

Kofax TotalAgility

7.2.2

Release Notes



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About This Release

The release notes give you late-breaking information about Kofax TotalAgility 7.2.2. Please read this document carefully, as it contains information that may not be included in other TotalAgility documentation.

Version Information

The build number for Kofax TotalAgility 7.2.2 is 7.2.2.0.0.5752. To verify the build number:

- 1 Use TotalAgility Designer to select **System Settings**.
- 2 Under Manage, click **Settings**.
- 3 On the General tab, in the Product Version field, locate the last 4 digits, which correspond to the build number.

Installation Methods

Do one of the following to install this service pack:

- Use the service pack installer program.
- Perform a silent installation.

Before upgrading to Kofax TotalAgility 7.2.2, do the following:

- 1 Log on to the computer as a user with administrator rights.
- 2 Make sure Kofax TotalAgility 7.2.0 is installed. If you have an earlier version of Kofax TotalAgility, you must complete the installation and migration procedures as described in the *Kofax TotalAgility Installation Guide*.
- 3 Back up your data and Kofax TotalAgility installation.

Using the Installer Program

- 1 Extract Kofax TotalAgility-7.2.2.ZIP onto the destination computer.
- 2 Run setup.exe for your installation type.
- 3 Follow the prompts to install the service pack.

Using the Silent Installation

- 1 Launch a Command Prompt window and change the path to the root directory of setup.exe.
- 2 Run the following command:

```
setup.exe "/Silent" "/HotFix"
```
- 3 Press Enter.

Restarting Services After Installation

After installing Kofax TotalAgility 7.2.2, restart the following services:

- 1 Kofax TotalAgility Services.
 - Kofax TotalAgility Core Worker
 - Kofax TotalAgility Export Worker
 - Kofax TotalAgility Streaming Service
- 2 Kofax Transformation Server.
- 3 IIS by entering the following commands at an elevated command prompt:

```
iisreset /stop  
  
iisreset /start
```

Uninstalling Kofax TotalAgility 7.2.2

To uninstall Kofax TotalAgility in silent mode:

- 1 Launch a Command Prompt window and change the path to the root directory of setup.exe.
- 2 Run the following command:

```
setup.exe/Silent/U
```
- 3 Press Enter.

New Features

This section describes the features and enhancements included in Kofax TotalAgility 7.2.2.

CreateJobSyncWithDocument APIs

TotalAgility provides synchronous classification and extraction capabilities that reduce the response time and improve performance by storing and processing documents data in memory. A user can persist this data into the document repository after classification and extraction.

In the TotalAgility Designer, preload specific Transformation projects. The Real Time Transformation is supported by the TotalAgility SDK APIs: CreateJobSyncWithDocuments and CreateJobSyncWithDocument. See [SDK Documentation](#).

Enabling Scan/VRS and Separation Profiles for DCNJ Forms

You can associate a Scan/VRS profile and Separation profile with a process to perform image processing and document separation on Device Create New Job forms. See [Configuring the Capture Properties of a Process](#).

Customize Device Create New Job Form

You can consume an image that appears as a shortcut icon when configuring a Device Create New Job form in the MFP client. See [Configuring the General Properties of a Form](#).

Customize JobList Actions

You can customize the actions that are displayed within the joblist control, the order in which they are displayed, and the confirmation message.

You can configure a confirmation message for an action at design time. At runtime, when you select an action on a job, the confirmation message appears before the action can proceed. See [Customizing the Joblist Actions](#).

New APIs to Support Custom Annotation Redaction

Using the new TotalAgility APIs, you can implement custom code that supports annotation redaction. The new APIs give you the ability to retrieve field coordinates for:

- Extracted fields
- Redaction annotations drawn with a Web Capture control.

Once you retrieve the field coordinates, you can implement custom .NET code to permanently redact images automatically or manually, based on the following recommendations.

Automatic Redaction

Automatic Redaction uses field coordinates.

- After the extraction activity, the job is passed to a .NET activity that uses a custom DLL.
- The custom DLL uses the following TotalAgility API: `CaptureDocumentService.GetDocumentFieldPropertyValues()`. This API retrieves coordinates of fields (and other data if necessary) which are required to be hidden, burn field zones (for example fills field zones with black color) and saves the image using the `CaptureDocumentService.UpdatePages()` API.
- The job continues to execute subsequent activities.

Manual Redaction

- Pass the document to an activity with a Web Capture control.
- Draw redactions using the redaction annotations of the Web Capture control.
- Pass the document to a .NET activity that uses a custom DLL.
- The custom DLL in a .NET activity uses the following TotalAgility API: `CaptureDocumentService.GetAnnotations()`. This API retrieves annotations drawn in a Web Capture control.
- The custom DLL retrieves the images with the redactions annotations, burns redactions and saves updated images using the `CaptureDocumentService.UpdatePages()` API. The job continues to execute subsequent activities.

Note Sample code snippets and additional details can be found in “Kofax TotalAgility Permanent Redaction Application Note” located in the Application Notes section of the Kofax TotalAgility 7.2 Documentation web page available on the Kofax website at <http://www.kofax.com>.

Configure Styles Specific to Capture Controls

You can configure styles specific to capture controls to customize the look and feel of capture forms. See [Creating a Theme](#).

Access to Field Coordinates and Page Index Through SDK

When designing a process that imports documents into TotalAgility, you can access APIs that let you do the following:

- Set the document field properties upon document creation.
- Set or read the document field properties for documents that already exist in TotalAgility.
- Set zone coordinates and page indexes for each field in a document.

When designing a form, you can access the Same Page action or API that lets you set the document field properties.

Extended Support for File Types

TotalAgility now supports processing files with .csv, .xlsm, .docm and .xps extensions.

Imaging Page Volume Decrements When Creating a Page

Any pages that are created using the Kofax Import Connector import capabilities will decrement Imaging Volume at the time of ingesting images.

Note The existing Page Volume is renamed to Kofax TotalAgility Imaging Volume and Transformation Volume is renamed to Kofax TotalAgility Transformation Volume.

Single Sign On Enhancement

You can automatically sign into the Kofax TotalAgility Lexmark MFP client after you have been authenticated through the Pharos Blueprint system.

Ability to Separate PDFs

You can leverage a third-party PDF library and the TotalAgility SDK to split the source PDF into multiple PDFs and store the resulting PDFs so that the original PDF content is preserved for use by subsequent capture activities.

Support of RESTful Web Service With Custom HTTP Headers

You can call the TotalAgility SDK through JSON or SOAP XML endpoints even when custom headers are specified.

Resolved Issues

This chapter gives information about previously reported issues that are resolved in Kofax TotalAgility 7.2.2.

TotalAgility

Unable to Reset Taken Activities

On logging back to Workspace, taken activities could not be reset to pending when the Allow Multiple Logon property was set to true. (673906)

Activities in a Parallel Path Did Not Complete At First Attempt

An activity on a parallel path did not complete on the first attempt. The activity only completed after an hour when the taken activity timed out and was reset. (671662)

Inconsistent Sort Order for Activities

The sort order for activities was affected by the number of rows in the results list. (671400)

Savepageimage() Process Slower After Product Updates

After a series of TotalAgility 7.1.0 product updates were applied, the Savepageimage() process was slower than usual. (671399)

Floating Roles and Members Not Removed Upon Job Completion

Upon job completion, floating roles in the AW_RESOURCE table and floating role members in the GROUP_MEMBERS table were not removed. (671304)

JobService.GetExceptionMaps API Did Not Work

JobService.GetExceptionMaps API was incomplete and did not work. (662844)

Error When Splitting the Document in the Document Review Form

When selecting or changing the document type on the document review form, an error message appeared. (661825)

Export Failed For Documents Exceeding 50 MB

Export failed for documents larger than 50 MB with some Kofax Export Connectors. (655429)

Missing Page Rotation Property Caused Error

When `runtimeDocument.PageImages` or `runtimeDocument.PageDataList` contained data and the page rotation property was not specified in either of those collections, an error occurred. (654568)

Validation Form Did Not Advance to Next Tab

On a Document Validation form, the form did not move to the next tab automatically after completing the first tab field's validations, even though there were invalid fields on other tabs. When you clicked the Next Invalid Field button, yellow highlighting was visible in the image viewer but on the field panel, the focus remained on the first tab. (652634)

Error Occurred During Attempt to Take Activity

When the logged-on user tried to take one of the live activities assigned to the resource group, the "user is not a runtime usable resource" error occurred. (652152)

Error After Upgrade to TotalAgility 7.2

On upgrading to TotalAgility 7.2, when you created new process maps using the SDKs and viewed the job details for the process, the "User has insufficient access right error" occurred. (650698)

Unauthorized Access to SDK Methods Was Not Prevented

Unauthorized access to SDK methods was given to some users. (641562)

Sticky Notes Not Displayed

When you moved a page within a document, the sticky notes were not displayed even if the "Display Sticky Notes" option was enabled. (641050)

Form Caching Error Appeared

When form caching was enabled, after a Verification activity was cancelled or completed, an error occurred. (640340)

Performance Slowdown Issue

As the result of issues related to `GetActivatiesUsingSearchCriteria7`, a slowdown occurred when a work queue was loaded. (621047)

Folder Instances Not Unlocked When Sticky Sessions Were Enabled

Folder instances were not correctly unlocked when sticky sessions were used. The folder lock was retained in the IIS worker's process memory. (618935)

Non-Standard Port Installation Undocumented

Documentation was not available for installing or updating TotalAgility on a non-standard port. (612881)

See [Installing Kofax TotalAgility on a Non Standard Port](#).

Devices

Ricoh Client Included Unnecessary Files

Previously, the ricoh.zip file or Ricoh folder in MFPClients.zip contained unnecessary files that prevented it from being uploaded using the Ricoh DMNX Enterprise software. The files in ricoh.zip have been changed and repackaged. The only change is if you need to edit KofaxRicohClient.dalp. To locate the file, extract ricoh.zip and then extract KofaxRicohClient.zip. (645313)

For instructions on when and how to edit KofaxRicohClient.dalp, see *Kofax TotalAgility Administrator's Guide For Ricoh MFP's* .

Multi-Page, Color Documents from MFP Caused Exception

The “System.ServiceModel.FaultException” exception was generated in the Windows log in the Event Viewer when the Email activity attempted to process a color, multi-page job sent from an MFP device. (613934)

Resolved Issues in TotalAgility 7.2.1.1

This section gives information about issues that were resolved in TotalAgility 7.2.1.1.

Language Selector Could Not Be Used With a Limited User Account

The language selector did not work for a user who logged in as an external resource. When an external resource logged in from the logon form, an error was displayed. On closing this error, the external resource could access the form but the language selector did not work. (648476)

Validation Form Failed to Load After Adding Tab Control

The Document Validation form failed to load when you added a new tab control and released the form. (644209)

'Unknown Caller' Error Returned

When upgrading TotalAgility On-Premise Multi-Tenancy 7.2 and TotalAgility Integration Server 7.2 to 7.2.1, the “Unknown Caller” error occurred when the KIC message connector on the Integration Server was attempting to create a job. (644191)

Integration Server Reported Error During Export

An error message appeared when an export connector failed to export files in the presence of a PDF file in the Integration Server. (644183)

Document Review Did Not Display Activity Tab

The Activity tab in a Document Review activity was hidden, preventing the user from entering data into the Name field. (643818)

Cut, Paste, Move Operations Prevented on Capture Forms

It was not possible to move or cut and paste the controls to the new tab control on a capture form. (629280)

Known Issues

This chapter describes issues that you may encounter while using Kofax TotalAgility 7.2.2. Workarounds are provided, as applicable.

Mobile Device Connection Issue

Mobile devices may behave unexpectedly when connecting to a TotalAgility server if the “Require authentication for registration” setting is enabled. (668691)

- The other settings defined in the VRS profile override the EVRS string in the VRS profile.
- The Administrator cannot manually administrate the mobile devices.

Workaround: Disable the “Require authentication for registration” setting on the Advanced Settings tab of the Device Manager (System Settings > Devices) to properly support mobile devices.

Images Reversed When Profiles Are Set to Black and White

When you set both the Scan/VRS and Device Scan/VRS profiles to Black and White, images appear to be reversed when a job is sent from a Lexmark MFP. (656879)

Job Suspended When Sent Via VRS Process

Perform an upgrade from TotalAgility 7.1 to 7.2 and activate the Transformation volume license 108. When you try sending the job using VRS process, the job suspends. (627021)

Workaround:

- 1 Copy the following two files from `\\Kofax TotalAgility\Agility.Server.Web\bin:`
 - `Newtonsoft.Json.dll`
 - `Newtonsoft.Custom.Json.dll`
- 2 Paste these files to `\\TotalAgility\Transformation Server.`
- 3 Restart the TotalAgility server.
- 4 Resend the job via the VRS Process device form.

System IO Error on Import or Export of a Process

If you try to import or export a process simultaneously in an on-premise Web and Application environment, the System IO exception occurs. (589887)

Additional Documentation

This chapter supplements the documentation provided with the product with changes and corrections. These changes will be incorporated into the TotalAgility documentation in a future product release.

Kofax TotalAgility Installation Guide

Additional Manual Steps for the Dynamics AX Installation

A new section, “Manually Copying Files,” is added to the “Integrating Microsoft Dynamics AX with TotalAgility” section.

To successfully add a Dynamics AX 2012 R2 site in TotalAgility, you must perform the following steps manually:

- 1 Open Microsoft Dynamics AX 2012 and navigate to the Dynamics AX server folder.
- 2 Copy version 6.2 of **Microsoft.Dynamics.BusinessConnectorNet.dll** and paste it to the bin directory of the DAXCommunicatorService that you install on to the Dynamics AX server.
- 3 Navigate to Agility.Server.Integration.DynamicsAx.Web and open the Dax2012R2 folder.
- 4 Copy the **Web.config** file and paste it in Agility.Server.Integration.DynamicsAx.Web. This **Web.config** tells the service to use the 6.2 version of the dll.

Note For Dynamics AX 2012 R3, you need version 6.3 of the Microsoft.Dynamics.BusinessConnectorNet.dll. TotalAgility 7.2 does not support this.

Installing Kofax TotalAgility on a Non-Standard Port

- 1 Click **Start > Run > IIS Manager > Sites > Default Web Site**. By default, the **Default Web Site** is selected.
- 2 Right-click the Default Website and click **Edit Bindings**.
- 3 Select the default port 80 and click **Edit**.
- 4 In the Edit Site Binding window, change the port number to 81 and click **OK**.
- 5 Install Kofax TotalAgility. See *Kofax TotalAgility Installation Guide*.
- 6 Enter the following URL in your browser and change the port number to 81 in the URL to logon. `http://ServerName:81/Agility.Server.Web/forms/GeneralWorkQueue.form`.

Starting the Streaming Service Manually

When Kofax TotalAgility is installed on a non-standard port, follow these steps to start streaming service manually.

- 1 On the installation media, open Agility.Server.StreamingService.exe.config at \\Kofax TotalAgility\Agility.Server.Web\bin> and change the base address section.

```
< baseAddresses >
<add baseAddress="http://<ServerName>.<DomainName>: <non default
    port>//Agility.Sdk.Services.StreamingService" />
</ baseAddresses >
```

- 2 Similarly, change the base address section in Agility.Server.StreamingService.exe.config at \\Kofax TotalAgility\CoreWorkerService>.

```
< baseAddresses >
    <add baseAddress="http://<ServerName>.<DomainName>:
<non default port>/Agility.Core.Services.StreamingService" />
</ baseAddresses >
```

- 3 Run the command netsh http add urlacl url=http://+:<non default port>//Agility.Sdk.Services.StreamingService user=%domainuser%.
- 4 Restart the Streaming Service.

Kofax TotalAgility Help

Configuring the Capture Properties of a Process

Step 6 was updated in this procedure, which appears in the "Configuring the Capture Properties of a Process" topic.

- 1 On the Extended Properties page of a process, click the **Capture** tab.
- 2 Associate a Classification Group with a process to help classify documents, and consume the group in the Classification Group box.
See Defining a Classification Group for more information.
- 3 Click **Yes** for Initialize From Scan to create a capture-enabled process. A capture-enabled process lets you create the Scan Create New Job form and Device Create New Job form on the process. At runtime, when you capture documents, TotalAgility initiates the process automatically.
 - A capture-enabled process must have an initialization variable of Document or Folder type; otherwise, you cannot save the process.
 - A map can only have one initialization variable of Document or Folder type; it cannot have multiple initialization variables of Document or Folder type.
- 4 To associate a Separation Profile with a process to separate documents and assign folders to them during processing, consume the separation profile in the Separation Profile box. See Creating Separation Profile.
The Separation Profile property is only enabled if the Initialize From Scan property is set to **Yes**.

- 5 By default, the Default Scan/VRS profile is associated with a capture-enabled process. To associate additional Scan/VRS profiles with a process, consume the Scan/VRS profile in the Scan/VRS Profiles box. See *Creating a Scan/VRS Profile*.

Note The System always takes the first profile as the default profile. To change the order of the profiles and use another profile as the default, use the **Up** and **Down** buttons.

- 6 Optionally, consume a Separation profile in the Device Separation Profile and Scan/VRS profile in the Device Scan/VRS Profile box to associate the profiles with a process to perform image processing and document separation on Device Create New Job forms.

Note the following:

- When configuring the Scan/VRS profile or Separation profile for a DCNJ form, you can only associate a single profile or leave the option blank.
 - When ingesting images through a DCNJ form by associating a Scan/VRS profile, both image processing and scanner settings defined in the profile are applied. If you leave the Device/ Scan VRS profile blank, the normal scan/VRS profile settings are applied.
 - The separation profile assigned to the process is used to process the job.
 - The pages removed by Scan/VRS profile and Separation profile do not decrement imaging volume licenses.
- 7 To save a scanned image as a rendition, click **Yes** for Save Input Image as Page Rendition and select the Page Rendition from the list. The image renditions options are available only when Initialize from Scan option is set to **Yes**.
- When you upgrade to Kofax TotalAgility 7.2.1, by default, the Save Input Image as Page Rendition property is set to **No** and the Page Rendition property is hidden.
- 8 Click **Save**.

Configuring the General Properties of a Form

Step 9 was updated in this procedure, which appears in the "Configuring the General Properties of a Form" topic.

- 1 On a form, click the form name.
- 2 On the Properties bar, click **Settings**.
- 3 By default, the form is added to the Default Category; change the category by consuming the category to use.
- 4 Enter the Name for the form.
- 5 View the current version of the form.
- 6 Enter the Title to appear on the form.
- 7 Click **Yes** to allow the use of security tokens. See *Security Tokens*.
- 8 For Offline Enabled, if set to **Yes**, devices will not execute field validation events for the form.
- 9 In the Image box, consume an image. This image appears as the shortcut icon for the Device Create New Job form in the MFP client.

The "Offline Enabled" and "Image" properties are specific to the Device Create New Job form.

- 10** Click **No** for Allow Anyone to prevent external users from accessing a form. (Default is Yes). On selecting No, the following options are enabled for internal users:
- a** For Security, select either of the following to permit or restrict access:
 - Allow Everyone Except
 - Deny Everyone Except
 - b** In the Resources box, consume the resource or groups to restrict or permit the access of a form at runtime.
- 11** For Horizontal Navigation, accept the default navigation set for the site or select a custom navigation menu to display horizontally in real-time. You can only select a navigation menu that is already created. See Configuring Navigation Settings.
- 12** For Vertical Navigation, accept the default navigation set for the site or select a custom navigation menu to display vertically in real time. You can only select a navigation menu that is already created.

Note For a Tablet or a Mobile form, you can only consume a vertical navigation menu. The horizontal navigation menu is unavailable for touch forms.

- 13** In the Refresh Interval box, specify the interval at which the form is refreshed automatically.
- 14** In the Initialization Variables box, consume the form fields, form variables, or global variables as initialization variables for your form. Initialization variables are variables or fields that must be populated when the form is first run.
- 15** For Touch Enhanced, click **Yes** to enable the touch property for the mobile and tablet forms.

Note When the Touch Enhanced property is set to **Yes**, the existing controls are removed and the Form Controls toolbox changes to touch enabled. Any controls added to the mobile form are prefixed with “Touch”. For example, Textbox is named as TouchTextbox.

This property is not supported for Mobile Capture and Mobile Barcode Capture.

- 16** Under the **Design** group, do the following:
- a** To specify a Primary Form amongst the desktop, mobile or tablet form, select one of the following:
 - **Desktop:** Opens the desktop form as the primary form in the form designer. (Default)
 - **Mobile:** Opens the mobile form as the primary form in the form designer.
 - **Tablet:** Opens the tablet form as the primary form in the form designer.

Note the following:

- When you add a redirect action to a form (desktop, mobile or tablet) and consume a target form, and if the same form type exists, the initial parameters of that form type are displayed. Otherwise, the initial parameters of the identified primary form are displayed.
- When you configure a navigation menu and consume a form, it displays the initial parameters of the primary form.

- b** For Width Mode, select either option:
 - **Fixed:** Accept the default width or specify a custom width in pixels, in the Actual Width box.
 - **Percentage:** Set the width of the form as a percentage to display the form relative to the browser window. The default percentage is 100%.
 - If you add a cell or a control to a cell in percentage mode, you can modify the width as a percentage. The default width is 100%.
 - A label associated with a control always has a fixed width.
 - If a form is set in percentage mode, resizing the browser window resizes the controls.
 - If you add a column or a cell to a form and the existing items are less than 98% in total (percentage or pixels), the new column or cell takes up the remaining space (to a total of 98%). The width of existing columns or cells does not change.
 - You cannot add a new column or a cell to a form if the existing items on the form are greater than 98% in total (percentage or pixels). You must resize the existing cells or columns to allow space for the new ones in the form.
- c** For Header Form, accept the default header for the site or consume a custom (**Other**) header for this form.
- d** For Associated Label Width, accept the default label width of 100 or change the width of the label. Changes that you make are applied to all the labels associated with the existing controls and to any new controls you add to the form.
- e** For Alignment, select **Left**, **Center** or **Right**.

17 Under the **Background** group, do the following:

- a** To select the Background color of the form, select either option:
 - Click **Theme** to use the default theme as the background.
 - Click **Inline** to select the color scheme.
- b** To enhance the look of the form, click **Yes** for Use Background Image or enter the Image Path.
- c** For Load Image from Store, select either of the following:
 - 1 No:** Enter an image name or URL in the Image box.(Default: No)

Note For on-premise TotalAgility, the image needs to reside in <Installation location>\Kofax\TotalAgility\Agility.Server.Web\Forms\Images.
 - 2 Yes:** Consume an existing image or enter the image name (for example, Add.png) in the Image box.

Note The name must match the name in the database for the image to display at runtime.
- d** For Resize To Fit, set to **Yes** to fit the image to the full size of the form. Click **No** to use the original size.

- 18** Under the **Viewport** group, click **Yes** to Use Viewport to control the display of a form in a mobile, tablet or desktop device. By default, the value for all the properties are set to blank. Configure the following properties:
- **Width:** Enter "device-width" to set the viewport to the physical width of the device screen or enter the number of pixels.
 - **Height:** Enter "device height" to set the viewport to the physical height of the device screen or enter the number of pixels.
 - **Initial Scale:** Enter the initial zoom of the web page, for example, the value of 1.0 indicates no zoom.
 - **Maximum Scale:** Enter the maximum level to zoom in a web page, for example, the value of 1.0 indicates the user cannot zoom in.
 - **Minimum Scale:** Enter the minimum level to zoom out a web page, for example, the value of 1.0 indicates the user cannot zoom out.
 - **User Scalable:** Click **Yes** to allow the user to zoom in and out of a web page.

Creating a Theme

Step 3(i) was updated in this procedure, which appears in the "Creating a Theme" topic.

- 1** On the Home page, click **Form Designer > Themes**.
- 2** On the General tab, configure the properties of the theme such as Category, Name, Description, Font Style, Font color, Page color.
- 3** To use a style sheet in a theme, consume the style sheet in the Name box.
Alternatively, type in the name of the style sheet. Make sure the name of the style sheet is correct for it to work at runtime.
 - a** In the **Basic Controls** group, select the style for Calendar, Check Box, Dropdown, Horizontal Rule, Hyperlink, Label, Radio Button List and Text Box, as needed.
When you apply a style to a calendar, it only applies to the drop-down list and not to the calendar selection popup. To display the button different from the calendar, do the following in the CSS file:
 - 1** Remove the line: `display: inline-block`.
 - 2** Add the following code snippet to change the color of the button:


```
.x-datepicker .x-btn
{
background: black !important;
color: red !important;
}
```

This style will be applied to all calendars.
 - b** In the **Buttons** group, select the style for the standard buttons, and image, calendar, table and picker buttons.
 - c** In the **Cell Header** group, select the background for the collapsible cell header.
 - d** In the **Menu** group, select the style for the default menu and hover.
 - e** In the **Table** group, select the style for header, frame, default rows, alternate rows and selected rows of the table.
 - f** In the **Tabs** group, select the style for the default tab, the selected tab, hover, content style and the header and footer style for the tab.
 - g** In the **Header/Footer** group, select the style for the header and footer.

- h** In the **List** group, select the style for the Row, Alternate Row and the Selected Row
 - i** In the **Capture** group, select the style for error messages, confirmed fields, non-confirmed fields, status bar, selected single node and selected multiple nodes.
- 4** Click **Save**.

SDK Documentation

The following APIs have been added to TotalAgility.

Class	Methods
CreateJobSyncWithDocuments	<p>This API returns field properties. By default, all field properties are returned expect for the OCR. You can specify which field properties are returned, the same way that you specify variables for return or field values for return, using either field name or IDs.</p> <p>For example, you can call the <code>CreateDocuments</code> API with the data returned from <code>CreateJobSyncWithDocuments</code>.</p>
CreateJobSyncWithDocument	<p>This API works similar to the above API. The only difference is that it accepts a single document only. The API does not accept or return a collection of document or documents fields, making it easier to map these parameters from a TotalAgility map or a form action.</p> <p>If the <code>storeFolderAndDocument</code> boolean parameter is set, the API commits the folders and documents temporarily stored in memory to the configured database.</p>

Note Refer to the SDK documentation for more information on these APIs.

MFP Clients

Configuring Single Sign On for Lexmark MFP Client

The Lexmark client supports Single Sign On with any security template that uses `UserId`. This requires additional steps to resolve and save the `UserId` in the current session.

Note This feature requires .NET Framework 2.0 or later.

To support Single Sign On, configure security for the device and (optionally) the Lexmark Client as follows.

- 1** On the device's Security Setup page, configure the appropriate security template for controlling access to the device or application.

- 2 Configure to lock the device or lock the Lexmark Client with the appropriate security template. If you choose to lock the Lexmark Client, do the following:
 - a On the device's Security Setup page, configure the appropriate security template for one of the available Device Apps (from App 1 to App 10).
 - b Also on the Configure page of the Lexmark Client, in the Associated Device Application field, select the ID of the Device App you selected and click **Apply**.
- 3 For Single Sign On with the Card Authentication on Lexmark MFPs, also do the following:
 - a On the device's Security Setup page, configure the appropriate security template for one of the available Device Apps (from App 1 to App 10) that will be used for Card registration.
 - b Also on the device's Security Setup page, configure the CardAuth security template for one of the other available Device Apps (from App 1 to App 10) that will be used for protecting the device and other apps.
 - c Install and configure the newly updated version of the Lexmark Card Authentication application.

Note Configure the Card Validation with a method that is available for Kofax TotalAgility user authentication.

- d On the Lexmark client, go to the Configure page. In the Associated Device Application field, select the ID of the Device App that configured to be protected by CardAuth and click **Apply**.
- e If you are using LDAP as the Card Validation method for Card Authentication, in Devices, add the following property in Advanced Settings:
 - Namespace: mfp.lexmark.properties
 - Name: sso.activedirectory.domain
 - Value: Input the domain name of the LDAP. The name is added with a backslash (\) in front of the user name (such as company\username).

If another card validation method is used, leave this property blank or remove it.
- 4 From the MFP, authenticate to unlock the device or get access to the Lexmark Client application.
The UserId used to log onto the MFP is used to authenticate with Kofax TotalAgility.

Setting Up HTTPS with Canon imageFormula ScanFront MFPs

The protocol used by Canon imageFormula ScanFront MFPs is configured with IIS. It is not affected by the setting in Kofax TotalAgility, and it does not require Require SSL to be set.