



CASE STUDIES

Aspose.PDF for .NET - Case Study

Word&Brown.

Word & Brown

Using Aspose.PDF to generate PPT

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About Word & Brown

Word & Brown and its sister companies have been recognized leaders in the health insurance and employee benefits industry. We established the largest multi-carrier, small group private health insurance exchange nearly 20 years ago.

Problem

You came to Aspose for a reason: what problems did you need to solve?

Our core Quoting application, the PowerPoint output contains images of PDF file generated through 3rd party software and then embedded those images into PPT slides (one sheet per slide). So, those images are not editable and hence PPT content is not editable.

Research - For our current output, we are using .cshtml files (Razor engine) for the design and we use 3rd party software to create PDF files. So we started to look for something similar that could convert .cshtml files to PPT but could not find any tool.

How important was it to solve these problems?

It has been one of our top priorities to have an Editable PowerPoint output and after much research and analysis, we found Aspose.PDF which lets us implement the functionality with minimal effort and design change

What were your objectives?

To allow our users to have an Editable Powerpoint.

How many users were involved, how many customers affected?

About 500 brokers which in turn impact thousands of prospective customers who get quoted from our application

Solution

Why did you choose an Aspose product?

- It offered a simple way for to create a powerpoint with minimal effort and design change.
- Aspose is 20 year old company. More information: [See here](#)
- Aspose.PDF is a .NET component built to allow developers to create PDF documents, whether simple or complex, on the fly programmatically. Aspose.PDF for .NET allows developers to insert tables, graphs, images, hyperlinks, custom fonts - and more - into PDF documents. Moreover, it is also possible to compress PDF documents. Aspose.PDF for .NET provides excellent security features to develop secure PDF documents. And the most distinct feature of Aspose.PDF for .NET is that it supports the creation of PDF documents through both an API and from XML templates.
- The Architect & Software manager of the teams both have heard/used products from this company.

How did you implement it?

We can use our current cshtml files, create a PDF and convert it to PPT.

What are the inputs and outputs?

Input is a PDF file and Output is a Powerpoint file

What does the user see?

Editable powerpoint output.

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		DUALOPTION 01/01/2021 MESVision	DUALOPTION 01/01/2021 MESVision
		blue of california	blue of california
		BasicVision \$10/\$25/\$120	Preferred Vision \$10/\$25/\$120
Tier	Name	Monthly Rates	Monthly Rates
EE	EE(1)	\$6.60	\$7.10
FA	EE(2)	\$16.30	\$17.50
Employee Only		\$6.60	\$7.10
Dependent Only		\$9.70	\$10.40
EE	EE(3)	\$6.60	\$7.10
EE	EE(4)	\$6.60	\$7.10
Sub-Total		\$36.10	\$38.80
No COBRA Participants			

Figure 1: using evaluation product and the output with ability to change the content

Installation

Install the [Aspose.Pdf](#) through [NuGet](#) package or through Package Manager Console as:

```
PM> Install-Package Aspose.PDF
```

Aspose PDF to PPTX Conversion

To convert PDF file to PPTX, just input the PDF file or PDF stream to [Aspose](#) class. See sample code below as:

Sample C# Code:

```
string pdfPath = AppDomain.CurrentDomain.BaseDirectory +
"PowerPoint/SamplePPTView/SamplePDF/RESEARCH Editable PPT Portrait.pdf";

// Load PDF document

Aspose.Pdf.Document doc = new Aspose.Pdf.Document(pdfPath);

// Instantiate PptxSaveOptions instance

Aspose.Pdf.PptxSaveOptions pptx_save = new Aspose.Pdf.PptxSaveOptions();

pptx_save.SeparateImages = true;

// Save the output in PPTX format

string pptPath = AppDomain.CurrentDomain.BaseDirectory +
$"PowerPoint/SamplePPTView/GeneratedPPT/Aspose_output_portarit_{DateTime.Now.ToFileTime()}
}.pptx";

doc.Save(pptPath, pptx_save);
```

Figure 2: Minor changes to achieve the objectives of editable powerpoint

Experience

Advantages of using - Aspose.Pdf:

- a) Can use existing design source files
- b) Few lines of code to create PPT using our existing design files and process
- c) One source for design files

How did you find Aspose?

On Google

Did you use a free trial to qualify our product against others?

Yes

Did you use support?

Yes, the support website

References

<https://github.com/aspose-pdf/Aspose.PDF-for-.NET>

<https://docs.aspose.com/pdf/net/>

<https://docs.aspose.com/pdf/net/convert-pdf-to-powerpoint/>

Implementation:

How long did the implementation of the solution take?

A Day

What were the challenges?

Did you use Aspose support and did you get the help you needed?

How did other team members take to the Aspose product?

Outcome:

What was the outcome of your implementation?

Did you meet your objectives?

Yes

How did the implementation affect the work in the team, department or company?

Next Steps

Do you plan to take your solution further or to implement other Aspose products?

Not yet

What is your next focus, now that the initial problem has been solved?

Probably to go with just one 3rd party product

Summary

What was your overall experience of working with Aspose and Aspose's products?

Excellent

How well did the product you chose meet your objectives?

It solved our problem with minimum effort

Would you recommend Aspose?

Definitely