

Integration with Signing Tools

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How can I configure Adobe Acrobat DC to get timestamps from ADSS TSA Server?

Follow these instructions to configure ADSS TSA Service URL:

1. Open the **Preferences** dialog box (Ctrl + K)
2. Under Categories, select **Signatures**
3. For Document **Timestamping**, click **More**
4. Select **Time Stamp Servers** on the left
5. Click the **New** button
 - a. Type a user friendly name
 - b. Type the ADSS Server TSA Service URL i.e. <http://machinename:8777/adss/tsa>
 - c. Specify whether the server requires a user name and password
 - d. Click **OK**
6. To make ADSS TSA Server the default Time Stamp Server:
 - a. Select the relevant timestamp server and click the **Set Default** button
 - b. Click **OK** to confirm your selection



Configuring Adobe Acrobat DC to add revocation Information

1. Open the **Preferences** dialog box (Ctrl + K)
2. Under **Categories**, select **Signatures**
3. For **Creation & Appearance**, click **More**
4. Ensure that the checkbox **Include signer's revocation status** is marked enabled

How can I configure Microsoft Word/Excel to get timestamps from ADSS TSA Server?

In order to create a time-stamped signature (XAdES-T signatures) MS Word/Excel or InfoPath, you'll need to:

- Set up the timestamp server
- Configure signature policy registry to let the client systems know where to locate the timestamp server

By default, Office 2010/2013 creates XAdES-EPES signatures. Registry settings are used to specify the level of signatures to be created. There are two registry settings to control the type of signature Office creates XAdESLevel and MinXAdESLevel. The MinXAdESLevel setting allows you to ensure that created signatures meet your required XAdES level. A XAdES-T or higher signature will fail if the timestamp server isn't available. Having a minimum setting allows scenarios where you could attempt a XAdES-T signature, but fall back to XAdES-EPES if the timestamp server is down.

Follow these instructions to configure ADSS TSA Service URL:

1. Launch Microsoft Word/Excel, open a document and create a XAdES signature so that the relevant entries are created in the Windows Registry
2. Open **regedit** and navigate to the folders: **HKEY_CURRENT_USER > SOFTWARE > Microsoft > Office**
3. Select the numbered folder which matches the installed version of Microsoft Office:
 - a. For MS Office 2016 and Office 365 select folder 16.0
 - b. For MS Office 2013 select folder 15.0
 - c. For MS Office 2010 select folder 14.0
4. Navigate to the respective folders and then Common > Signatures e.g. **HKEY_CURRENT_USER\SOFTWARE\Microsoft\Office\16.0\Common\Signatures**
5. Create a new **DWORD** entry and name it **XAdESLevel**. Set it to **2** (to create XAdES-T signature), hence creating a timestamp signature
6. Optionally create another **DWORD** and this time title it **MinXAdESLevel**. Set it to **1** (XAdES-EPES) or the more strict **2**
7. Create a String Value and title it **TSALocation**. Enter the URL of your ADSS timestamp server e.g. <http://machinename:8777/adss/tsa>

How can I configure SignCode to get timestamps from ADSS TSA Server?

Follow the link [SignCode](#) to use ADSS TSA Server to generate timestamped signatures for dlls, exe etc.