

# Kofax Search and Matching Server

Release Notes

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# Table of Contents

<b>Chapter 1: About This Release</b> .....	<b>4</b>
Version Information.....	4
New Features.....	4
Changes in Behavior.....	4
Database Import/Export Zip File Password.....	4
Parameter Changes.....	4
<b>Chapter 2: Resolved Issues</b> .....	<b>6</b>
Kofax Search and Matching Server 6.6 Fix Packs.....	6
Kofax Search and Matching Server 6.6.0 Fix Pack 7.....	6
Kofax Search and Matching Server 6.6.0 Fix Pack 6.....	6
Kofax Search and Matching Server 6.6.0 Fix Pack 5.....	6
Kofax Search and Matching Server 6.6.0 Fix Pack 4.....	7
Kofax Search and Matching Server 6.6.0 Fix Pack 3.....	7
Kofax Search and Matching Server 6.6.0 Fix Pack 2.....	8
Kofax Search and Matching Server 6.6.0 Fix Pack 1.....	9
<b>Chapter 3: Known Issues</b> .....	<b>10</b>
Backwards Compatibility with Kofax Search and Matching Server Prior to 5.5.2.3.....	10
Installer Does Not Update Registry Values When Settings Change.....	10
Services User Account Permissions.....	11

## Chapter 1

# About This Release

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 requirements is available on the Kofax Support website at [www.kofax.com](http://www.kofax.com).

## Version Information

The Kofax Search and Matching Server 6.7 release has the following build number, which appears in the About Kofax window:

6.7.0.0.0.3161

## New Features

There are no new features for this version.

## Changes in Behavior

The following changes have been made to the behavior of Kofax Search and Matching Server 6.7.

### Database Import/Export Zip File Password

After an improvement of the algorithm used to zip a database, it is no longer possible to add a password when you zip a database for export.

If it is necessary to encrypt or decrypt your zipped database file, use a third-party zip tool such as 7-Zip or similar.

### Parameter Changes

The `TARGET_DATABASESPATH` parameter is now the `KSMS_DATAFOLDER` parameter. This is because it is now possible to specify a separate storage location for the Load Balancer data and another for the Kofax Search and Matching Server data, such as fuzzy databases, log files, and uploaded files.

Use the `LOADBALANCER_DATAFOLDER` parameter to specify the data path for the Load Balancer.

## Chapter 2

# Resolved Issues

The following problems have been resolved in Kofax Search and Matching Server 6.7.

## Kofax Search and Matching Server 6.6 Fix Packs

The following Fix Packs have been released for Kofax Search and Matching Server since 6.6.0 was released.

### Kofax Search and Matching Server 6.6.0 Fix Pack 7

The following problem has been resolved in Kofax Search and Matching Server 6.6.0 Fix Pack 7 (6.6.0.7).

#### 874841 - Database Lookup Error

Accents or special characters such as Ü, ö, ß, and À, are now handled correctly.

### Kofax Search and Matching Server 6.6.0 Fix Pack 6

The following problem has been resolved in Kofax Search and Matching Server 6.6.0 Fix Pack 6 (6.6.0.6).

#### 835598 - Load Balancer Timeout

Because of continuous connection checks between the Load Balancer and its nodes, a 24-hour timeout no longer occurs.

#### 748935 - Non-Existent Payee Returned

For databases using "String Substitution," the correct confidences are not assigned to the matches returned by Kofax Search and Matching Server.

#### 748779 - Automatic Import Error

A log file error no longer occurs when the automatic update is performed and a stored procedure is not selected.

### Kofax Search and Matching Server 6.6.0 Fix Pack 5

The following problem has been resolved in Kofax Search and Matching Server 6.6.0 Fix Pack 5 (6.6.0.5).

## 727252 - Install Requires KSMSAdministrator Group

It is now possible to configure your installation to use a user account that is in a group other than the predefined "KSMSAdministrators" group for both Kofax Search and Matching Server and the Load Balancer.

For more information, see the *Kofax Search and Matching Server Installation Guide*.

## 687698 - Valid Values not Found by Database Locator

The Database Locator no longer excludes valid alternatives during extraction.

## Kofax Search and Matching Server 6.6.0 Fix Pack 4

The following problem has been resolved in Kofax Search and Matching Server 6.6.0 Fix Pack 4 (6.6.0.4).

### 726014 - Load Balancer WCF Connections Limitation

It is now possible to adjust the `ThrottlineMaxConcurrentCalls` and `ThrottlingMaxConcurrentSessions` values under the `HKEY_LOCAL_MACHINE\SOFTWARE\Kofax\SearchMatchingServer\5.5\LoadBalancer` registry keys.

**Note** The default value for both registry keys is now 2048. These two keys must have the same value.

### 711498 - Fuzzy Database Intermittently Unavailable

Correctly configured and tested Fuzzy Databases are no longer intermittently unavailable at certain times.

### 710687 - Intermittent Database Connection Error

An error is no longer encountered during database re-import when using a Load Balancer with master and slave nodes.

### 710655 - Command Line Administration Issues

When using the command line for importing a database archive, the database name is longer required. This is because the names of the databases are found in the ZIP file when it is imported. It is therefore, now possible to import more than one database at a time.

## Kofax Search and Matching Server 6.6.0 Fix Pack 3

The following problem has been resolved in Kofax Search and Matching Server 6.6.0 Fix Pack 3 (6.6.0.3).

### 704504 - Reduced Mode for Kofax Search and Matching Server Load Balancer

When the Load Balancer and nodes are running in restricted mode, then there is no master node in a cluster. Slave nodes can be referenced by a second Load Balancer for redundancy.

In addition, there is a new installer parameter that can configure the new Restricted Mode.

For more information, see the *Kofax Search and Matching Server Installation Guide*.

## 704488 - Installation Steps Missing

The missing information is now available in the *Kofax Search and Matching Server Installation Guide*. For more information, see the *Kofax Search and Matching Server Installation Guide*.

## 704483 - Command Line Option to Import Databases

It is now possible to call the Administration tool via a Command Line to import databases.

For example,

```
Kofax.KSMS.Administration.exe /i NodeAddress=localhost NodePort=22000 ZipPath="C:\zip\KSMSExportDatabases.zip" ZipFilePassword="PasswordIfAnyUsedOtherwiseBlank" DatabaseName="Database"
```

Optionally, the "/q" parameter can be used to suppress pop-up messages in the case of error or success.

## 698445 - Option to Add Nodes Dynamically

It is now possible to call the Administration tool via the Command Line to dynamically add or remove Kofax Search and Matching Server nodes.

To add a node:

```
Kofax.KSMS.Administration.exe /a LoadBalancerAddress=localhost LoadBalancerPort=22001 NodeAddress=localhost NodePort=22000
```

To remove a node:

```
Kofax.KSMS.Administration.exe /r LoadBalancerAddress=localhost LoadBalancerPort=22001 NodeAddress=localhost NodePort=22000
```

Optionally, the "/q" parameter can be used to suppress pop-up messages in the case of error or success.

## 270193 - Oracle Connection Settings

It is now possible to use Oracle private synonyms as input for a fuzzy database.

## Kofax Search and Matching Server 6.6.0 Fix Pack 2

The following problem has been resolved in Kofax Search and Matching Server 6.6.0 Fix Pack 2 (6.6.0.2).

## 687698 - Database Locator Cannot Find Values

The fuzzy database search algorithm has been improved to include search values that were previously filtered from the search results.



## 676282 - High Availability for Load Balancer

When a load balancer is deployed and one or more of its Kofax Search and Matching Servers are also configured as alternative hosts, the extraction process uses the Load Balancer by default.

## 667871 - Improve Memory Usage During Import and Update

Memory usage has been improved during import and update from Oracle databases.

## Kofax Search and Matching Server 6.6.0 Fix Pack 1

The following problem has been resolved in Kofax Search and Matching Server 6.6.0 Fix Pack 1 (6.6.0.1).

### 641214 - Lines Removed if Cell Contains Tab Character

Table records are no longer skipped during import from a relational database if a cell contains a Tab character. The tab is replaced with a single space character during import.

### 323975 - Database Fields with Line Breaks

It is now possible to import a relational database with line breaks into Kofax Search and Matching Server. The line breaks are replaced with single space characters during import.

**Important** CSV or TXT file databases with line breaks are not supported.

### 614184 - Large Databases not Synchronized and Transmitted to Slave

Large databases are now fully synchronized and transmitted to slaves when using the Kofax Search and Matching Server.

### 315258 - Issues Accessing the Default Schema in SQL Server 2014

It is now possible to select objects from schemas other than the default schema, as long as users have access to these other schemas.

## Chapter 3

# Known Issues

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

## Backwards Compatibility with Kofax Search and Matching Server Prior to 5.5.2.3

If a database was configured in Kofax Search and Matching Server in a version prior to 5.5.2.3 and used the automatic update feature with the "Hourly" setting, opening that database in a later version updates the database and makes it incompatible with previous versions. The database fails to load in the previous version and an error message is written to the log file.

The backwards compatibility is broken the moment that the General Settings window is opened and closed by pressing **OK** in a later version of Kofax Search and Matching Server. This is because a new "Minute" increment for the "Automatic Update" feature was introduced by FR1482/SPR00097630.

**Workaround:** To use a database in Kofax Search and Matching Server 5.5.2.3 that was updated or created in Kofax Search and Matching Server 5.5.2.4 or later and uses the "Hourly" automatic update feature, 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>...</Min>` line under the section: `<UpdateIntervallItem>`
4. Set the `<Hour>` value to a valid number between 1 and 168.
5. Restart the Server service.

## Installer Does Not Update Registry Values When Settings Change

If you attempt to change the Kofax Search and Matching Server settings by running the installer and using the Change option, the Registry is not updated to the new settings. The registries in `HKEY_LOCAL_MACHINE\SOFTWARE\Kofax\SearchMatchingServer\5.5` still show the original values. (343980)

**Workaround:** Edit the settings manually in the Registry and then restart the service.

## Services User Account Permissions

If you install Kofax Search and Matching Server using a user account that is different to the default account, that other user account must have the "Log on as a service" permissions.

If these permissions are not applied, an error message is displayed during installation stating that the service cannot be started because the user does not have the necessary privileges.

**Workaround:** Assign the necessary permissions to the Service user account.