Click-once Deployment Utility

The Click Once Deployment Utility is to be deprecated in the next release.

Page Registration Module

The Page Registration module is to be deprecated in the next release.

Custom Modules

It is a best practice for custom modules to use the latest SDK; however, modules can also run with an earlier SDK as follows:

Running Custom Modules with an Earlier SDK

Dependency	Running on Pre-7.5 Machine	Running on 7.5 Machine
InputAccel SDK 5.x (IAClient32.dll)	Although a custom module should work as-is on a Captiva Capture client version that is interoperable with InputAccel Server 7.5, it is neither guaranteed nor supported.	Migrate to use a .NET Code module step with scripting.
InputAccel SDK 5.x (.NET 1.1) (InputAccel.QuickModule.dll)	Although a custom module should work as-is on a Captiva Capture client version that is interoperable with InputAccel Server 7.5, it is neither guaranteed nor supported. Note: .NET 1.1 can only run on Windows Vista or lower.	Replace the .NET 1.1 dependency with .NET 4.5.2 and your InputAccel.*.dll references with InputAccel.*35.dll and then rebuild. For more information, see MSDN: Migrating from the .NET Framework 1.1 .
.NET 3.5 Compatibility Pack for InputAccel SDK 5.x (InputAccel.QuickModule35.dll)	Although a custom module should work as-is on a Captiva Capture client version that is interoperable with InputAccel Server 7.5, it is neither guaranteed nor supported.	Update in one of the following ways: <ul style="list-style-type: none"> • Replace the .NET 3.5 dependency with .NET 4.5.2 and rebuild. • Modify the configuration file (<customModule>.exe.config) to point to .NET 4.5.2 runtime. Note: An example file is <inputaccel-client-install>\Client\binnt\APConExp.exe.config.
InputAccel SDK 6.0 (.NET 2.0) InputAccel SDK 6.5 (.NET 3.5) Captiva Capture 7.0 - 7.1 (.NET 3.5) (QuickModuleHost.exe - modulename:<customModule>)	Works as-is on a Captiva Capture client version that is interoperable with InputAccel Server 7.5.	Update in one of the following ways: <ul style="list-style-type: none"> • Replace the .NET 3.5 or .NET 2.0 dependency with .NET 4.5.2 and rebuild. • Your custom module might run as-is under .NET 4.5.2. You can determine if it can by executing the following command: <pre><inputaccel-7.5-client-install>\Client\binnt\QuickModuleHost.exe -modulename:<customModule></pre>

[Release Notes > Features and Updates >](#)

Localization

- [Localized Components](#)
- [Components Not Localized](#)

[Release Notes > Features and Updates > Localization >](#)

Localized Components

Unless otherwise noted, Captive Capture is localized into the following languages:

- French (France)
- German (Germany)
- Italian (Italy)
- Portuguese (Brazil)

- Russian (Russian Federation)
- Spanish (Spain)
- Chinese (Simplified)
- Korean
- Japanese

The following Captiva Capture components are localized:

- User-interface strings, including windows, panes, menu items, buttons, error messages, batch and process names, and generated reports.
- Country-appropriate international date and time, address, numeric and currency formats, including separators.
- Installer (English and Japanese only).
- Online Help for the *Installation Guide* and *Administration Guide* (English and Japanese only). The *Installation Guide* in Japanese is also available in PDF format.
- Online Help for operator-attended production modules: Captiva Desktop, ScanPlus, RescanPlus, and Classification Edit. The new *Captiva Capture Operator's Guide* includes all the localized production content for these modules.
- Performance counters installed on the server machine. These are available in the language of the operating system where they are installed or in English.
- Windows Event Log messages. Event logs display in the language of the operating system where they are viewed or in English.

Note: Sample process names are not localized by default. CaptureFlows are only localized if they are named using locale-specific characters.

[Release Notes](#) > [Features and Updates](#) > [Localization](#) >

Components Not Localized

The following Captiva Capture components are not localized:

- All documentation other than those listed in [Localized Components](#).
 - Note:** Copyright information, Programming Reference section, and Glossary included in the localized online Help is not localized.
- Process Developer, Installers (except in Japanese), Database Manager utility, DLL Viewer, and PixView. Additionally, any module that receives data from an external back-end system may not display localized messages when those message are received from the back-end system.
- License text and text in the **About** window of client modules
- Debug messages
- Scripting files
- Command-line utilities
- Some strings when using the Search functionality in CaptureFlow Designer on a Japanese operating system.
- Captiva Mobile SDK and Captiva REST Service samples
- Access keys. Localized versions of client modules may not have access keys.
- The following sample reports:
 - Operator Productivity Report (Completion)
 - Page Extraction Report (Extraction)
 - Field Extraction Report (Extraction)
- Processing log for new modules
- In CaptureFlow Designer, the following windows are not localized:
 - Step properties
 - Departments window
 - Scripts (Code Behind) popup window
 - Assignment Value
 - Custom Values column header and errors

System Requirements

This section describes environment and system requirements for the release.

Note:

- For the best performance, always use the vendor's latest operating system (that EMC supports) for all Captiva Capture components. Furthermore, you should always make sure that you have applied the latest service packs and patches to your supported operating system for all Captiva Capture components. In addition to meeting the other recommended system requirements, keeping your operating system up-to-date helps to ensure the best performance for your Captiva Capture system.
 - An EMC product configuration running on a particular environment is supported as long as versions of the components in the environment (e.g., operating system, database, web server, browser, SSO, Directory Servers, etc.) are in standard/primary support by their vendors.
 - All certifications provided in this document are relevant to the current release. Certifications for patches are documented in the *Patch Notes* documents published for the patch releases.
 - Software requirements are listed with release numbers. Software updates—including patches, Service Packs, and equivalent updates—sometimes introduce unanticipated changes. Compatibility with software updates that are not listed here cannot be guaranteed.
- [Upgrade Requirements](#)
 - [Database Server Requirements \(Optional\)](#)
 - [InputAccel Server Requirements](#)
 - [Captiva REST Service Host Requirements](#)
 - [ClickOnce Host Requirements](#)
 - [Client Machine Requirements](#)
 - [Captiva Capture Web Client Requirements](#)
 - [Supported ODBC Drivers](#)
 - [EMC Product Compatibility](#)
 - [Captiva Cross Product Compatibility](#)

Caution

The minimum requirements listed here are the absolute minimum that enable Captiva Capture to function. Furthermore, the absolute minimum means that neither reporting nor auditing are supported in production. In all but the simplest, low-volume configurations (such as a demonstration or testing system), these minimum requirements will not produce satisfactory performance. Furthermore, the recommended requirements are for typical installations, but even those are not sufficient for a high-volume operation. Use these requirements to assist in your implementation. Each implementation is unique and must be evaluated and sized differently based on processing needs and throughput required. An incorrectly sized implementation will reduce performance and cause unexpected behavior.

Upgrade Requirements

When upgrading Captiva Capture, ensure that you have the following minimum hard disk space free to run the Captiva Capture installers:

- Database and Captiva Capture Server: 4 GB
- Captiva Capture Client modules: 16 GB

These temporary hard disk requirements are necessary because the Microsoft Windows installer backs up the existing files before upgrading to the new version.

Note: As always with any upgrade, please go to <http://www.emc.com/microsites/scannerdrivers/index.htm> to make sure your scanner will still be supported in the new environment.

Database Server Requirements (Optional)

This section lists the system requirements and recommendations for the machine running the InputAccel Database.

- [Database Server Hardware Requirements](#)
- [Database Server Software Requirements](#)

Note:

- For Microsoft SQL Server-specific requirements, refer to the Microsoft SQL Server documentation.
- For the latest and updated software requirements, you can also refer to the eLab document ([E-Lab Interoperability Navigator](#)).

[Release Notes](#) > [System Requirements](#) > [Database Server Requirements \(Optional\)](#) >

Database Server Hardware Requirements

This section lists the hardware requirements and recommendations for the machine running the InputAccel Database.

Caution

For all but low-volume deployments, Captiva Capture requires a dedicated computer for the InputAccel Database and this computer must meet the recommended hardware requirements. High-volume deployments might require hardware that exceeds the recommendations.

Item	Recommended	Minimum
Processor	2.8 GHz Pentium (or compatible) 8 cores: If reporting or auditing functionality is required 2.0 GHz Pentium (or compatible) 4 cores: If reporting or auditing is not required	2.0 GHz Pentium (or compatible) 4 cores
Memory	8GB: If reporting or auditing functionality is required 4GB: If reporting or auditing functionality is not required	4GB
Disk space	100 GB Free: If reporting is required 10 GB Free: If reporting is not required	10 GB Free
DVD-ROM	Optional	Optional
Network card	Platform compatible with TCP/IP with transmission rate of 1000 MBit/sec	Platform compatible with TCP/IP with transmission rate of 100 MBit/sec
Display	1024 x 768, 256 colors	1024 x 768, 256 colors

[Release Notes](#) > [System Requirements](#) > [Database Server Requirements \(Optional\)](#) >

Database Server Software Requirements

This section lists the software requirements and recommendations for the machine running the InputAccel Database.

Item	Recommended	Minimum
Operating system	<ul style="list-style-type: none">• Windows Server 2012 R2 - Standard, Datacenter, or Essentials edition (64-bit)• Windows Server 2012 - Standard, Datacenter, or Essentials edition (64-bit)	<ul style="list-style-type: none">• Windows Server 2012 R2 - Standard, Datacenter, or Essentials edition (64-bit)• Windows Server 2012 - Standard, Datacenter, or Essentials edition (64-bit)• Windows Server 2008 R2 and R2 SP1 - Standard, Datacenter, or Enterprise edition (64-bit)
SQL Server	<ul style="list-style-type: none">• Microsoft SQL Server 2014 - Enterprise, Business Intelligence, Standard, Developer, Express editions (64-bit)• Microsoft SQL Server 2012 SP1 and SP2 - Enterprise, Business Intelligence, Standard, Developer, Express editions (64-bit)	<ul style="list-style-type: none">• Microsoft SQL Server 2014 - Enterprise, Business Intelligence, Standard, Developer, Express editions (64-bit)• Microsoft SQL Server 2012 SP1 and SP2 - Enterprise, Business Intelligence, Standard, Developer, Express editions (64-bit) <p>Note: Due to limitations (documented in the <i>Installation Guide</i>), if you choose to install the optional InputAccel Database, use SQL Server Express editions only for low page volume deployments without reporting or logging.</p>

InputAccel Server Requirements

This section lists the system requirements and recommendations for the machine running the InputAccel Server.

- [Server Hardware Requirements](#)
- [Server Operating System Requirements](#)
- [Additional Third-party Software Requirements for the Server](#)

Note:

For the latest and updated software requirements, you can also refer to the eLab document ([E-Lab Interoperability Navigator](#)).

Server Hardware Requirements

This section lists the hardware requirements and recommendations for the machine running the InputAccel Server.

Caution

For all but low volume deployments, Captiva Capture requires a dedicated computer for the InputAccel Server. This computer must meet the recommended hardware requirements specified. High volume deployments may require larger than the recommended hardware.

Item	Recommended	Minimum ¹
Processor	2.8 GHz Pentium (or compatible) 12 cores	2.4 GHz Pentium (or compatible) 6 cores
Memory	8 GB	6 GB
Disk space	10 GB Free	10 GB Free
DVD-ROM	Optional	Optional
Network card	Platform compatible with TCP/IP with transmission rate of 1000 MBit/sec	Platform compatible with TCP/IP with transmission rate of 100 MBit/sec
Display	1024 x 768, 256 colors	1024 x 768, 256 colors

¹Use only in low volume deployment.

Server Operating System Requirements

This section lists the operating system software requirements and recommendations for the machine running the InputAccel Server.

Operating System Family	Recommended	Minimum ¹
Microsoft Windows	<ul style="list-style-type: none"> • Windows Server 2012 R2 - Standard, Datacenter, or Essentials edition (64-bit) • Windows Server 2012 - Standard, Datacenter, or Essentials edition (64-bit) 	<ul style="list-style-type: none"> • Windows Server 2012 R2 - Standard, Datacenter, or Essentials edition (64-bit) • Windows Server 2012 - Standard, Datacenter, or Essentials edition (64-bit) • Windows Server 2008 R2 and R2 SP1 - Standard, Datacenter, or Enterprise edition (64-bit) <p>Note: To set up InputAccel Servers in a Microsoft Failover Clustering environment, an edition of Windows Server that includes the Failover Clustering feature is required.</p>

Use only in low volume deployment.

[Release Notes](#) > [System Requirements](#) > [InputAccel Server Requirements](#) >

Additional Third-party Software Requirements for the Server

This section lists third-party software requirements and recommendations for the machine running the InputAccel Server.

Software	Requirement
Microsoft .NET Framework	Version 4.5.2 Version 3.5 SP1
Adobe® Reader®	Required to view documentation that is in PDF format.

[Release Notes](#) > [System Requirements](#) >

Captiva REST Service Host Requirements

This section lists the system requirements and recommendations for the machine running the Captiva REST Service.

- [Web Server Hardware Requirements](#)
- [Web Server Software Requirements](#)
- [Web Server Additional Software](#)

Note:

For the latest and updated software requirements, you can also refer to the eLab document ([E-Lab Interoperability Navigator](#)).

[Release Notes](#) > [System Requirements](#) > [Captiva REST Service Host Requirements](#) >

Web Server Hardware Requirements

This section lists the hardware requirements and recommendations for the machine running the Captiva REST Service.

Item	Recommended	Minimum
Processor	2.8 GHz Pentium (8 cores)	2.4 GHz Pentium (4 cores)
Memory	6 GB	4 GB
Disk space	20 GB Free	20 GB Free
DVD-ROM	Optional	Optional
Network card	Platform compatible with TCP/IP with transmission rate of 1000 MBit/sec	Platform compatible with TCP/IP with transmission rate of 100 MBit/sec
Display	1024 x 768, 256 colors	1024 x 768, 256 colors

[Release Notes](#) > [System Requirements](#) > [Captiva REST Service Host Requirements](#) >

Web Server Software Requirements

This section lists the software requirements and recommendations for the machine running the Captiva REST Service.

Note: On a 64-bit operating system, Captiva Capture functions as a 32-bit application using Windows-on-Windows 64-bit (WOW64). Refer to the [Microsoft website](#) for details about WOW64.

Item	Recommended	Minimum
Operating system	<ul style="list-style-type: none"> Windows Server 2012 R2 - Standard, Datacenter, or Essentials edition (64-bit) Windows Server 2012 - Standard, Datacenter, or Essentials edition (64-bit) 	<ul style="list-style-type: none"> Windows Server 2012 R2 - Standard, Datacenter, or Essentials edition (64-bit) Windows Server 2012 - Standard, Datacenter, or Essentials edition (64-bit) Windows Server 2008 R2 and R2 SP1 - Standard, Datacenter, or Enterprise edition (64-bit)
Web server	<ul style="list-style-type: none"> IIS 7.5 IIS 8.0 IIS 8.5 <p>Note:</p> <ul style="list-style-type: none"> EMC does not recommend installing IIS on a Domain Controller. 	<ul style="list-style-type: none"> IIS 7.5 IIS 8.0 IIS 8.5 <p>Note:</p> <ul style="list-style-type: none"> EMC does not recommend installing IIS on a Domain Controller.

[Release Notes](#) > [System Requirements](#) > [Captive REST Service Host Requirements](#) >

Web Server Additional Software

This section lists third-party software requirements and recommendations for the machine running the Captiva REST Service.

Software	Requirement
Microsoft .NET Framework	Version 4.5.2
Adobe® Reader®	Required to view documentation that is in PDF format.

[Release Notes](#) > [System Requirements](#) >

ClickOnce Host Requirements

This section lists the system requirements and recommendations for the machine hosting the ClickOnce packages.

- [Web Server Hardware Requirements](#)
- [Web Server Software Requirements](#)
- [Web Server Additional Software](#)

Note:

For the latest and updated software requirements, you can also refer to the eLab document ([E-Lab Interoperability Navigator](#)).

[Release Notes](#) > [System Requirements](#) > [ClickOnce Host Requirements](#) >

Web Server Hardware Requirements

This section lists the hardware requirements and recommendations for the machine hosting the ClickOnce packages.

Item	Recommended	Minimum
Processor	2.0 GHz Pentium (2 cores)	2.0 GHz Pentium (or compatible)
Memory	3 GB	1 GB
Disk space	3 GB Free	2 GB Free
DVD-ROM	Optional	Optional
Network card	Platform compatible with TCP/IP with transmission rate of 1000 MBit/sec	Platform compatible with TCP/IP with transmission rate of 100 MBit/sec
Display	1024 x 768, 256 colors	1024 x 768, 256 colors

[Release Notes](#) > [System Requirements](#) > [ClickOnce Host Requirements](#) >

Web Server Software Requirements

This section lists the software requirements and recommendations for the machine hosting the ClickOnce packages.

Note: On a 64-bit operating system, Captiva Capture functions as a 32-bit application using Windows-on-Windows 64-bit (WOW64). Refer to the [Microsoft website](#) for details about WOW64.

Item	Recommended	Minimum
Operating system	<ul style="list-style-type: none"> Windows Server 2012 R2 - Standard, Datacenter, or Essentials edition (64-bit) Windows Server 2012 - Standard, Datacenter, or Essentials edition (64-bit) 	<ul style="list-style-type: none"> Windows Server 2012 R2 - Standard, Datacenter, or Essentials edition (64-bit) Windows Server 2012 - Standard, Datacenter, or Essentials edition (64-bit) Windows Server 2008 R2 and R2 SP1 - Standard, Datacenter, or Enterprise edition (64-bit)
Web server	<ul style="list-style-type: none"> IIS 7.5 IIS 8.0 IIS 8.5 <p>Note:</p> <ul style="list-style-type: none"> It is recommended not to install IIS on a Domain Controller. 	<ul style="list-style-type: none"> IIS 7.5 IIS 8.0 IIS 8.5 <p>Note:</p> <ul style="list-style-type: none"> It is recommended not to install IIS on a Domain Controller.

[Release Notes](#) > [System Requirements](#) > [ClickOnce Host Requirements](#) >

Web Server Additional Software

This section lists third-party software requirements and recommendations for the machine hosting the ClickOnce packages.

Software	Requirement
Microsoft .NET Framework	Version 4.5.2
Adobe® Reader®	Required to view documentation that is in PDF format.

[Release Notes](#) > [System Requirements](#) >

Client Machine Requirements

This section lists the hardware and software requirements and recommendations that are common for all client machines running Captiva Capture client

modules. It also lists specific requirements for specific client modules.

Topics in this section include:

- [Common Requirements for All Client Modules](#)
- [Module-Specific Requirements](#)

[Release Notes](#) > [System Requirements](#) > [Client Machine Requirements](#) >

Common Requirements for All Client Modules

This section lists the common system requirements for all Captiva Capture client modules.

- [Client Hardware Requirements](#)
- [Client Operating System Requirements](#)
- [Additional Third-party Software Requirements for the Client Modules](#)

Note:

For the latest and updated software requirements, you can also refer to the eLab document ([E-Lab Interoperability Navigator](#)).

[Release Notes](#) > [System Requirements](#) > [Client Machine Requirements](#) > [Common Requirements for All Client Modules](#) >

Client Hardware Requirements

This section lists the hardware requirements and recommendations for the machine running Captiva Capture client modules.

Item	Recommended	Minimum
Processor	CPU-intensive tasks such as scanning, indexing, data verification and validation (Completion module), image processing, and optical character recognition: <ul style="list-style-type: none">• Dedicated 2.8 GHz Pentium (or compatible), 2 cores per module instance running on the same machine or VM. Less CPU-intensive tasks such as exporting, and Captiva Capture administration: <ul style="list-style-type: none">• 2.4 GHz Pentium (or compatible).	2.0 GHz Pentium (or compatible)
Memory	4 GB Note: If you run more than one client module instance on the machine, then you need additional RAM and CPU cores.	2 GB
Disk space	8 GB free	8 GB free
DVD-ROM	Optional	Optional
Network card	Platform compatible with TCP/IP with transmission rate of 1000 MBit/sec	Platform compatible with TCP/IP with transmission rate of 100 MBit/sec
Display	1280 x 1024, 24-bit color Note: For ScanPlus, Identification, and Completion, 2 monitors are recommended.	1024 x 768, 256 colors

[Release Notes](#) > [System Requirements](#) > [Client Machine Requirements](#) > [Common Requirements for All Client Modules](#) >

Client Operating System Requirements

This section lists the operating system software requirements and recommendations for the machine running Captiva Capture client modules.

Note: On a 64-bit operating system, Captiva Capture functions as a 32-bit application using Windows-on-Windows 64-bit (WOW64). Refer to the [Microsoft website](#) for details about WOW64.

Item	Recommended	Minimum
Microsoft Windows	<ul style="list-style-type: none"> Windows Server 2012 R2 - Standard, Datacenter, or Essentials edition (64-bit) Windows Server 2012 - Standard, Datacenter, or Essentials edition (64-bit) Windows 10 - Enterprise edition (64-bit) Windows 8.1 - Pro or Enterprise edition (64-bit) Windows 8 - Pro or Enterprise edition (64/32-bit) Windows 7 SP1 - Professional, Enterprise, or Ultimate edition (64/32-bit) 	<ul style="list-style-type: none"> Windows Server 2012 R2 - Standard, Datacenter, or Essentials edition (64-bit) Windows Server 2012 - Standard, Datacenter, or Essentials edition (64-bit) Windows Server 2008 R2 and R2 SP1 - Standard, Datacenter, or Enterprise edition (64-bit) Windows 10 - Enterprise edition (64-bit) Windows 8.1 - Pro or Enterprise edition (64-bit) Windows 8 - Pro or Enterprise edition (64/32-bit) Windows 7 SP1 - Professional, Enterprise, or Ultimate edition (64/32-bit)

[Release Notes](#) > [System Requirements](#) > [Client Machine Requirements](#) > [Common Requirements for All Client Modules](#) >

Additional Third-party Software Requirements for the Client Modules

This section lists third-party software requirements and recommendations for the machine running Captiva Capture client modules.

Note: EMC supports and recommends the ISIS scanner driver standard to seamlessly interface our scanning software with document scanners. Every ISIS driver must pass thousands of rigorous tests to fully validate its performance, compatibility and reliability in order to achieve ISIS device certification. This certification process results in fewer hardware support problems and delivers the most solid document scanning interface available on the market. When you are ready to purchase, choose ISIS certified devices for all document scanners or MFPs and easily achieve plug-n-play deployment capability. For more information on ISIS certified devices, go to www.scannerdrivers.com (www.scannerdrivers.com).

Software	Requirement
Microsoft .NET Framework	Version 4.5.2 for all client modules except as noted in Module-Specific Requirements .
Adobe® Reader®	Required to view documentation that is in PDF format.

[Release Notes](#) > [System Requirements](#) > [Client Machine Requirements](#) >

Module-Specific Requirements

This section lists the additional requirements for specific Captiva Capture client modules. These requirements and the [Common Requirements for All Client Modules](#) are required before installing these client modules.

Module	Microsoft Internet Explorer	Additional Requirements
.NET Code	-	<ul style="list-style-type: none"> Visual Studio 2008, 2010, or 2013 Update 2 - Standard, Professional, Express editions (recommended to write scripts) 1, 2
ApplicationXtender Export	-	<ul style="list-style-type: none"> EMC ApplicationXtender 7.0 EMC ApplicationXtender 6.5 SP2 with EMC ApplicationXtender Workflow Manager 6.5 SP2 EMC ApplicationXtender 6.5.1 with EMC ApplicationXtender Workflow Manager 6.5.1 .NET 3.5 SP1
Archive Export	-	<ul style="list-style-type: none"> SAP NetWeaver 7.3 and 7.4
Captiva Administrator	10.0 or 11.0 Note: Captiva Administrator does not run in Internet Explorer; it uses Internet Explorer to render the UI.	N/A
Captiva Designer	-	<ul style="list-style-type: none"> .NET Framework 4.5.2 Developer Pack
Documentum Advanced Export	-	<ul style="list-style-type: none"> EMC Documentum Content Server 6.6, 6.7, 6.7 SP1, 6.7 SP2, 7.0, 7.1, or 7.2 EMC Documentum Foundation Classes (DFC) 6.6, 6.7, 6.7 SP2, 7.0 SP1, 7.1, or 7.2 runtime environments: <ul style="list-style-type: none"> Install the DFC hotfix if it exists for the version that is installed to use the Use windows login option during Documentum Advanced Export setup. DFC uses the C:\Documentum directory to store client data. The Documentum administrator must grant write permissions for this directory to Documentum Advanced Export operators. DFC creates a unique "dmc1" directory where the module or client-side script is running. Members of non-administrator groups need write permissions to this directory and its subdirectories for DFC to work correctly. The Documentum administrator must grant module operators write permissions to each instance of the dmc1 directory. EMC Documentum xCelerated Composition Platform 2.1 EMC Documentum D2 4.2 Visual Studio 2008, 2010, or 2013 Update 2 - Standard, Professional, Express editions (recommended to write scripts) 1, 2
FileNet Content Manager Export	-	<ul style="list-style-type: none"> IBM FileNet P8 Content Manager 5.0, 5.1.0, or 5.2.0 IBM FileNet Enterprise Manager Note: Verify the compatible FileNet Enterprise Manager release with IBM support. Not supported for Windows 10
FileNet Panagon IS/CS Export	-	<ul style="list-style-type: none"> IBM FileNet Panagon Image Services 4.1.x or 4.2 Not supported for Windows 10
Global 360 Export	-	<ul style="list-style-type: none"> Execute360 EX 10.0 Not supported for Windows 10

Module	Microsoft Internet Explorer	Additional Requirements
IBM CM Advanced Export	-	<p>Requires one of the following:</p> <ul style="list-style-type: none"> • DB2 Content Manager Enterprise Edition 8.5 • DB2 Content Manager Enterprise Edition 8.4.3 • DB2 Content Manager 8.3 client with 8.4 server
IBM CSSAP Export	-	<ul style="list-style-type: none"> • IBM DB2 Content Manager CommonStore for SAP 8.4 • Not supported for Windows 10
Image Converter	10.0 or 11.0: To process HTML documents	<ul style="list-style-type: none"> • Microsoft Office 2010 and 2013 with Office Shared Features and Office Tools enabled: To process Microsoft Office documents. <ul style="list-style-type: none"> ◦ Either Word 2010 or 2013 is required to convert DOCX files. ◦ Either Excel 2010 or 2013 is required to convert XLSX files. ◦ During batch processing, batches containing PPT and PPTX files automatically launch the PowerPoint application on the desktop. Either PowerPoint 2010 or 2013 is required. If Image Converter closes unexpectedly, operators are required to manually close PowerPoint on the machine running Image Converter. <p>If Image Converter is run as a service under a non-administrative account, configure the permissions as described below. Otherwise, files of type DOC, XLS, TXT, and PPT are not processed.</p> <p>Note: If the client machine has Microsoft Office 2013 installed, using an administrative user account is a strict requirement. For more information, see the <i>Installation Guide</i>.</p> <p>For file type DOC</p> <ol style="list-style-type: none"> 1. Run the Windows Component Services utility. <ul style="list-style-type: none"> ◦ For 32-bit operating system: Navigate to Start > Run. Type DCOMCNFG and click OK. ◦ For 64-bit operating system: Navigate to the <i>SysWOW64</i> folder (default location <i>C:\Windows\SysWOW64</i>). Run <i>comexp.msc</i>. 2. Browse to Console Root > Component Services > Computers > My Computer. 3. Select DCOM Config. 4. Select Microsoft Word, right-click, and select Properties. 5. Select the Identity tab and enable the Launching user. <p>For file types XLS, TXT, and PPT</p> <ol style="list-style-type: none"> 1. Run the Windows Component Services utility. <ul style="list-style-type: none"> ◦ For 32-bit operating systems: Navigate to Start > Run. Type DCOMCNFG and click OK. ◦ For 64-bit operating systems: Navigate to the <i>SysWOW64</i> folder (default location <i>C:\Windows\SysWOW64</i>). Run <i>comexp.msc</i>. 2. Browse to Console Root > Component Services > Computers > My Computer. 3. Select DCOM Config. 4. Select the appropriate program, right-click, and select Properties. 5. Select the Identity tab and enable the Launching user. <ul style="list-style-type: none"> • Microsoft Internet Explorer 10 or 11: To recognize and convert HTML documents, when Internet Explorer is selected as the rendering engine for HTML documents during Image Converter module setup. Also, ensure the following settings: <ul style="list-style-type: none"> ◦ Image Converter must be installed as service under Network Service or Domain User accounts. ◦ Disable the Internet Explorer 10 window from using group policies.

Module	Microsoft Internet Explorer	Additional Requirements
		<ul style="list-style-type: none"> ◦ Ensure, the user account that runs Image Converter as a service has “full control” permissions on the temporary folder for the processed files storing. ◦ In Internet Explorer: <ul style="list-style-type: none"> ▪ Open Tools menu and select Internet Options. ▪ Go the Security tab and add the following trusted sites: localhost, http://localhost, https://localhost. ▪ For trusted sites, set the Security level to Low. • On a 64-bit Windows 7 machine, ensure that you disable the User Account Control using the Control Panel. • The user account that runs Image Converter as a service must be granted full control permissions on the temporary folder. • Make sure the Write permission for Everyone is assigned to the following Desktop folder. <ul style="list-style-type: none"> ◦ On 64-bit Windows: %SYSTEMROOT%\SysWOW64\config\systemprofile\Desktop and %SYSTEMROOT%\System32\config\systemprofile\Desktop ◦ On 32-bit Windows: %SYSTEMROOT%\System32\config\systemprofile\Desktop
MS SharePoint Export	-	<p>Requires one of the following:</p> <ul style="list-style-type: none"> • Microsoft Office SharePoint Server 2013 SP1 • Microsoft Office SharePoint Server 2013
NuanceOCR	-	N/A
ODBC Export	-	<p>Supports the following databases and drivers:</p> <ul style="list-style-type: none"> • Supported ODBC Drivers • Microsoft SQL Server 2014 - Enterprise, Business Intelligence, Standard, Developer, Express editions (64-bit) • Microsoft SQL Server 2012 SP1 and SP2 - Enterprise, Business Intelligence, Standard, Developer, Express editions (64-bit)
Open Text Livelink Advanced Export	-	<ul style="list-style-type: none"> • Connects to Open Text Content Server 10.0 or 10.5 • Not supported for Windows 10
RescanPlus	10.0 or 11.0 Note: Required if importing HTML or XML documents.	<p>Visual Studio 2008, 2010, or 2013 Update 2- Standard, Professional, Express editions (recommended to write scripts) ^{1, 2}</p> <ul style="list-style-type: none"> • Adobe® Reader® 9 and later: To view PDF files in the Image View pane • Microsoft Excel 2010 or 2013: To view XLS files in the Image View pane
ScanPlus	10.0 or 11.0 Note: Required if importing HTML or XML documents.	<ul style="list-style-type: none"> • Visual Studio 2008, 2010, or 2013 Update 2 - Standard, Professional, Express editions (recommended to write scripts) ^{1, 2} • Adobe® Reader® 9 and later: To view PDF files in the Image View pane • Microsoft Excel 2010 or 2013: To view XLS files in the Image View pane
Standard Export	-	<p>If McAfee VirusScan is installed on the machine, ensure that the Prevent mass mailing worms from sending mail option is disabled. This is required to successfully perform email export.</p>
Web Services	-	<p>Web Services Output requires the following:</p>

Module	Microsoft Internet Explorer	Additional Requirements
		<ul style="list-style-type: none"> • Web Services Enhancements (WSE) 3.0 for Microsoft .NET • Consider installing Microsoft .NET Framework 3.5 SP1 prior to the WSE 3.0 installation.

¹Visual Studio Express has limited capabilities with some tasks such as debugging. Refer to Microsoft documentation for a complete list of limitations. If you intend to create a lot of custom .NET code for Captiva Capture, EMC recommends developing it with Visual Studio Professional or Visual Studio Standard.

²Visual Studio 2013 is required for new .NET development; however, Visual Studio 2010 and 2008 can still be used to maintain old scripts.

[Release Notes > System Requirements >](#)

Captiva Capture Web Client Requirements

This section lists the system requirements and recommendations for the machine running the Captiva Capture Web Client.

The following topics are included:

- [Web Client Hardware Requirements](#)
- [Web Client Software Requirements](#)
- [Additional Third-Party Requirements for Web Client](#)

Note:

For the latest and updated software requirements, you can also refer to the eLab document ([E-Lab Interoperability Navigator](#)).

[Release Notes > System Requirements > Captiva Capture Web Client Requirements >](#)

Web Client Hardware Requirements

This section lists the hardware requirements and recommendations for the machine running the Captiva Capture Web Client.

Item	Recommended	Minimum
Processor	2.8 GHz Pentium (4 cores)	2.0 GHz Pentium (2 cores)
Memory	6 GB	2 GB
Disk space	20 GB Free	20 GB Free
Network card	Platform compatible with TCP/IP with transmission rate of 1000 MBit/sec	Platform compatible with TCP/IP with transmission rate of 100 MBit/sec
Display	1024 x 768, 256 colors	1024 x 768, 256 colors

[Release Notes > System Requirements > Captiva Capture Web Client Requirements >](#)

Web Client Software Requirements

This section lists the software requirements and recommendations for the machine running the Captiva Capture Web Client.

Item	Recommended	Minimum
Operating system	<ul style="list-style-type: none"> Windows Server 2012 R2 - Standard, Datacenter, or Essentials edition (64-bit) Windows Server 2012 - Standard, Datacenter, or Essentials edition (64-bit) Windows 10 - Enterprise edition (64-bit) Windows 8.1 - Pro or Enterprise edition (64-bit) Windows 8 - Pro or Enterprise edition (64/32-bit) Windows 7 SP1 - Professional, Enterprise, or Ultimate edition (64/32-bit) 	<ul style="list-style-type: none"> Windows Server 2012 R2 - Standard, Datacenter, or Essentials edition (64-bit) Windows Server 2012 - Standard, Datacenter, or Essentials edition (64-bit) Windows Server 2008 R2 and R2 SP1 - Standard, Datacenter, or Enterprise edition (64-bit) Windows 10 - Enterprise edition (64-bit) Windows 8.1 - Pro or Enterprise edition (64-bit) Windows 8 - Pro or Enterprise edition (64/32-bit) Windows 7 SP1 - Professional, Enterprise, or Ultimate edition (64/32-bit)
Web Browser	<ul style="list-style-type: none"> Chrome 32.0 Firefox 26 Internet Explorer 10.0 Internet Explorer 11.0 <p>Note:</p> <ul style="list-style-type: none"> JavaScript must be enabled. Captiva Cloud Capture Toolkit (CCT) 2.0.0.1198 must be installed on the client machine. The specified versions of Firefox and Chrome were tested. Compatibility with later versions is expected, but cannot be guaranteed. 	<ul style="list-style-type: none"> Chrome 32.0 Firefox 26 Internet Explorer 10.0 Internet Explorer 11.0 <p>Note:</p> <ul style="list-style-type: none"> JavaScript must be enabled. Captiva Cloud Capture Toolkit (CCT) 2.0.0.1198 must be installed on the client machine. The specified versions of Firefox and Chrome were tested. Compatibility with later versions is expected, but cannot be guaranteed.

Note: Device scanner driver requirements take precedence over the operating system requirements.

[Release Notes > System Requirements > Captiva Capture Web Client Requirements >](#)

Additional Third-Party Requirements for Web Client

EMC supports and recommends the ISIS scanner driver standard to seamlessly interface our scanning software with document scanners. Every ISIS driver must pass thousands of rigorous tests to fully validate its performance, compatibility and reliability in order to achieve ISIS device certification. This certification process results in fewer hardware support problems and delivers the most solid document scanning interface available on the market. When you are ready to purchase, choose ISIS certified devices for all document scanners or MFPs and easily achieve plug-n-play deployment capability. For more information on ISIS certified devices, go to www.scannerdrivers.com (www.scannerdrivers.com).

Note: The scanner must be directly connected to your computer.

[Release Notes > System Requirements >](#)

Supported ODBC Drivers

Captiva Capture supports the following ODBC drivers:

- Oracle ODBC Dvr 11.x
- Oracle ODBC Dvr 12.1
- DB2 Enterprise Server (LUW) 10.1
- DB2 Enterprise Server (LUW) 10.5

Note:

For the latest and updated software requirements, you can also refer to the eLab document ([E-Lab Interoperability Navigator](#)).

[Release Notes > System Requirements >](#)

EMC Product Compatibility

Note:

For the latest and updated software requirements, you can also refer to the eLab document ([E-Lab Interoperability Navigator](#)).

Captiva Capture Web Client is compatible with Jasig CAS server 3.5.x.

Captiva Capture is compatible with the following:

- VMware support. Captiva Capture can run within the following VMware products:
 - VMware Workstation 9.0, 10.0, 11.0, 12.0, and 12.5
 - VMware Horizon View 5.1, 5.2, 5.3, and 6.2 (Applies to attended client modules remotely accessing an InputAccel Server installed on an ESXi Server)
 - vSphere Hypervisor ESXi 5.1 and 5.5
- Note:** Enabling VMware VMotion is transparent to Captiva Capture components.
- Microsoft Hyper-V Server support. Captiva Capture can run in a Microsoft Hyper-V Server environment on the following:
 - Windows Server 2012 R2 - Standard, Datacenter, and Essentials edition (64-bit)
 - Windows Server 2012 - Standard, Datacenter, and Essentials edition (64-bit)
 - Remote Desktop support. Captiva Capture can run in a Remote Desktop environment on the following:
 - Windows Server 2012 R2 - Standard, Datacenter, and Essentials edition (64-bit)
 - Windows Server 2012 - Standard, Datacenter, and Essentials edition (64-bit)
 - Citrix support. Captiva Capture client components are compatible with the following Citrix products:
 - Citrix XenApp 6.5, 7.5, 7.6
 - IPv6 support. Captiva Capture supports Internet Protocol version 6 (IPv6) and version 4 (IPv4).
 - InputAccel Servers and clients: IPv6 and IPv4 is supported on all the operating systems that InputAccel Server and clients can be installed on.
 - Section 508: Captiva Capture adheres to Section 508 of the Disabilities Act. For additional information on compliance standards, you can request the Captiva Capture 7.5 Voluntary Product Accessibility Template (VPAT) through EMC Support Services.
 - The Federal Information Processing Standard (FIPS) provides the best practices for implementing cryptographic software. The InputAccel Server and Advanced Recognition are designed to operate with Microsoft operating systems that use FIPS-compliant algorithms for encryption, hashing, and signing.

[Release Notes > System Requirements >](#)

Captiva Cross Product Compatibility

Captiva Capture is compatible with the following Captiva products:

- InputAccel for Invoices versions 7.1
 - Captiva FormWare File 5.3 SP3
- Note:** Only Process Developer and IPPs are supported.
- Captiva eInput 2.2

Installation and Upgrade

Before beginning installation, ensure that your system meets the requirements listed in [System Requirements](#). After installation, be sure to update your software to the latest patched release, if any patches are available.

Fixed Issues

This section identifies issues that have been resolved in this release.

Issue ID	Description
IA-71275	ScanPlus crashes after paper jam with scanner Canon DR-M160.
IA-70304	Getting Deadlock and Fatal Error often in a ScaleServer Environment.
IA-70133	Inaccurate results for 3 out of the 9 barcode values in Image Processor.
IA-70078	Captive Desktop was fixed to remove new line characters after applying the multi-line setting for an index field.
IA-69931	Image Converter gives inconsistent output when an input Word document has hidden white spaces between pages.
IA-69837	Copy module displays the error: "Copy failed with error 60" when users press the "Copy Batch" button to copy a zip batch to the InputAccel Server.
IA-69773	OutOfMemoryException appears while Documentum Advanced Export processes PDF file.
IA-69658	Image processor hangs on noisy images when using B/W conversion followed by QRCode barcode detection.
IA-69648	Image Converter doesn't clear temp files for particular profile configuration (output is level 1 with merged annotations).
IA-69536	Image Processor throws "Filter can't process this image." for some images which are the inside pattern of envelopes.
IA-69497	NuanceOCR module crashes on specific images.
IA-69452	Batch Traffic page should load limited queries ordered by creation date instead of Batch ID.
IA-69434	Disabled the Add button on the Servers page for No Database configuration in Captiva Administrator.
IA-69219	Legacy modules such as IA Multi display "?" instead of Japanese, Chinese, Korean symbols in Windows Event log.
IA-69109	Scanner is performing very slowly whenever Toggle Patch is configured in the scanner properties.
IA-69020	ExitControl <Control name> event to know which key was pressed - use IFromControlContext new property ExitReasonCode.
IA-68993	Assignment of the rest of document's pages to the last template of Document Type if PageTemplateID < -1.
IA-68953	Page count is getting increased whenever .Net Code module is called various times in the step.
IA-	Multiple Copy modules can run on the same machine and multiple Copy modules can connect to the same InputAccel server.

Issue ID	Description
68922	
IA-68867	Incorrect behavior of "Convert to Black-White" filter.
IA-68842	A new IA Value, SourceNodeID, has been added in Captiva Desktop to allow storing of the copied node IDs.
IA-68839	A new setting, ShowConnctionPannel, has been added to allow Captiva Administrator to skip module connection.
IA-68704	Image Processor is showing Working at the last page of a Multi-page Tiff and doesn't process next tasks.
IA-68701	Occasionally, Image Processor hangs when processing an image that contains noise.
IA-68691	After P09 installed, Nuance OCR saves rotated image as uncompressed TIFF when input filetype is TIFF and rotated compression format is set to Auto.
IA-68666	Customer could not set up font size for drop down list control.
IA-68633	Email Import does not save some emails to network shared location.
IA-68628	An attempt to rotate a Document or Folder causes "Unexpected Non-Fatal problem".
IA-68581	The InputAccel Server goes into an infinite loop of a configuration update after a change in the module's files.
IA-68518	When there are multiple pages of BatchTraffic, creation date order is not retained when switching pages.
IA-68489	Image Processor's detect Blank Page filter can't process the specific images properly.
IA-68394	"This command is not available" error on specific MS Word documents where all text is located into frames.
IA-68297	For non-daily licensing, combining similarly adds connection counts.
IA-68292	ScanPlus BatchProcessingTime IA values does not show correct time.
IA-68237	NuanceOCR incorrectly rotates pages which are in the correct orientation.
IA-68187	The default "Waiting for server" dialog box randomly stops responding in a custom module.
IA-68094	Suppress creating Error Created: -4501, .\IASBATCH.cpp:4171 message in server log file and Captiva Administrator when ReportTaskFinishTask log rule is turned on.

Issue ID	Description
IA-68088	Image Converter displays two ASCII characters instead of each Unicode one when converting HTML file with IE as rendering engine.
IA-68039	Captive Desktop was fixed to save coordinates of the annotation zones.
IA-67935	Unable to run Image Converter in setup mode if the step settings require an update.
IA-67797	1 pixel width image causes Access Violation Exception on Deskew filter in Image Processor.
IA-67787	The location of the Scanning popup window in ScanPlus changes within a single session.
IA-67779	Deselecting 'Decode' for Datamatrix barcode detection in Image Processor does not return ASCII code.
IA-67748	Scanplus Scanner profile changes are not properly executed within the same session.
IA-67738	Email Import module ignores the "Delete emails with issues..." setting if Error 52 appears.
IA-67689	Image Converter does not convert all pages in an HTML file when Word is used as HTML rendering engine.
IA-67673	ScanPlus fails to scan when Endorser is enabled.
IA-67624	Captive Administrator closes when servers settings are saved.
IA-67564	Settings incorrect for first batch in ScanPlus.
IA-67550	Interactive PDF form loses information when going through Image Converter.
IA-67479	Error -2147467259 in ODBC Export while trying to insert string containing 16392 or more characters.
IA-67415	Unhandled exception raised after simulating F10 keyboard shortcut in Captiva Desktop.
IA-67412	'?' characters are being accepted as valid characters in Captiva Desktop.
IA-67390	.Net Code module is not throwing exception even though Stepname doesn't exist in the batch.
IA-67388	Service settings for Image Processor and Image Converter are reset.
IA-	Captive Desktop Node Pane does not scroll beyond visible window when in Document List View mode.

Issue ID	Description
67372	
IA-67247	Some TIFF images lead to crashing of input client modules.
IA-67184	Single line fields do not remove new line characters in Captiva Desktop and Extraction.
IA-67177	Report does not generate any data after applying log rule filters for processes.
IA-67144	Blank Page detection configuration enhancement.
IA-67121	Email Import module crashes on IMAP protocol while receiving some auto generated emails.
IA-67103	In Image Processor, the image was stretched to thumbnail size without keeping the width/height ratio.
IA-67093	Captiva Desktop: Unable to use enter key to select item from drop down list.
IA-67041	Issue with moving multiple pages at the same time to first position of the document in Captiva Desktop.
IA-66988	Index operator summary report show a huge number of pages being processed per day.
IA-66974	Grid Auto Refresh setting is not implemented.
IA-66971	Image Converter incorrectly processes some doc/docx files (either it cuts some pages or virtual printer hangs) after applying IC patches.
IA-66884	After an upgrade from 6.5, 'ImageCompression' value is always set to 1, although the output images have different compressions.
IA-66881	Attempt to save single pixel JBIG image results in the Image Enhancement module to crash.
IA-66799	Nuance OCR saves rotated image as JPEG when input image is TIFF with JPEG compression.
IA-66733	Virtual printer is hanging when using Image Converter.
IA-66583	The Email Import module may stop responding when processing some PDF attachments if the "Treat PDF as Image" option is enabled.
IA-66528	New command line parameter "taskprocesswaittimeoutsec" is now supported by attended client modules.
IA-66508	The "Tasks" column in Image Processor and Captiva Desktop sorts alphabetically instead of by numeric value.

Issue ID	Description
IA-66479	SetDataConfirmed method does not work as expected.
IA-66463	The Email Import module throws an Error 63 while calling EmailRetrievePOP3. Excel file attachment can't be checked for password protection.
IA-66435	Email Import does not delete messages from mailbox.
IA-66396	Scanner does not recognize the Backside of some set of documents.
IA-66393	Support importing batches more than 2 GB in the Copy module.
IA-66383	Image Converter error with certain forms-based .HTM files when MS Word is set as HTML-rendering engine - This method or property is not available because the document is a protected document.
IA-66377	Image Converter hangs during conversion of specific Word documents which have more than one section.
IA-66322	ShowControl method not working as expected.
IA-66248	Inconsistency in Desktop fields running validation rules.
IA-66245	The Task panel in Captiva Desktop switches documents/pages mode when extending the pane.
IA-66220	Introduced two new methods IClient.ListUsers and IClient.ListMachines. The integer ids from ListGlobalValues map to the keys returned by the new methods. The keys, in turn, will return the string name of the machine or user.
IA-66091	"An unexpected internal error has occurred." message displays when launching Image Converter in setup mode.
IA-66051	Sections without any field are not loaded by Captiva Designer & Document Designer when Captiva Designer is restarted.
IA-66029	Captiva Desktop allows read-only fields to be pasted and deleted.
IA-65770	The Extraction module introduces a IA dynamic value "PageTemplateId" that can be set at page node to set/override page extraction template id. "PageTemplateId" value greater than "0" is considered valid page template id. "PageTemplateId" value "-1" is a special value to skip page from data extraction.
IA-65742	The Task panel in Captiva Desktop does not scroll backwards if previous page is out of the view.
IA-65738	Some PDFs lost information after getting processed from Image Converter step.
IA-	Access Violation when a Unit Test is run for a field with MultiVoter OCR Engine.

Issue ID	Description
65694	
IA-65691	Captive Designer Script Editor did not remember .vb format and applied .cs format to specific XPP files.
IA-65536	Getting "System.ArgumentException: DataGridViewComboBoxCell value is not valid." when clicking on Custom Values in CaptureFlow Designer.
IA-65499	The Print option in Captiva Administrator occasionally throws a Java Script Error.
IA-65483	Client side scripting does not allow BlankPage IAValue population.
IA-65464	Some Black And White pictures cannot be processed correctly by Image Converter.
IA-65447	Message Boxes in the ExitControl script cause extra ExtraControl events. This has been fixed.
IA-65393	Unable to use parenthesis in the choice text in Captiva Desktop.
IA-65376	ScanPlus is unable to detect Backside IA Value with the help of script.
IA-65350	Captive Desktop now recognizes a command line login and will no longer do an automatic re-login.
IA-65347	Fixed Captiva Desktop tree view scrolling during drag and drop.
IA-65333	Captive Desktop considers fields in a dropdown list box as always required even though the Input Mode has it as "Editable / Not Required".
IA-65293	Occasionally, the "Waiting to lock..." dialog in IndexPlus stops responding and displays a Seconds: 0" message.
IA-65280	When using dual monitors with Captiva Desktop, the floated Image pane is not holding it's position between tasks on non-primary monitors.
IA-65255	Captive Desktop treeview now correctly jumps focus to the correct thumbnail.
IA-65240	DataMatrix barcode detect filter leads Image Processor to crash on some TIFF pictures.
IA-65199	Document changing functionality is needed in custom scripts.
IA-65160	IndexPlus is replaced by Captiva Desktop in 7.5.
IA-65140	An error occurs in WSInput due the task processing if the attached image in the web call is huge.

Issue ID	Description
IA-65134	Email Import fails if subject has leading or trailing space character(s).
IA-65128	Captive Desktop auto-accepts tasks without warning the user that there is uncompleted work.
IA-65107	There is a special tool that performs this functionality. Please contact Support to obtain it.
IA-65043	Pressing F10 in Captiva Desktop does not fire the ExitControl field event.
IA-65038	Image Converter produces black output images for some input PDFs.
IA-65030	NuanceOCR cannot run in operating system environments that enable the Security Option "System cryptography: Use FIPS compliant algorithms for encryption, hashing and signing".
IA-65018	Error message in Image Processor when filters from different providers are combined.
IA-65000	"Use ISIS Driver" setting in Multi-Directory Watch processes images without converting them to TIFF.
IA-64993	API IBatchNode.StepData.GetValueDefinitionSet() was not returning value definition for "File" type MDF IA values.
IA-64984	Some two-dimensional matrix barcodes cannot be read by Image Enhancement.
IA-64972	Error "Unknown XML attribute name 'PaperOrientation'" in Extraction.
IA-64962	Eliminate the sending of BorrowConnection messages when a client module has unlimited connections.
IA-64771	Improving performance in ScaleServer group in terms of SetModuleFeature command.
IA-64697	Performance issues in Captiva Desktop when navigating fields in tables that have large number of line items.
IA-64685	When logging in to Captiva Administrator, the Server field loses the focus after a few seconds.
IA-64679	Restarting around 400 clients at the same time on 8 scale servers, takes more than 10 minutes.
IA-64613	In Web Services, WSDL is not parsed correctly if "extention" tag is used.
IA-64563	When Image View Settings in ScanPlus/RescanPlus/IndexPlus are changed for one page only ("Apply settings to all pages" is unchecked), settings still affect all the pages. Invert option and Orientation settings were not retained while switching between Scan Pages and Preview Pages.

Issue ID	Description
IA-64546	Tree Node Captions in Captiva Desktop are not updated for changes in nodes or index fields.
IA-64531	A Captiva Desktop task becomes "Not Ready" after cancelling it if a document (or page) has been copied/pasted.
IA-64525	Captiva Desktop shortcuts such as Home/End/PageDown/etc cannot be customized.
IA-64417	Processing tasks in captiva Desktop with "-RunBatch" command line argument is failing.
IA-64394	Image Processor did not add annotations to image thumbnails.
IA-64369	Image Converter cannot convert (or incorrectly converts) MS Word .doc(x) files if they contain several sections with different page size/orientation. Documents with custom page size with setting Page Size = "Use document default" are converted as Letter page size.
IA-64366	"Auto advance to next document" fails.
IA-64345	Deploying CaptureFlows in Captiva Designer takes a long time.
IA-64309	Image Converter does not show the fields of XLSM file which are enabled by Macros.
IA-64285	Imprinter is carrying the last document number of first batch to the first document number of the next batch.
IA-64277	Sum of tasks on all servers is returned for a module when a client connected to a Scale Server Group.
IA-64256	When index field value is set via custom scripting, then that index field is marked as character repaired. '?' character in value set via custom scripting API SetValue is considered as good character and not as indicator for bad character in field value.
IA-64246	"PixTools/View: no data in page" error appears on some PDF files.
IA-64218	A corrupt batch occasionally causes the server to crash.
IA-64203	If Image Converter is uninstalled using the -uninstall command line parameter, attempts to reinstall it using the -install command line parameter fails and "The printer already exists" error is displayed.
IA-64199	Captiva Administrator shows Batch Creation Date in UTC/GMT regardless of time zone settings on system.
IA-64187	.NET Code DeploymentFiles corrupts the config file depending on file name/extension.
IA-64181	Modified Tree View pane's width is not saved when ScanPlus is launched via -open or -create parameter.
IA-	Quality of imported PDF files to ScanPlus is degraded.

Issue ID	Description
64169	
IA-64166	Email Import forwards email messages with subject "ERR: Invalid Parameter. Requires character set."
IA-64154	Image Converter cannot render digitally signed PDF files.
IA-64152	PDF files with embedded ICC color profiles are processed very slowly.
IA-64132	"Finish Batch" button does not close entire ScanPlus application when ScanPlus is launched via -open parameter.
IA-64090	Captive Client installer removes "Interactive Services Detection" service during upgrade from previous versions.
IA-64034	<p>Added a new Configurable Setup option 'Copy Pages/Documents'.</p> <p>When 'Copy Pages/Documents' is set to false and MangagedocStrucure = true; Desktop will not allow operator to copy documents but allow adding documents.</p> <p>When 'Copy Pages/Documents' is set to false and Move Pages = true; Desktop will not allow operator to copy documents but allow moving pages.</p>
IA-63984	Error Message (Value cannot be null Parameter: dictionary) thrown in ScanPlus after a second batch is initialized when using certain VRS.
IA-63980	Scanplus holding on to images from the previous batch.
IA-63965	Fixed ExitControl event handler invoked one extra time when changing document or folder.
IA-63939	Unable to load scan driver when driver name contains letter 'i' on system with Turkish locale.
IA-63895	<p>Added a new Configurable Setup option 'PromptOnCancelingTask'.</p> <p>When PromptOnCancelingTask' is set to false and MangagedocStrucure = true; Desktop will not allow operator to copy documents but allow adding documents.</p> <p>When PromptOnCancelingTask' is set to false and Move Pages = true; Desktop will not allow operator to copy documents but allow moving pages.</p>
IA-63880	Nuance OCR engine fatal error occured on specific images.
IA-63845	Successfully installed licenses are getting deactivated with a "Past Enter By Date" comment after IA Server reboot. It happens on the IA server with the "Golden key + caf" activation and after "Enter-by date" period termination for the license.
IA-63796	ScanPlus creates new folder following paper jam in Kodak i840/i1860.
IA-63716	ScanPlus cannot detect patchcode values PatchX, PatchDX, PatchY and PatchDY.
IA-63693	Email Import skips processing file attachments if IMAP4 protocol is used.
IA-	Page labels not getting populated/shown from the "afterpageadded" event of Scanplus on the UI while scanning.

Issue ID	Description
63682	
IA-63600	Poor performance in Captiva Administrator when viewing large batches.
IA-63574	Pages are not rotated after deleting a page from the document.
IA-63536	The New Batch Dialog now allows to keep or clean up text entered into batch description between calls. A new checkbox added under description field to control preserving of description text.
IA-63501	Sometimes NuanceOCR gets stuck during processing.
IA-63489	When a client sets the desired batch for tasks, the IASet(TAG_IA_BATCH, BatchID) command returns 'batch not found' error (error code 4514) in case the batch does not exist on the server.
IA-63460	<p>Fixed Split Behavior.</p> <p>When a document is split to create a new document; the newly-created document retains all field values above the Document Level and cleared all field values at Document Level. Clearing Document Level values makes it ready to index the new doc immediately.</p> <p>When split is done at Folder or above level, For all Documents moved into new nodes Fields at Split-Level (i.e Folder or above level) are cleared, Document Level field values are kept, since the document structure has not changed.</p>
IA-63424	Image Converter does not convert HTML emails correctly.
IA-63363	IndexPlus functionality (Save/Abandon Message Box) is not available in Captiva Desktop.
IA-63361	Nuance OCR runs slow. OCR Engine has been upgraded.
IA-63340	Dialogs to choose options when creating new document or splitting folder are removed. All options to create 'New Document' and 'Split Folder' and 'Merge' options are directly accessible with Document Menu; with configurable short cut keys.
IA-63311	Setting a Level 7 Field in one Document would also require setting the same Level 7 Field through the other Documents in the same batch.
IA-63284	ScanPlus does not handle CSS ValidateIndexes event result correctly if it contains ShowRedFlag or ShowGreenFlag return values along with Cancel return value.
IA-63251	Task went to infinite loop with some FailTask methods.
IA-63197	Documentum Advanced Export does not export the IA value to Documentum custom attribute of ID data type.
IA-63141	An index field value is copied to the index field after the document is split.
IA-63085	After exporting to the text file encoding is incorrect.
IA-63060	Occasionally NuanceOCR module crashes when processing a batch.

Issue ID	Description
IA-62996	Occasionally Image Enhancement module crashes when processing a batch.
IA-62886	Incorrect behavior of "Append Email Header to body of message..." setup option on specific email format.
IA-62813	When PDF containing oversized page is processed by Image Converter, this page is scaled to A4 size. Before this fix Image Converter failed tasks with PDFs that contain huge pages.
IA-62751	There are errors by DLFramework in the Event Log when Image Converter output format set to PDF.
IA-62703	Receive an error when executing WS Output tasks.
IA-62221	Need better Server side scripting error handling capability with functionality to set BatchHold, BatchError properties directly in the script.
IA-62001	Usability improvements for Captiva Desktop. A whitepaper is now available that can help with Captiva Desktop usability.
IA-61965	InputAccel Server crashes when writing the report "PERFORMANCE DATA LOG" in the debug.out file.
IA-61689	Image Converter issues "Error: This command is not available." with form based Word document files.
IA-61626	Sometimes used pages from the expired licenses are added to used pages for current count.
IA-61617	The File View in Captiva Desktop must retain zoom settings for all batches based on one process.
IA-61577	There was the deadlock between a data reading thread from the IA server and the thread waiting the synchronous response from the IA server. The waiting thread held critical-section for task lists during waiting the synchronous response. The data reading thread received a new task from the IA server at this time and waited to lock this critical section.
IA-61395	Logging for the custom log rule created with the custom filter, containing additional string parameters didn't work. For example, if in the filter there is chosen Process.
IA-61028	Setting "IATaskRouting" value from server-side scripting makes the InputAccel Server pause when the department is a new one for the server.
IA-60910	Preventing deadlock in the InputAccel Server.
IA-60731	Some attachments of email are not getting extracted by Email Import.
IA-60508	The server crashes if process contains many trigger variables at any level and at this level there is no step (instance) in process.
IA-60460	When Image Processor annotations are created with Script, the settings from SystemConfiguration are not applied.

Issue ID	Description
IA-60000	Fixing 6251 error (IA_ERR_DOMAINCONTROLLER_INVALIDNAME)
IA-59934	There is possible deadlock on the InputAccel Server if the batch is opened for debugging in Process Developer and a node is deleted from the batch.
IA-59282	Smoothing option is not retaining while switching in between Scan Pages and Preview Pages.
IA-52704	Navigating to Next Work stops on documents with no work.
IA-52143	Multi-Directory Watch is creating empty nodes.

Known Issues

This section identifies known product issues and limitations that may affect your use of the product.

Installation / Upgrade

Issues Affecting Installation and Upgrade

Issue Number	Description
IA-69264	If you upgrade to Captiva Capture 7.5 from either the 6.5 SP2 or 7.1 versions and later uninstall the 7.5 version, several 7.5 files are not removed by the installer.
CAPC-6644	For command-line installation of Web Components, regardless of the port number specified for the <code>WEB_SITE_TCP_PORT</code> property, it is always set to 80.

Reporting

Issues Affecting Reporting Functionality

Issue Number	Description
IA-70452	When a document is processed by multiple steps, the value change for a field in one step is reported for not only that step but all subsequent steps in the document statistic <code>FieldsChanged</code> and the field statistic <code>Changed</code> . This applies even if subsequent operators do not change any fields. For example, if a document is processed by two operators and the first changes the FirstName field, the statistics for the second operator will reflect the change to the FirstName even if he does not visit the field.

Client Modules

Issues Affecting Client Modules

Component/Module	Issue Number	Description
------------------	--------------	-------------

Component/Module	Issue Number	Description
Captiva Administrator	IA-69547	Captiva Administrator experiences a memory leak resulting in an unexpected shutdown of the application. Workaround: <ul style="list-style-type: none"> • Disable the Auto Refresh option • Close Captiva Administrator when it is not being used
Captiva Administrator	IA-71442	Users cannot log in to Captiva Administrator or it shows performance degradation with timeout error messages when McAfee VirusScan Enterprise 8.8 Patch 4 is installed. Workaround: <ol style="list-style-type: none"> 1. Exclude the <code>ASP.NET Temporary Files</code> folder from AV scanning in all possible locations. Enable the option Also exclude subfolders for both of these locations: <ul style="list-style-type: none"> • <code>%Temp%\Temporary ASP.NET Files\</code> • <code>%SystemRoot%\Microsoft.NET\Framework*\Temporary ASP.NET Files\</code> 2. Add <code>CaptivaAdministrator.exe</code> to the Low Risk process exclusion (or Default process exclusion if using only one scanning policy for all processes)
Captiva Designer > CaptureFlow Designer	IA-69914	While debugging a script in CaptureFlow Designer, most operations that could change the CaptureFlow structure are prohibited. The exception is Custom values that can be removed while debugging or inserted from the clipboard. These changes to the Custom Values do not impact the script because they are not used while debugging.
Captiva Designer > Document Designer	IA-69308	You cannot edit the titles of a table displayed as a grid in Captiva Designer > Document Designer. Workaround: Edit the titles and other values using the Fields list control and the property sheets.
Captiva Designer > CaptureFlow Designer	IA-70480	Do not rename a CaptureFlow that contains scripting. When a CaptureFlow containing scripting is renamed on file system and then deployed to the server, deployment fails. Workaround: Use the Save As command to rename a CaptureFlow.
Captiva Designer > CaptureFlow Designer	IA-71289	Do not copy and/or paste invalid Custom values as it may lead to corruption of existing Custom values. If custom values get corrupted, use the Undo operation for restoring the corrupted data.
Identification	IA-70623	In Page List mode, you cannot reorder documents using the drag and drop functionality. Workaround: Use one of the following workarounds: <ul style="list-style-type: none"> • Use the Cute and Paste functionality to reorder documents. • Switch to Tree View mode, reorder the documents using drag and drop functionality, then switch back to Page List mode.
Image Converter	IA-70892	Due to a third-party issue, when Image Converter processes HTML or MHT files, output images may have unreadable characters instead of text. This happens when both of the following conditions are true: <ul style="list-style-type: none"> • Image Converter runs on a machine with one of the following operating system installed: Window 7 or Windows Server 2008 R2. • Internet Explorer is selected as a rendering engine, and the following versions are used: Internet Explorer 9, Internet Explorer 10, or Internet Explorer 11. Workaround: Run Image Converter on Windows 8, Windows 8.1, Windows Server 2012, or Windows Server 2012 R2.