

CASE STUDIES

ASPOSE.Total <OEM> Case Study



Concentra Consulting Ltd.

Using ASPOSE.Total to generate multi Branded Batched Invoices

Graham Kennedy, Senior Project Manager, 15/04/2015

About Concentra

Concentra Consulting is a business consulting and technology services company headquartered in London, UK. The company combines its core skills in consulting, analytics and technology to provide custom solutions including analytical models, business intelligence and operational systems through web-based products and bespoke software development. Within the Custom Development Services team we design, develop, and host bespoke client solutions for the B2B and B2C markets.

Problem

We needed to find another way to produce the batch and online word merged invoices for our client. The previous tools used were no longer supported, and the restrictive licencing meant their offering would not scale. The clients business had grown considerably and it was essential we find an integrated solution that could scale in line with projected volumes. It was essential our developers work with an established provider, to ensure on-going technology updates and technical support.

We had to leverage the ability for our Clients Administrators to continue to maintain branded Word templates, and using ASPOSE.Total, generate invoices in PDF to be routed through Printers, Print Factories, as email attachments, or electronic interfaces to Insurers.

Solution

When developing the solution with the trial version of ASPOSE.Total, we quickly found it intuitive to work with and were able to implement the merging, word and PDF output quickly. It was important to keep costs down for our client.

To process the Microsoft Word template with merge fields extracted from the database, we have written a wrapper class as part of our solution library module. This library module uses 'Aspose DLL', and invokes methods to handle a document (Open, Merge fields, Print, Save as PDF and Close). In addition, we have two console applications for batch processing, referring to the "solution library module", our business logic invokes these console applications and prints or saves the mail merged documents. The end user will receive a printed invoice or PDF attached to an email.

REFERENCE	PRINT ITEM DESCRIPTION	PAYMENT COMPANY	PRINT ITEM CREATED DATE
			TO
PRINT ITEM CREATED BY	PRACTICE	PROVIDER	TYPE
Any creator	Any practice	Mr Test Consultant A ✖	Any type
		STATUS	Search
		Any status	

Description	Printed Date	Created Date	Created By	Status
All		13/05/2015	Mr Admin User	Pending

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Figure 1: Preparation of the Batch Printing, and emailing run

Mr Test Consultant A

MR TESTER1 TESTER1
 OAKLANDS
 TN30 6TY

Invoice Date: 18/05/2015
 Invoice Number: TP1/68/1
 Claim/Group Ref:
 Membership No:
 Pre Auth:
 VAT Registration: 5678901

For Professional Services

Date	Description/Procedure	Fee
01/05/2015	Allergy Profile 10 (Insects)	£200.00
01/05/2015	Allergy Profile 11 (Combined Shellfish/Finfish)	£300.00
01/05/2015	Haemophilus Influenzae B Antibodies	£50.00
01/05/2015	Skin Scrapings/Mycology	£45.00
01/05/2015	Selenium level	£80.00
01/05/2015	Sodium level	£45.00
01/05/2015	Cryptosporidium	£85.00
01/05/2015	Potassium level	£25.00
01/05/2015	Red blood cell (RBC) survival test	£75.00
01/05/2015	Cortisol	£50.00
VAT		£0.00
Invoice Total		£955.00
Outstanding		£955.00

Figure 2: Sample unbranded PDF output Invoice

Experience

The Custom Development team investigated a number other products, including a custom developed option using Office Open XML but quickly discounted this as it was more cost effective to buy rather than build our own solution. We also used trial versions of the candidate offerings to implement a key feature of the solution, and concluded from ease of use, and shorted delivery turnaround ASPOSE.Total was the preferred candidate. The structure of the ASPOSE.Total OEM licence means we can provide solutions for our other clients without additional licence fees. The documentation and easy examples was a great help during implementation, and was a key factor in reducing the implementation to three weeks.

We achieved our objectives of a cost effective solution deployment and achieved the clients' requirement of both online and batch invoice processing, that is robust and can scale as their business grows.

Next Steps

We plan to offer similar options to our other clients, using the capabilities offered by ASPOSE.Total, including pre-packaged template PowerPoint outputs that merge Excel data to provide presentation decks to their own data analysts.

Summary

We chose ASPOSE.Total, because the product offered us all the tools to achieve our immediate objectives: speed of turnaround; hence lower cost to implement the solution, with ability of the implementation to scale as our client's business grows. We believe our future client implementations will allow us to use ASPOSE.Total capabilities for PowerPoint and Excel.