

# **Kofax Search and Matching Server**

6.0.0

Release Notes



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# Preface

This guide contains information about the new features, changes in behavior, resolved issues, known problems for Kofax Search and Matching Server

This guide is for solution administrators who are considering upgrading Kofax Search and Matching Server and who need a description of the changes in this release.

If you downloaded Kofax Search and Matching Server from the Kofax Electronic Delivery site, you can extract the files from the zip file. Refer to the instructions on the Site. Or, you may have received Kofax Search and Matching Server as part of a package that includes electronic media.

## Related Documentation

In addition to these Release Notes, Kofax Search and Matching Server includes the following documentation.

### *Kofax Search and Matching Server Installation Guide*

The *Kofax Search and Matching Server Installation Guide* provides instructions for installing the Kofax Search and Matching Server and the Kofax Search and Matching Server Administration. In addition, it contains information about installation requirements, important installation notes, modifying the installation and uninstalling the product.

### *Help for Kofax Search and Matching Server*

The Help provides detailed information about the concept and principles of this remote fuzzy database server and how to use Kofax Search and Matching Server Administration for setting up and maintaining fuzzy indexes.

## Training

Kofax offers both classroom and computer-based training that help you make the most of your Kofax solution. Visit the Kofax Web site at [www.kofax.com](http://www.kofax.com) for complete details about the available training options and schedules.

## Getting Help for Kofax Products

Kofax regularly updates the Kofax Support site with the latest information about Kofax products.

To access some resources, you must have a valid Support Agreement with an authorized Kofax Reseller/Partner or with Kofax directly.

Go to <http://www.kofax.com/support/> for:

- Access to product knowledge bases  
Click **CAPTURE: SUPPORT KNOWLEDGE**

- Access to the Kofax Customer Portal (for eligible customers)  
Click **CAPTURE: SUPPORT INTERACTIONS** and log in  
To optimize your use of the portal, go to the Kofax Customer Portal login page and click the link to open the *Guide to the Kofax Support Portal*. The guide describes how to access the portal, what to do before contacting the support team, how to open a new case or view an open case, and what information to collect before opening a case.
- Product information and release news  
Click **Product** and select a product name and version.
- Downloadable product documentation  
Click **Documentation** and select a product name and version.
- Access to support tools  
Click **Tools** and select the tool to use.
- Information about the support commitment for Kofax products  
Click **Options** and select **Kofax Support Commitment**.

# Introduction

This set of release notes contains important information not included in other Kofax Search and Matching Server documentation. Please read these release notes carefully before you install, upgrade, or use this product.

Information about supported operating systems and other Kofax Search and Matching Server requirements is available on the Kofax Support website at [www.kofax.com](http://www.kofax.com).



# New Features

This release provides the following new product features.

## Database Locator Option to Focus Results

A new option is available when configuring a database locator. This option enables you to configure your locator to prioritize the results based on precision rather than speed. This means that a search may take longer, but the results are more accurate. If you prefer quick results rather than accuracy, this can be configured instead.

## Configurable Automatic Update

It is now possible to configure Kofax Search and Matching Server to update automatically every five minutes.

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**Note** If Administration is installed on a different machine than the Search and Matching Server, then you need to update both in order to be able to use the new automatic update settings.

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# Changes in Behavior

There are no changes in behavior for this version.



# Resolved Issues

The following issues that were reported for a previous version of the product were fixed in this release.

## Automatic Updates Every Five Minutes

Kofax Search and Matching Server can now be configured to update automatically every five minutes.

If Administration and the Server are installed on different computers, you need to update both the Server and Administration to use the new hours and minutes setting for the automatic update. If you only update either the Server or the Administration, the functionality is restricted as follows:

- When the Server is updated but not Administration, you can only select full hours (1:00, 2:00, 3:00 ...) because of the limitation in the user interface.
- When Administration is updated but not the Server, you can select custom hours and minutes (1:05, 2:45, 3:12 ...), but the Server still only supports full hours. The updated Administration sets a timing less than one hour (0:36, 0:05 ...), and the old Server tries to update each minute.

For full functionality, update both Administration and the Server. (SPR00097630)

## Database Access Error

If the Microsoft SQL Server was accessed by a user other than the default "Dbo" (database owner), an invalid object error was displayed. This error message now includes the necessary information in order to troubleshoot this problem. It not correctly refers to [schema].[object] instead of [schema.object]. (SPR00096706)

## Database Locator Best Results Returned Only when Minimum Confidence is Zero

The Database Locator has a new option that enables you to specify whether you want your database search results to be based on speed or accuracy. (SPR00114830)

## Deactivated Text Base Database Cannot be Activated after a Server Restart

You can activate a deactivated text base database even after restarting Kofax Search and Matching Server. (SPR00091695)

## **Executable Files Not Signed**

All executable files provided with Kofax Search and Matching Server have been signed with a Kofax certificate. (SPR00091609)

## **Fuzzy Database Search Unhandled Exception**

There is no longer an exception when performing a fuzzy database search via script. (SPR00093447)

## **Installation Does Not Create UpdateVersion Key in Registry**

The Kofax Search and Matching Server installer for a service pack did not create an UpdateVersion key in the Registry. A new component was created to set the key correctly. (SPR00092175)

## **Kofax Search and Matching Server Automatically Updates Every 5 Minutes**

It is now possible to configure Kofax Search and Matching Server to update automatically every five minutes. (SPR00097640)

## **Kofax Search and Matching Server Master Node Unresponsive**

The automatic update in an environment using a load balancer and at least 2 Kofax Search and Matching Server nodes may freeze the master node so that it enters a dead-lock state. The problem occurred when a new check for database update is led but the master is still in the previous automatic update handling, doing the replication from the database to the slaves node. The conditions leading to the dead-lock have been resolved. (SPR00115310)

## **Kofax Search and Matching Server Suspends During Synchronization**

When a large relational database was used as a source, Kofax Search and Matching Server suspended when it attempted to update automatically. Databases of all sizes can now be updated successfully, and it no longer suspends during an automatic update. (SPR00102169)

## **Missing Version Information**

The About window has been fixed so it displays complete version information. (SPR00090832)

## **Most Confident Records May Go Missing**

This error occurred when the Database Lookup button was configured with a "Maximum Results" value, the search query contained at least two words, and the entered words were found numerous times in the database records. Now, the most confident result is returned, even if the words are found many times in the database. (SPR00113372)

## **Wrong Confidence Results for Incorrectly Imported CRP File**

When a batch was processed in Validation, a new database (.crp) was created using the auto-update feature. The internal floating point precision setting was set to a different value during the batch opening, causing a bad import and search. The floating-point math package is now reinitialized before importing data into the fuzzy database, and before performing a search. (SPR00112586)



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# Known Issues

This section contains information about potential problems that you could encounter while using Kofax Transformation Modules. These problems are organized by product feature, and workarounds are provided as applicable.

## Cannot Uninstall Kofax Search and Matching Server Service Packs

When you have Kofax Transformation Modules 5.5 and Service Pack 1 (5.5.1) installed, then upgrade to Service Pack 2 (5.5.2), and finally install the Kofax Search and Matching Server 5.5.2.6 fix pack, uninstalling the fix pack abnormally terminates with a 2920 error code. This issue applies to Kofax Search and Matching Server for 64-bit operating systems as well.

**Workaround:** To uninstall Kofax Search and Matching Server 5.5.3.6, you need to first uninstall Kofax Transformation Modules Service Pack 2 (5.5.2). Then reinstall the Service Pack without the fix pack.

## Cannot See Databases Configured in Versions Prior to 5.5.2.3

If the general database settings are modified in Kofax Search and Matching Server 5.5.2.3, you can no longer see that database. If you create a new database after installing this fix pack, and you modify the General Settings in any way, including opening the General Setting and clicking OK without any modification, the database XML file is updated to include <Min> setting for Automatic Update. This means that this database can no longer be used by versions of Kofax Search and Matching Server prior to 5.5.2.3.

This includes exporting and then importing a database to an older version, or uninstalling 5.5.2.3. If you open Administration in an older version, the database does not appear in the Available Databases panel, and the log says that The “database 'Database' cannot be loaded.” If however, you use Kofax Search and Matching Server 5.5.2.3 together with Administration from a previous version, the database is displayed in the Available Databases panel, but the General Settings cannot be opened, and the following message is displayed: “Value of '0' is not valid for 'Value'. 'Value' should be between 'Minimum' and 'Maximum'. Parameter name: Value”.

**Workaround:** Use a version of Kofax Search and Matching Server prior to 5.5.2.3 to do the following:

- 1 Stop the Server service.
- 2 Open the DatabaseSettings.xml file for the database that was modified with Kofax Search and Matching Server 5.5.2.3.
- 3 Delete the <Min> line.
- 4 Set <Hour> value to a valid number between 1 and 168.
- 5 Restart the Server service.

