Digital Signatures with Bluebeam Revu and CoSign
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Introduction

Revu, from Bluebeam Software, is a popular PDF editing, markup and collaboration application for all industries. More information on Revu.

Revu natively works with CoSign to digitally sign and certify PDF files. It also supports verification of digital signatures.

Supported File Types

Revu can be used to convert many different types of files to the PDF format and then sign them.
Supported file types include:

- Word, PowerPoint
- Drawing formats from AutoCAD and SolidWorks
• 3D PDF files can be created from Universal 3D, Industry Foundation Classes (IFC text) files, and SolidWorks part and assembly (.sldprt and .sldasm) files.
• A variety of image formats

Digitally Signing PDF files with CoSign

The following sections detail the steps needed to digitally sign files from Revu using CoSign.

Configure CoSign Client

First install the CoSign Client software on your Windows PC.


To sign with Revu, an additional configuration setting is needed:

1. From the CoSign configuration utility, select Client Configuration, then expand the Client settings, then select Login dialog
2. Click Set login dialog parameters
3. Uncheck Permit known applications only—it should not be checked
Please see the screenshot:
Signing a PDF file

After launching Bluebeam Revu, open the PDF file you’d like to sign.

Select the document tab -- Document --, this will change the second section of the ribbon and show the Signatures icon:

Click Add Signature Field:

A signature field is added to the document. You can move and re-size the field, shown as a blue box:
Sign the document by either clicking the signature field in the document or by clicking *Sign Document* from the ribbon:

![Sign Document](image)

The Sign dialog will appear and enable you to select from your available Digital IDs:

![Sign Dialog](image)

Recommended: Click *New* in the Appearance section of the dialog to create a *Signature Appearance*. A new dialog will open (below).
Use the Signature Appearance dialog to add your graphic signature to the visible part of the digital signature.
After creating the signature appearance to include the signer’s graphical signature, the signing dialog is completed:

Click OK to digitally sign the document. A Save As dialog will open. You must save the document as a new PDF when you sign it.

Once you have entered a file name and selected Save the document will be signed.
The signed document is now shown in Revu. The check mark shown with the signature indicates that the signature verified properly.
Verifying Signatures

Revu provides several methods to verify the digital signature or signatures in a PDF.

Hover

You can hover the mouse over a signature. Tooltip window will show the signature’s status:

Context menu

Right-click the mouse while it is over a digital signature. Choose Validate Signature from the context menu:
Ribbon

Choose **Validate Signatures** from the ribbon:
Displaying the Signer’s Digital Certificate

To see a signer’s digital certificate, right mouse click the signature and select Properties from the context menu:

The certificate will be displayed:
Resources

Bluebeam Revu User Guide

Bluebeam tutorial on digital signatures