

Kofax OmniPage Server

Release Notes

Version: 3.0.0

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The KOFAX logo is displayed in a bold, blue, sans-serif font. The letters are thick and closely spaced, with a consistent weight throughout the word.

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About this release

The release notes give you late-breaking information about Kofax OmniPage Server (OPS) 3.0.0. Please read this document carefully, as it contains information that is not included in other Kofax OmniPage Server documentation.

Version information

The build number for OmniPage Server 3.0.0 is 3.0.20601.0300.

To verify the build number of the installer, right-click `InstallationWebAssistant.exe` and select Properties from the context menu. On the Details tab, you can verify the "Product version" property.

System requirements

For information on supported operating systems and other system requirements, see the [Technical Specifications document](#) on the [Kofax OmniPage Server Product Documentation site](#). The document is updated regularly, and we recommend that you review it carefully to ensure success with your Kofax OmniPage Server product.

Product documentation

The full documentation set for Kofax OmniPage Server is available online:

<https://docshield.kofax.com/Portal/Products/OmniPageServer/3.0.0-g6hc8b14r5/OmniPageServer.htm>

The Kofax OmniPage Server documentation set includes:

- *Kofax OmniPage Server Installation Guide*
- *Kofax OmniPage Server Administrator's Guide*
- *Kofax OmniPage Server API Reference Guide*
- *Kofax OmniPage Server API Sample Reference Guide*
- *Kofax OmniPage Server Folder Watcher Administrator's Guide*
- *Help for Kofax OmniPage Server Conversion Client*
- *Help for Kofax OmniPage Server Folder Watcher*
- *Kofax OmniPage Server Release Notes*
- *Kofax OmniPage Server Technical Specifications*

New features

This section lists the new features and enhancements introduced in this version of Kofax OmniPage Server.

Support for the OpenAPI Specification

The OmniPage Server API is based on the OpenAPI Specification, a widely accepted industry standard that defines an interface related to:

- RESTFul API
- Behavior of the API
- Payload objects
- Types and enums

Benefit: The OpenAPI Specification supports the ability to easily generate client stubs for a wide variety of programming languages, including C#, Java, or Python.

Support for RESTFul API

A RESTFul API is available to simplify and standardize communication with OPS.

Benefit: The customer can use the standard descriptions, tools, and libraries to access the OPS API. HTTP requests are supported on most existing platforms.

Support for OmniPage Licensing Agent

OPS now supports OmniPage Licensing Agent (OPLA) as the standard licensing solution for Kofax applications based on OmniPage Capture SDK version 21 or newer.

Benefit: With the introduction of OPLA, it is no longer necessary to run a dedicated Licensing Service for each OPS deployment. Multiple OPS deployments can share on the same OPLA, debiting the account of the same license.

Multiple OPLAs can be configured for OPS, which prevents hardware failures from impacting licensing data.

Support for HTML output

OPS introduces HTML as a supported output format.

Benefit: The customer can convert an input document to an HTML 5 result.

Support for .docx input

Earlier versions of OPS supported image-type input only, such as .png, .jpg, .xps, or .pdf. OPS now supports Office Open XML Documents (.docx) as an input format. This feature requires LibreOffice 6.4.0 or newer, and .NET Framework 4.7.2 installed.

Benefit: The customer can process .docx input documents.

Support for Command Line Interface

The Command Line Interface (CLI) allows the administrator to configure the OmniPage Server from a console instead of the Admin Console web interface.

Benefit: CLI is a new alternative for configuration, available with programming tools.

Centralized configuration management

The OPS configuration is stored in a central repository, apart from the repository connection string. Therefore, the configuration of multiple machines can be conducted simultaneously from a central location, from the Admin Console, or via the service's Command Line Interface.

Benefit: The administrator does not need to go through each node one by one to update the configuration.

License package migration

OPS 3.0 does not support OPS 2.0 licenses natively. This feature allows the customers to migrate their licenses to version 3.0, without changing the expiration date and the number of pages used.

Benefit: The customer can upgrade OPS without loss of licensing, and without having to wait for existing licenses to expire.

Updated CSDK

The Capture Software Development Kit (CSDK) has been updated to the latest published version (21.1.0.2).

Benefit: All the CSDK improvements are available for the customer, such as improved accuracy, Essay mode, bug fixes and stability enhancements.

Web-based installer with SSL support

The new web-based installer supports SSL certificates for HTTPS communication between endpoints.

Benefit: The administrator doesn't need to perform an extra step to reconfigure web endpoints to use HTTPS protocol after installation. The installer provides more detailed information, including links to the installed components on the closing page.

Improved UI for web clients

The UI of the Folder Configuration Editor and Conversion Client clients leverages most of the expanded capabilities of the OPS 3.0 API.

Benefit: The new web UI offers users more flexibility during job configuration.

Enhanced result folder selection in Folder Watcher

In earlier versions, users could only select subfolders of the watched folders as a target for the result files. From the current release on, users can specify an absolute path as well.

Benefit: Users have more options to set the result file location, so they can create a more convenient folder structure for result documents. Even results from different watched folders can be gathered in one folder.

For example, results from `C:\Watched_User1` can be copied to `C:\Results_User1`, instead of `C:\Watched_User1\Results`.

Support for JSON log format in Folder Watcher

Folder Watcher uses JSON as the log format, which is human-readable and easy to be processed automatically.

Benefit: The user can easily track or process the ongoing or already finished conversions. The JSON format allows the user to easily create macros or other programs to further process the log. For example, they can copy the result files to a network location, send them as an email attachment, or print them.

A simple sample named "HandlingFolderWatcherResultSample" is available in the installation package. This sample keeps track of the finished conversions, and the results are copied into a predefined folder. Customers can modify this sample according to their needs.

Installation

After you download and extract the product installation files, see the *Kofax OmniPage Server Installation Guide* for detailed instructions. The guide is available from the Documentation subfolder in your installation files, or online from the Product Documentation landing page as noted in the [Product documentation](#) section.

Resolved issues

This section lists previously reported issues that are now resolved in Kofax OmniPage Server 3.0.0.

Improper error message for missing anchors

1549775: Form Data Extraction returned an improper error message in the case of missing reference anchors.

Improper handling of processing rules

1496970: Folder Watcher did not handle processing rules set in the System Configuration Editor properly. The following parameters were affected by this issue:

- Post processing mode
- Include filter
- Exclude filter

Known issues

This section describes issues that you may encounter while using Kofax OmniPage Server 3.0.0 and provides workarounds, as applicable.

OPS does not return a "result.xml" file

1567396: In OPS 3.0, workflow processing, all job items must contain an "OutputXML" node. The server returns processing errors and warnings in standard OPS Error and Warning objects, but does not return a "result.xml" file.

Form Data Extraction does not support .xml result

1567393: Form Data Extraction output is now standardized with the introduction of CSDK Intelligent Workflow Runner. The recognized form elements return in CSV instead of the XML format used in earlier versions. The CSV result provides less additional information than XML did.

Limited compatibility with OPS 2.0 API

1567387: Document Classification, Form Data Extraction, and Workflow Processing job types are not supported by the v2.0 compatibility interface.

Workaround: For the job types above, use the [new API](#), which provides a standardized interface for all features.

Support ends for outdated output formats

1567387: The WordPerfect output format is no longer supported for use with the OmniPage Capture SDK or with OPS.

The PowerPoint97 output format is no longer supported. Use the PPTX output with superior quality instead.

Workflow Designer tool cannot connect to OPS

1565922: The Workflow Designer tool cannot connect to the OPS directly to test the currently edited job.

Workaround: Save the job .xml file and execute it with OPS.

WCF Server version exposed in Server headers

1549640: Web Services in Windows Communication Foundation (WCF) expose server versions in HTTP Server headers by default. Revealing the specific software version can potentially expose known vulnerabilities to attackers. Applications cannot control this issue directly. For general details on this WCF issue, see [this Microsoft blog article](#).

Workaround: You need to suppress all instances of the HTTP Server header from all HTTP responses in WCF, on all computers hosting web-based components. In an OPS installation, this typically includes all computers running the Master or a Folder Watcher. To make OPS HTTP communication security compliant, set the following registry flag to 2 on each relevant computer:

```
HKLM\SYSTEM\CurrentControlSet\Services\HTTP\Parameters\DisableServerHeader
```