How-To Guide

ClipGem Overlay Demo

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Overview

The ClipGem Overlay Demo is useful for the developer trying to save a signed document as an image file. It is meant for documents that are proportional to 8.5 x 11-sized documents. Make sure that the images you use are of this proportion. The background image must be a BMP.

Download at:
www.topazsystems.com/software/ClipGemOverlayDemo.zip

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

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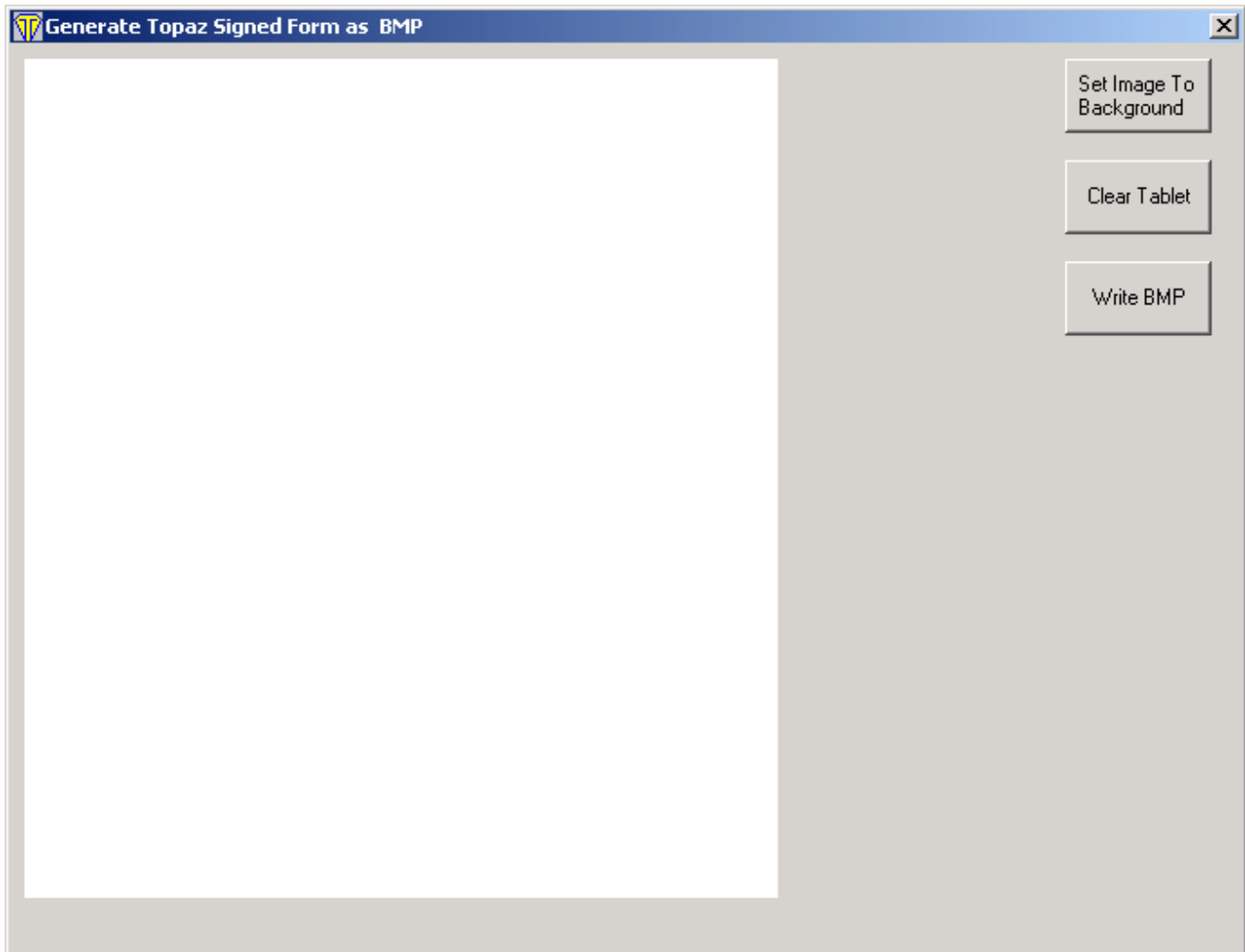
Click "Set Image to Background" to view the form electronically.

Generate Topaz Signed Form as BMP

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 th 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) _____
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:_____

_____ (Seal)   _____   _____
Responsible party   Date   Relationship

_____   _____
Witness   Date

TELEPHONE PERMISSION FOR ABOVE TREATMENT:

_____   _____   _____
Person making call   Date   Time

_____   _____   _____   _____
Person called   Date   Time   Relationship to Patient

Permission granted: YES / NO   Remarks: _____

_____
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.

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EA Smith (Seal) _9/22_ _N/A_ (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_ _10:00 AM_
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, create a Word document containing the bmp used as the background for SigPlus. 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. 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
```