

Kofax AP Agility

Release Notes

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Chapter 1

About this release

The release notes give you late-breaking information about Kofax AP Agility version 2.1.0. Please read this document carefully, as it contains information that is not included in other Kofax AP Agility documentation.

Version information

The build number for Kofax AP Agility is 2.1.0.1.0.1020, which appears in `versions.txt` when you extract `KofaxAPAgility-2.1.0.1.zip`.

System requirements

Refer to the *Kofax AP Agility Technical Specifications* document for third-party software platform components for this product. This document lists the versions of third-party software platform components that are supported for use with Kofax products. Kofax is committed to ensuring that our products work with these component versions and addressing issues that arise when our products are used in conjunction with them. Unless otherwise specified, we do not support the use of our product in conjunction with versions of software other than those listed in the *Kofax AP Agility Technical Specifications* document.

Product documentation

By default, the Kofax AP Agility documentation is available online. However, if necessary, you can also download the documentation to use offline.

Default online documentation

The product documentation for Kofax AP Agility 2.1.0 is available at the following location.

https://docshield.kofax.com/Portal/Products/en_US/APAgility/2.1.0-drbywob7qp/APAgility.htm

To launch the online help for the Kofax AP Agility app in the Kofax TotalAgility Workspace, click **Help**.

Configure offline documentation

To access the documentation offline, download `KofaxAPAgilityDocumentation-2.1.0_EN.zip` from the [Kofax Fulfillment Site](#) and extract it on a local drive available to your users.

The compressed file includes both `help` and `print` folders. The print folder contains all guides, such as the Installation Guide and the Administrator's Guide.

You can configure Kofax AP Agility to use offline help by following these steps.

1. Extract the contents of the compressed documentation file, `KofaxAPAgilityDocumentation-2.1.0_EN.zip`.
2. Copy the contents of the extracted help folder to the following folder where Kofax TotalAgility is installed:

```
Agility.Server.Web\Help\APAgility\en_US\2.1.0\
```

Note the following:

- This location is suggested because it is available and already used for Kofax TotalAgility offline documentation. However, for Kofax AP Agility, it is possible to use any path for the help, as long as it is on a web server available through http. Modify the paths below accordingly.
 - Kofax AP Agility help is available in English only.
3. To configure the user help, log on as a user with administrator rights to Kofax AP Agility Designer.
 4. Open **Form Designer**. In the **Explorer** panel, select **Navigations**.
 5. Select **AP Agility** as the category and select **AP Agility Menu**.
 6. Under **Menu Items**, select **Help**.
 7. In the **Target** field, set the following URL:
`http://<Server>/totalagility/Help/APAgility/en_US/2.1.0/index.html`.
Where `<Server>` is host name or IP address of the Kofax TotalAgility server.
 8. Save the settings and exit Kofax AP Agility Designer.
 9. Open the **AP Agility** site.
 10. Click **Help**.
The help should open, and the browser's address field indicates the URL where the help is installed, such as `http://<Server>/totalagility/Help/APAgility/en_US/2.1.0/APAgility_help/c_welcome.html`.

New features

Kofax AP Agility 2.1.0 has the following new features.

Enterprise Resource Planning system (ERP) connectors

Kofax AP Agility exports all validated and approved invoices to the Enterprise Resource Planning system (ERP) through a connector plugin. Kofax AP Agility provides plugins for the following ERPs:

- PeopleSoft
- Microsoft Dynamics

Note See the [Additional Documentation](#) for installation instructions for the Microsoft Dynamics connector.

- Infor Lawson

Agnostic ERP integration provides an ERP-neutral way of integration by transferring data to and from folders. Kofax AP Agility Administrator specifies the output file system folder for exported invoices. Kofax AP Agility creates an invoice image in the original format and metadata (XML, CSV) files in the specified folder for all exported invoices.

Azure support

Kofax AP Agility can now be used with a Kofax TotalAgility Azure tenant. In the Azure configuration, the database and other components are pre-installed and configured. The ERP connector should be installed on-premise and available to the Kofax TotalAgility Integration Server.

Integration with Kofax Invoice Processing Agility

Kofax AP Agility shares the database and other components with Kofax Invoice Processing Agility so that purchase orders and invoices can be matched, including in line tables.

Analytics support

Analytics now uses Insight 6.0, which supports the Azure configuration.

Documentation changes

The documentation has been reorganized to make it more accessible to different Kofax AP Agility users:

- Help provides instructions for users of the Kofax AP Agility application in Kofax TotalAgility Workspace. You can launch the help from a menu.
- *Kofax AP Agility Installation Guide* provides instructions for installers and for those configuring an Azure implementation.
- *Kofax AP Agility Administrator's Guide* provides post-installation and configuration tasks, information about setting up ERP connections, and performing other administrative tasks.

For information about accessing the documentation, see [Product documentation](#).

Chapter 2

Resolved issues

This chapter describes issues that are resolved in Kofax AP Agility 2.1.0.

Organization, Business Unit association not accurate after invoice import

Kofax AP Agility did not validate the association between an Organization and a Business Unit during the invoice import. If a user entered a Company Code in Kofax Invoice Processing Agility (Business Unit) that did not belong to an Organization, the invoice came to an incorrect Organization in Kofax AP Agility. (1081014)

Unable to receive email notifications

If an invoice owner was a group of users, and one of the users selected the Save and Retain Ownership option, the configured email notifications was not received. (1078346)

Export from Kofax Invoice Processing Agility failed

When exporting invoices from Kofax Invoice Processing Agility to Kofax AP Agility with the XML output and PDF output options enabled, the following errors occurred (1059021):

```
XMLExporter: The process cannot access the file '<IP Agility Export Path>
.XML' because it is being used by another process.
```

Or:

```
PDFExporter: The process cannot access the file '<IP Agility Export Path>
.pdf' because it is being used by another process.
```

Some Line Items imported with incorrect LineType

Kofax Invoice Processing Agility Misc charges, such as freight and pallets in Line Items, were imported to Kofax AP Agility with incorrect LineType ITEM instead of LineType Misc charges. (982757)

Kofax Analytics for AP Agility

Theme not applied correctly

After you installed Kofax Analytics for AP Agility on the same environment where Kofax Analytics for TotalAgility was installed, the Kofax Analytics for AP Agility viewer (dashboard) used the Kofax Analytics for TotalAgility theme. (1083125)

User Mapping Source is empty

After you installed Kofax Analytics for AP Agility on the same environment where Kofax Analytics for TotalAgility is installed, the **Source** field in **User mapping** was blank. (1083107)

Invoice Search issue

If an attempted action failed to execute from Invoice Search, an error no longer not appears. (973629)

Chapter 3

Known Issues

This chapter lists issues that you may encounter while using Kofax AP Agility 2.1.0. Workarounds are provided, as applicable.

Release Notes differences

The Release Notes that are on the hosted site do not match the Release Notes that are in the `KofaxAPAgilityDocumentation-2.1.0_EN.zip` file.

Workaround: If you want to use the Release Notes offline, download the most up-to-date copy from the [hosted site](#).

Site ID constructed even when vendor data has no Site ID

When importing vendor data without SiteIDs from a CSV file, the entries that are written to the `BRWVendorMaster` table still contain a tilde (~) as the SiteID separator. Kofax Invoice Processing Agility constructs this key without a separator and as a result, the vendor records cannot be loaded during Validation. (1175822)

Workaround: Always activate the Site ID field in the Kofax Invoice Processing Agility Field Settings, maintained in the Solution Configuration Manger.

Also, when generating CSV files for the agnostic ERP connector, the following fields must have entries.

- `VendorSiteId` in `vendors.csv`
- `VendorSiteID` in `po_headers.csv`

You can populate these entries with a constant or default value such as 0, but they cannot be left empty.

Obsolete third-party license notices file

The third-party licenses.txt file provided with Kofax AP Agility and Kofax AP Agility Analytics contains obsolete information. (1173268)

Workaround: The correct license notices file is located in `IPAgility-1.1.0-license-texts.zip`. Extract the file and open `APAgility_2.1-notices.txt`.

Created Date contains the date without the time

In the History tab for an invoice, the Created Date only displays the date. The time is missing, which was included in the previous version of Kofax AP Agility. (1164997)

Controls become visible after a form variant sets the display state to Read Only

Multiple form variants can have the same display setting without creating a display rule for each one. However, controls in Kofax TotalAgility cannot be set to both Hidden and Read Only at the same time. If a form variant sets the control is set to Read Only, it also becomes visible. (1121626)

Value in a PO Type list can be deleted

If a PO invoice is in an exception state, the values in the PO Type drop-down list should not be deleted. However, a user who is processing exceptions in Kofax AP Agility can delete values in this list and can then submit the PO invoice without an PO type. (1121624)

PO fields remain visible on the master form

A Kofax AP Agility administrator is able to hide invoice fields in the organization's configuration settings. However, PO-related fields (PO Number, PO Extension, PO Type, Material Number) will always be visible for the PO invoices on the master form. (1121571)

Count of pending activities does not match number of items in work queue

If a user is a member of several groups and has assigned activities in different queues, there may be a discrepancy between the count of pending items and the number of activities of visible in the work queue. The count shows the total of all activities assigned to the user, but the work queue only shows the activity for the group the user logged into. If the user has logged in for invoice coding, the queue may show one activity, but the count indicates seven. (1116237)

Modified data lost when switching between lines in Invoice Coding

If data is modified on the Invoice Coding form, it is lost when switching to another line. Changes are not automatically saved. (1109105)

Workaround: Click **Update Line(s)** before switching to another line to save changes.

Empty U of Q field not marked as invalid

If the U of Q field is left empty on the Lines tab, it is not marked as invalid. It is marked as invalid only if a single line is selected on the Lines tab. (1108560)

GL Code field incorrectly marked as required

For PO invoices, the GL Code field is not required. However, when changing the value of an invoice line and clicking Update Line(s), a blank GL Code field is incorrectly flagged as invalid. (1076221)

No validation of GL Code value

When coding an invoice, any value can be entered in the GL Code field, and the invoice can be moved to the next handling process. This enables invalid values to be added to an invoice. (1074292)

Different business units can use the same GL Structure codes

The Recent GL Code list for different business units displays the same values. This causes the GL Structure codes for one business unit to be used for another. (982621)

Fields for Line Items not exported

The following fields are not exported from Kofax Invoice Processing Agility to Kofax AP Agility (982753):

- Line Items Unit of Quantity
- Line Items Discount
- Line Items Tax Amount
- Line Items Category

Chapter 4

Additional documentation

The following sections provide additional documentation for new features available in Kofax AP Agility 2.1.0.1 that is not available in the existing documentation.

The following additions will be made to the documentation in the next full release of this product.

Install Microsoft Dynamics AX ERP connector

If you are using the Microsoft Dynamics ERP, it is necessary to integrate it with your Kofax AP Agility installation. However, before you can install the Microsoft Dynamics ERP Connector, ensure that you also upgrade your installation using `KofaxAPAgility-2.1.0.1.zip`.

You can install the Microsoft Dynamics AX (DAX) ERP connector by following these steps.

1. Upgrade your installation to Kofax AP Agility 2.1.0.1.
2. Download the `KofaxInvoiceProcessingERPConnector-1.1.0_For_DAX.ZIP` from the [Kofax Fulfillment Site](#).
3. Extract the zip file contents on a local drive that is available to your users.
4. Copy the contents of the `ERP Connector\bin` folder from the extracted files to the `ERPConnector\bin` location in IIS where the Agnostic ERP connector files are installed. The Microsoft Dynamics ERP connector is installed.

Microsoft Dynamics AX integration

In order to integrate Microsoft Dynamics AX so that it can be used, you must perform the following steps in the specified order.

1. [Install the Dynamics AX ERP web service](#)
2. [Enable SSL](#)
3. [Test your installation](#)
4. [Configure Dynamics AX 2012](#)
5. [Configure the Dynamics AX ERP web service](#)
6. [Final steps](#)

Install the Dynamics AX ERP web service

You can install the Dynamics AX ERP web service by following these steps.

1. Extract the `ERP_Integration\MSDynamics\KofaxConnector_For_DAX.zip` file.
2. Copy the `DaxConnectorService` folder from the zip file to the `wwwroot` folder.
This is usually found under `C:\inetpub\wwwroot`.
3. Open Internet Information Services (IIS) and add a new **Website**.
The **Add Website** window is displayed. Add the following information.
 - a. Add a **Site** name.
For example, Kta Connector or MSDax Connector.
 - b. Select an **Application Pool**.
 - c. In its **Advanced Settings**, ensure that the selected Application Pool has **Enable 32-Bit Applications** set to **True**.
 - d. Set the **Physical Path** to the location where you saved the DAX connector. Refer to [Install Microsoft Dynamics AX ERP connector](#).

Important The selected application pool must have the necessary permissions to access the specified physical path.

- e. Set the **Port** as needed.
For example, 9810.
 - f. Ensure that **Start Website immediately** is selected.
 - g. Click **OK**.
- The website is added to the **Sites** in the **Connections** pane.
4. Select your new website and then double-click on **Authentication** from the central pane.
For the **Authentication** settings, set the following.
 - a. Ensure that **Basic Authentication** is set to **Enabled**.
If you cannot find the **Basic Authentication** option, make sure that this is enabled in IIS following these instructions. <https://docs.microsoft.com/en-us/iis/configuration/system.webservices/security/authentication/basicauthentication>.
 - b. Click **OK**.

Enable SSL

You can enable SSL by following these steps.

1. In IIS, right-click on your web site and select **Edit Bindings**.
The **Site Bindings** window is displayed.
2. Click **Add**.
The **Add Site Bindings** window is displayed.
3. Set the **Type** to **https**.
4. Set the **Port** to an existing free port.

5. Set the **SSL Certificate** to any valid certificate.
You can use a self-signed certificate for testing purposes.
6. Click **OK**.
The **Add Site Bindings** window closes.
7. Click **OK**.
The **Site Bindings** window closes.

Test your installation

You can test your installation by following these steps.

1. Open the web.config file for your web site and set the `KtaService:UseMockData` setting to **True**.
2. In a web browser, go to `http<s>://localhost:<port>/testconnection`.
Make sure that the port and bindings match the values that you entered when you created the web site or configured SSL.
3. Enter the username and password for any windows user.
A successful connection returns an XML `ErrorCode` of `NONE`.

Configure Dynamics AX 2012

Note This service must be installed on the same server where Dynamics AX 2012 Business Connector is installed and correctly set up.

More information on the Business Connector is available from <https://docs.microsoft.com/en-us/dynamicsax-2012/developer/net-business-connector-overview>.

The files mentioned in the steps below are included in the `ERP Integration/MSDynamics/KofaxConnector_For_DAX.zip/DaxConnectorIntegration` folder that is provided alongside the DAX Connector.

You can configure Dynamics AX 2012 by following these steps.

1. Import the AX model by following these steps.
 - a. Close Microsoft Dynamics AX.
 - b. Extract the `ERP Integration/MSDynamics/KofaxConnector_For_DAX.zip` file.
 - c. Navigate to the `DaxConnectorIntegration` folder, right-click on the `Import 2012 AXModel.bat` file, and then select **Run As Administrator**.
The batch file executes.
 - d. Restart the Windows Service called `Microsoft Dynamics AX Object Server [version] - MicrosoftDynamicsAX`.
 - e. Run Microsoft Dynamics AX.
 - f. When the application opens, and the message "The model store has been modified" is displayed, click **Skip** and then **OK**.
 - g. Press **Ctrl + D** to open AOT and then click on the Project button.
 - h. To open the project, expand the **Shared** note and then double-click **RpilIntegration**.

- i. From the **Build** menu, select **Compile**.
A progress bar indicates when the compilation is complete.
 - j. From the **Build** menu, select **Generate Incremental CIL**.
 2. Configure Manual Imports by following these steps.
 - a. Go back to the AOT view and then press **Import**.
 - b. Browse to and select the `ManualImports/Class_RpiGLService.xpo` file.
 - c. Select **Show details**.
The class details in the Import form are displayed.
 - d. Click **OK**.
 - e. Browse to and select the `ManualImports/Services.xpo` file.
 - f. Select **Show details**.
The class details in the Import form are displayed.
 - g. Click **OK**.
 - h. From the **Build** menu, select **Compile**.
A progress bar indicates when compilation is complete.
 - i. From the **Build** menu, select **Generate Incremental CIL**.

Configure the Dynamics AX ERP web service

You can configure the Microsoft Dynamics AX ERP web service by following these steps.

1. Open the `web.config` file and edit the following settings, all prefaced with `KtaService`.
 - a. `KtaService:UseMockData`. Using mock data affects data import. Data is imported from CSV files located in the `MockData` folder instead of from the ERP.
Use this feature for testing purposes only.
 - b. `KtaService:MockDataImportDelay`. This is the mock data import delay in seconds. When importing mock data, you can test data retrieval when import is still running.
However, mock data imports may be very fast, making it difficult to test. Because of this, it is possible to specify a simulated delay time.
Use this feature for testing purposes only.
 - c. `KtaService:NoOfPastImportsToKeep`. Defines how many imports worth of data remain stored in the database.
When set to 0, all past import data is cleared as soon as a new import is triggered. This is the recommended value for this setting.
When set to 1, import data is never cleared from the database.
2. Open the `web.config` file located in `<SiteRoot>\Services\Connectors\Dax\config`.
This file is where you define certain company information.
For each Company placed under Companies, a journal name and GISegments are required with the following settings.
 - a. `Id` is the ID of a company in Dynamics AX.

b. `JournalName` is the name of the Journal used when exporting NON-PO invoices. For example, `APInvoice`.

c. `GISegments` defines the association between Segment Names and Segment Numbers.

Here is an example for a single company.

```
<Company>
  <Id>usmf</Id>
  <GISegments>
    <Segment>
      <Name>BusinessUnit</Name>
      <Number>2</Number>
    </Segment>
    <Segment>
      <Name>Department</Name>
      <Number>3</Number>
    </Segment>
    <Segment>
      <Name>CostCenter</Name>
      <Number>4</Number>
    </Segment>
    <Segment>
      <Name>ItemGroup</Name>
      <Number>5</Number>
    </Segment>
  </GISegments>
  <JournalName>APInvoice</JournalName>
</Company>
```

A default company must also be defined. This is the default configuration that is used for companies that you have not explicitly configured.

Here is an example of a default company definition.

```
<Company>
  <Id>default</Id>
  <GISegments>
    <Segment>
      <Name>BusinessUnit</Name>
      <Number>2</Number>
    </Segment>
    <Segment>
      <Name>Department</Name>
      <Number>3</Number>
    </Segment>
    <Segment>
      <Name>CostCenter</Name>
      <Number>4</Number>
    </Segment>
    <Segment>
      <Name>ItemGroup</Name>
      <Number>5</Number>
    </Segment>
  </GISegments>
  <JournalName>APInvoice</JournalName>
</Company>
```

Final steps

You can finalize your Dynamics AX configuration by following these steps.

1. In the same `web.config` file that you used to configure your companies, the `system.serviceModel/client/endpoint` nodes need updated to point to the correct DAX instance.

You do this by updated the address attribute of the endpoint nodes. In the endpoint nodes the value attribute of the `servicePrincipalName` nodes needs updated accordingly.

2. After setting up Dynamics AX, it is important to set `KtaService:UseMocData` to **False**.