

Kofax Web Capture Installation Guide

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KOFAX

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Preface

The *Kofax Web Capture Installation Guide* contains information about how to install this product.

Related documentation


In addition to this guide, the Kofax Web Capture documentation set includes the following:

- [API Reference](#): Gives the complete Kofax Web Capture class library in online help format.
- [API Reference \(.chm file\)](#): Gives the complete Kofax Web Capture class library for offline use.
- [Kofax Web Capture Release Notes](#): Contains late-breaking product information not included in this guide.

Getting help with Kofax products

The [Kofax Knowledge Portal](#) repository contains articles that are updated on a regular basis to keep you informed about Kofax products. We encourage you to use the Knowledge Portal to obtain answers to your product questions.

To access the Kofax Knowledge Portal, go to <https://knowledge.kofax.com>.

 The Kofax Knowledge Portal is optimized for use with Google Chrome, Mozilla Firefox, or Microsoft Edge.

The Kofax Knowledge Portal provides:

- Powerful search capabilities to help you quickly locate the information you need.
Type your search terms or phrase into the **Search** box, and then click the search icon.
- Product information, configuration details and documentation, including release news.
To locate articles, go to the Knowledge Portal home page and select the applicable Solution Family for your product, or click the View All Products button.

From the Knowledge Portal home page, you can:

- Access the Kofax Community (for all customers).
On the Resources menu, click the **Community** link.
- Access the Kofax Customer Portal (for eligible customers).
Go to the [Support Portal Information](#) page and click **Log in to the Customer Portal**.
- Access the Kofax Partner Portal (for eligible partners).
Go to the [Support Portal Information](#) page and click **Log in to the Partner Portal**.

- Access Kofax support commitments, lifecycle policies, electronic fulfillment details, and self-service tools.
Go to the [Support Details](#) page and select the appropriate article.

Product documentation

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

Default online documentation

The product documentation for Kofax Web Capture 11.5.0 is available at the following location.

<http://docshield.kofax.com/Portal/Products/KWC/11.5.0-8wax4k031j/KWC.htm>

Configure offline documentation

To access the documentation offline, download the documentation .zip files from the [Kofax Fulfillment Site](#) and extract them on a local drive available to your users.

The compressed English file, KofaxWebCaptureDocumentation_11.5.0_EN.zip, includes a `print` folder that contains all guides.

Chapter 1

Kofax Web Capture

Kofax Web Capture is a suite of .NET assemblies to use in projects to acquire, read, write, display, annotate or process images. Kofax Web Capture assemblies can be used in desktop and ASP.NET projects and the various objects and methods are accessible from any .NET-compliant language including C# and Managed C++.

Kofax Web Capture WebForms controls include innovative AJAX controls for scanning, displaying and manipulating images and documents, all with a minimal or no client-side footprint.

Images used in Kofax Web Capture controls or objects can come from files or databases, as well as from scanners or cameras.

In addition to standard objects, Kofax Web Capture includes .NET controls you can add to WinForms, WPF, and WebForms projects. These controls make it easy to create applications that display or edit images.

Chapter 2

Licensing

In order to use this product, you must have a valid license.

Licensing Kofax Web Capture

To properly use non-evaluation versions of Kofax Web Capture, the product must be licensed at runtime.

If you are using an evaluation version of Kofax Web Capture, then there is nothing extra you need to do. There is no licensing for eval versions.

In order to use the Kofax Licensing Server to validate the SDK/server please do the following:

1. Find or create `SALConfig.xml`.
2. Create a registry entry pointing to `SALConfig.xml`.
3. Find the location of license exe.
4. Add licensing code.

Step 1: Find or create the SALConfig.xml file

The `SALConfig.xml` file is used to indicate the name of the Kofax License Server. It might already exist on a network share. The `SALConfig.xml` file contains which Kofax License server to communicate. If it must be created, use the following as an example:

```
<?xml version="1.0" encoding="utf-8"?>
<licensing>
  <servers>
    <server>KofaxLicenseServerName</server>
  </servers>
</licensing>
```

Step 2: Create a registry entry

This entry will contain a path to a directory where the `SALConfig.xml` file is located.

KEY:

32-bit machine: `HKEY_LOCAL_MACHINE\SOFTWARE\Kofax\SALicClient\`

64-bit machine: `HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Kofax\SALicClient\`

VALUE:

SharedLicenseServerFileUnc STRING

Set the Value data of the SharedLicenseServerFileUnc key to the directory where the SALConfig.xml file is located.

Step 3: Locate the licensing client exe and dlls

The directory path to the licensing client executable will need to be inserted in the code. You will need the following executable and DLLs to be located in the same directory. These files were included with the Kofax Web Capture installation.

- KofaxLicenseClientHelper.exe
- Kofax.Licensing.SharedData.dll
- KSALicCInt.dll
- KSALicSrvInf.dll
- KSALicenseCommon.dll
- ACLicInf.dll

Step 4: Add the code to call the license server

Code needs to be inserted to initiate the call to the Kofax License Server. In .NET you can place the code in the Global.asax Application_Start() method or in a static constructor of the code behind class. The ValidateKofaxWebCaptureLicense() method takes two strings as parameters. The first parameter is the path where the executable that was included with the package is located. The second parameter is the type of license to verify. Values can be "SDK" or "SERVER".

.NET Example:

```
private static string pathToExecutable = @"C:\Path\To\LicenseExecutable";
void Application_Start(object sender, EventArgs e) {
    Atalasoftware.Licensing.AtalaLicenseProvider.ValidateKofaxWebCaptureLicense
(pathToExecutable , "SDK");
}
```

or

```
static
{
    string pathToExecutable = @"C:\Path\To\LicenseExecutable";
    Atalasoftware.Licensing.AtalaLicenseProvider.ValidateKofaxWebCaptureLicense
(pathToExecutable , "SDK");
}
```

Troubleshooting

Error: "The Kofax Licensing client could not be found. Path:..."


Verify the path to the executable used in the code points to a directory with all the files from Step 3.

Error: "[7011] SALicClnt: The License Server cannot be found. Verify the registry key."

Verify the registry key from Step 2 exists and it points to a valid directory that contains the `SALConfig.xml` file.

Error: "[7001] SALicClnt: Unable to connect to license server. The license server may be down or the network may have problems."

Verify the server indicated in the `SALConfig.xml` file exists and has the Kofax License Server installed and running.

 The licensing service will connect to a locally installed Kofax licensing server by default. For Example: if there is invalid information in the `SALConfig.xml` file, the locally installed Kofax licensing server will be used.

Chapter 3

Installing Kofax Web Capture

This chapter includes the information you need to install Kofax Web Capture.

Kofax Web Capture downloads are available from the [Tungsten Automation Fulfillment Site](#).

You must have a supported version of Visual Studio on your system to use the Kofax Web Capture SDK. For more information about supported versions of Visual Studio and other third-party software components used with this product, see the [Kofax Web Capture Technical Reference](#).

Change the amount of shared memory

You can change the amount of shared memory used by WCS-based applications by increasing the appropriate parameter to the desired value. For example, you may need to increase shared memory to save large files using the LocalFile.fromBase64String method. Follow these steps.

1. Create or update the WebCaptureService.conf file in the %PROGRAMDATA%\Kofax\WebCapture folder.
2. Add the following strings to the file

```
[Common]
SharedMemorySize=10      #Size of shared memory in MB
ExtraSharedMemorySize=60 #Size of extra shared memory in MB (default: 30)
                        #Set it to the desired value depending on saved file
                        #sizes.
```

3. Restart the Kofax Web Capture service.

Update Kofax Web Capture

The Kofax Web Capture 11.5 installer will not upgrade existing Kofax Web Capture 11.X installations, because several versions (such as 11.0 through 11.5) can coexist on the same machine.

When we release an update or HotFix to Kofax Web Capture, you are free to use one of the following approaches to distribute the update to your clients.

- Rebuild Kofax Web Capture with an update.
- Install an assembly redirect configuration file.

Rebuilding Kofax Web Capture with an Update

To rebuild Kofax Web Capture with an Update, follow this procedure:

1. Install the updated SDK.
2. Verify that you are referencing the updated assemblies in your project references.
3. Rebuild your project.
4. Distribute the new build of your EXE and the updated Kofax Web Capture assemblies.