



Topaz Systems, Inc. ClipGemOverlayDemo Guide

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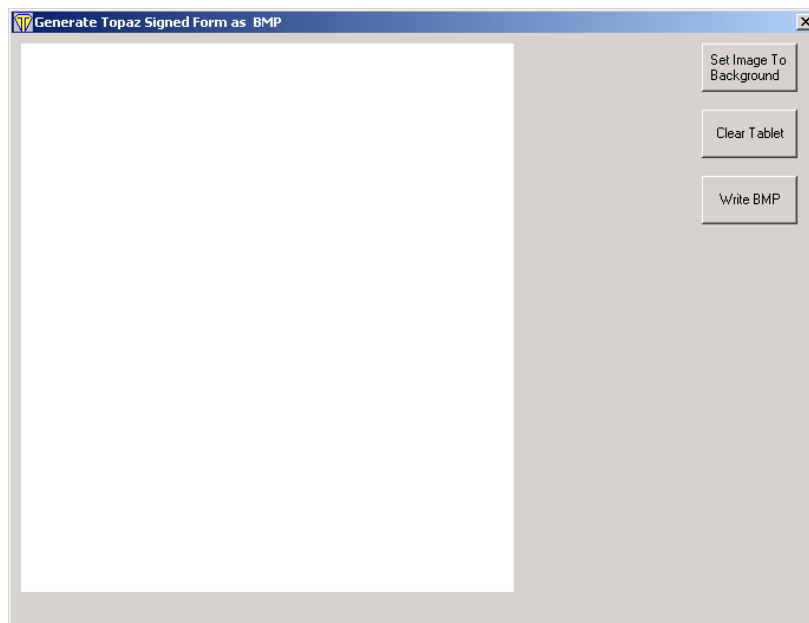
The ClipGemOverlayDemo is useful for the developer trying to save a signed document as an image file. It is meant for documents that are proportional to 8.5x11-sized documents. Make sure that the images you use are of this proportion. The background image must be a BMP, as we don't support the use of any other image file type.



To Download go to:

www.topazsystems.com/software/ClipGemOverlayDemo.zip

Start by opening ClipGemOverlayDemo.exe. The window below will appear.



Click "Set Image to Background" to view the form electronically.

Generate Topaz Signed Form as BMP [X]

Set Image To Background

Clear Tablet

Write BMP

PERSONAL VALUABLES: I hereby release the hospital from any responsibility for valuables, money, personal or other possession which are not deposited with the hospital for safekeeping.

INPATIENT _____ I acknowledge receipt of the letter(s) titled "An Important Message from _____ and/or "An Important Message from _____" during my admission process if I have healthcare benefits through either of those programs. My signature only acknowledge my receipt of these messages from _____ and does not waive any of my rights to request a review or make me liable for any payment.

PATIENT RIGHTS: If I am being admitted as an inpatient, I understand that I will receive information concerning my rights to accept or refuse medical treatment under the right to have an advance directive such as a living will or health care power of attorney. I am not required to have an advanced directive in order to receive medical treatment at _____ out understand it is within my right to have one. If I am registered as an outpatient, general information about patient rights has been made available to me.

_____(Seal) _____(Seal) _____ Date _____ Date
Signature of Patient Guarantor (if other than patient)

The patient is a minor of _____ years of age or is unable to sign because: _____

_____(Seal) _____ Date _____ Relationship
Responsible party

_____(Seal) _____ Date
Witness

TELEPHONE PERMISSION FOR ABOVE TREATMENT:

_____(Seal) _____ Date _____ Time
Person making call

_____(Seal) _____ Date _____ Time _____ Relationship to Patient
Person called

Permission granted: YES / NO Remarks: _____

_____(Seal) _____
Witness/Title

Proceed to fill out the form.

PERSONAL VALUABLES: I hereby release the hospital from any responsibility for valuables, money, personal or other possession which are not deposited with the hospital for safekeeping.

INPATIENT _____ I acknowledge receipt of the letter(s) titled "An Important Message from _____ and/or "An Important Message from _____" during my admission process if I have healthcare benefits through either of those programs. My signature only acknowledge my receipt of these messages from _____ and does not waive any of my rights to request a review or make me liable for any payment.

PATIENT RIGHTS: If I am being admitted as an inpatient, I understand that I will receive information concerning my rights to accept or refuse medical treatment under the right to have an advance directive such as a living will or health care power of attorney. I am not required to have an advanced directive in order to receive medical treatment at _____ out understand it is within my right to have one. If I am registered as an outpatient, general information about patient rights has been made available to me.

EA Smith (Seal) 9/22 _____ (Seal) / _____
Signature of Patient Date Guarantor (if other than patient) Date

The patient is a minor of / years of age or is unable to sign because: N/A

N/A (Seal) / _____
Responsible party Date Relationship

/ _____
Witness Date

TELEPHONE PERMISSION FOR ABOVE TREATMENT:

EA Smith 9/22 10:00AM
Person making call Date Time

Smith 9/22 10:00AM Brother
Person called Date Time Relationship to Patient

Permission granted: YES / NO Remarks: None

Dr Jones
Witness/Title

When you are finished, click "Write BMP" to save the marriage of the pen data and the form as one image.

THE CODE

PLEASE NOTE:

You must copy the healthform.bmp and the healthform2.bmp to your root C:

There are also a few key elements to follow to ensure that the pen data lines up in a ClipGem app where you are overlaying pen ink on a BMP background:

1. The image(s) you use are proportional to 8.5 X 11. The sizes of the images in the demo are 569 x 736 and then also 1138 x 1472. These px sizes are directly proportional to 8.5 x 11. Any other proportion will result in non-aligned results.
2. The SigPlus objects you use are also set to the px widths/heights of your images. Make sure to set the form up for a scale mode of "pixel" (in VB6). Then the height/width of SigPlus can be set to the image's px height/width. Note also that the ImageXSize and ImageYSize used at the end of the demo (this is the final size of the image) matches these values, too.
3. For easy printing, I suggest you create a Word document containing the bmp used as the background for SigPlus...simply import the BMP you are using as the background by going to Import...Picture...From File in Word. Once added, format the Picture (under Layout...Advanced) so that the 'Lock Anchor' is not checked. Next, remove the margins in Word by dragging the horizontal and vertical margins (in the rulers on the left side and top) back to 0, 0. Finally, stretch the image to fit precisely the entire 8.5 x 11 area of the "page" in Word. When you print, be sure that you print the page with no borders, at true size (pixel for pixel). Word should automatically print correctly when you create the Word doc as I describe above. If a border is added during printing, the pen marks will not align with the image in SigPlus.

Why are there two images? The final image at the larger size should look good, quality-wise. However, because SigPlus must display the image at its true size, a larger size image will not fit in the SigPlus object on the screen...it's typically much too large. Use the smaller image as the display on your form in SigPlus1, and the larger image stays hidden in the SigPlus2 object, to write out your nicer, higher quality final image.

Command1_Click() is the code behind the “Set Image to the Background” button. The tablet is turned on, and the smaller bitmap “healthform.bmp” is displayed as a background object. Please note that the width and height of the image in pixels must match the width and height of the SigPlus object. SigPlus can only display at true image size.

```
Private Sub Command1_Click()  
'Set Image To Background' Button  
SigPlus1.TabletState = 1  
SigPlus1.DisplayWindowRes = True 'set up for VB imaging  
  
'set same size as the image's px width/height  
SigPlus1.Width = 569  
SigPlus1.Height = 736  
  
'set image background  
SigPlus1.SetBackground "c:\healthform.bmp", 0  
End Sub
```

Command2_Click() is the code behind the “Clear Tablet” button. Quite simply, this sub clears the pen data.

```
Private Sub Command2_Click()  
'Clear Tablet' Button  
SigPlus1.ClearTablet  
End Sub
```

Command3_Click() is the code behind the “Write BMP” button and is used to save an image which contains both the form data and pen data. The larger “healthform2.bmp” will be used instead of the smaller “healthform.bmp” as the background. “Healthform.bmp” was used initially so the entire document could be viewed at once while filling out the form. The larger “healthform2.bmp” is the final product, and the pen data is automatically reformatted to fit the larger form. This is then saved as “healthformsigned.bmp” which will have a higher resolution.

```
Private Sub Command3_Click()  
'Write BMP' button  
SigPlus1.TabletState = 0  
SigPlus2.TabletState = 1  
SigPlus2.DisplayWindowRes = True  
  
'uses a larger BMP size so the resolution of the final image is better  
SigPlus2.SetBackground "c:\healthform2.bmp", 0  
SigPlus2.Width = 1138  
SigPlus2.Height = 1472  
  
SigPlus2.ImageXSize = 1138  
SigPlus2.ImageYSize = 1472
```

```
SigPlus2.ImagePenWidth = 8
```

```
SigPlus2.SigString = SigPlus1.SigString
```

```
'set signature from SigPlus1 to SigPlus2
```

```
SigPlus2.WriteImageFile "C:\healthformsigned.bmp"
```

```
MsgBox "BMP saved to C:\healthformsigned.bmp", okOnly + vbInformation, "Save  
Results"
```

```
End Sub
```

For more information regarding products and support

Email: support@topazsystems.com

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