

# CASE STUDIES

## ASPOSE.Total <OEM> Case Study



Concentra Consulting Ltd.

Using ASPOSE.Total to generate multi Branded Batched Invoices

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## 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 |            |
| PRINT ITEM CREATED BY | PRACTICE               | PROVIDER               | TYPE                    | STATUS     |
| Any_creator           | Any_practice           | Mr Test Consultant A ✖ | Any type                | Any status |
| <b>Search</b>         |                        |                        |                         |            |

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

1 | Displaying items 1 to 1 of 1 | Items per page 20

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          |
| <b>Invoice Total</b> |                                                 | <b>£955.00</b> |
| <b>Outstanding</b>   |                                                 | <b>£955.00</b> |

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.