



## PDF Composer



### The Summary

The primary requirement of the client was to create a component which can generate a PDF file. AGT developed PDF composer using a .NET assembly which lie on a server and the reporting engine and talk with the composer to generate the PDF file.

### The Client

Our client is a leading accounting and tax consulting organization of the country. The organization has a huge clientele which includes a number of Fortune 500 companies for whom they provide effective tax and technology solutions.

### The Business Requirement

The client needs to create numerous reports on a frequent basis. The primary requirement was the creation of a component which can generate a PDF file and accommodates files up to 1000 pages. Support to any installed font on user's machine and tables up to of 16000 rows by 2500 columns should be available.

### The Solution

A PDF composer was developed using a .NET assembly which will lie on a server and the reporting engine will talk with the composer to generate the PDF file. The solution design supports the PDF composer for huge data documents with tables up to of 16000 rows by 2500 columns. It was implemented in such a way that the empty object gets created and the state was stored in a byte array as opposed to using primitive data types.

### The Solution Benefit

- The PDF Composer component can be plugged into any .NET application with minimal changes in the source code.
- Generating documents on the fly is done seamlessly.
- High volume data can be handled with optimal use of memory.
- The PDF reports can be generated from multiple sources like word documents, text files, CSV formats, etc.

### Project Summary

**Industry:** Consultancy and Services.

**Client Profile:** Client is a leading accounting and tax consulting organization

**The Business Requirements:** Client required component which can generate a PDF file.

**Solution:** PDF composer was developed and accommodates files up to 1000 pages

### Solution Benefits

- Reports are generated from various sources
- Component can be plugged into any .NET application