

# CASE STUDIES

## Aspose.PDF for .NET - Case Study

**Word&Brown.**

Word & Brown

Using Aspose.PDF to generate PPT

Gaurav Gombar, Sr. Manager – Software Development, 04/22/2021  
Ghanshyam Shukla, Software Engineer

## 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 3<sup>rd</sup> 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 3<sup>rd</sup> 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.

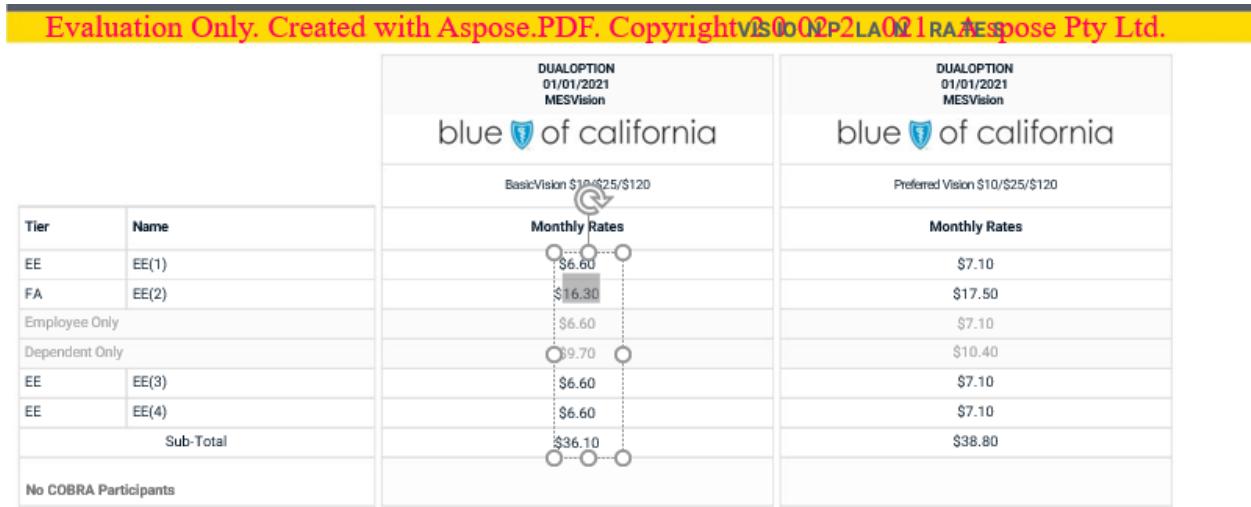


Figure 1: using evaluation product and the output with ability to change the content

### 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_portrait_{DateTime.NowToFileTime()}.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 3<sup>rd</sup> 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