

## Client

Pioneer in Patent industry, provide solutions to Fortune 500 companies

## Client Requirement

To develop an application that allows to import patent data information from excel sheets directly into the system to perform data analytics and display the outcome using attractive charts

## Challenges

- ▶ To create graphical representation of bulk data and to create the data-base tables at run time depending upon the volume of incoming data through excel sheets
- ▶ Data analysis was very tedious and time taking as data has to be queried directly from the SQL tables which was not possible for any non-technical person

## IDS Solution

- ▶ Developed a dynamic and intuitive web application that allows the user to easily import patent data from excel sheets directly into the system
- ▶ Application imports the data in **Taxonomy and Bibliographic** formats as per industry standards
- ▶ Allows user to perform **data analysis** on imported data
- ▶ **Attractive dashboard** shows patent data in the form of various 2D and 3D Pie, Bar, Doughnut Fusion Charts
- ▶ Implemented an advanced search criterion which allows user to search and save data by using various filters for future references



**Technology:** ASP.NET, C#, MS SQL Server 2008, Lucene.NET and Fusion Charts

## Salient Features of the Application

- ✓ Data analysis
- ✓ Search implementation using Lucene.Net engine library
- ✓ 3rd party Fusion 2D & 3D charts integration
- ✓ Multiple user level access
- ✓ Import/Export process

## Business Results

- ▶ Tool allows the client to serve their end clients with higher efficiency and accuracy
- ▶ The automation of the import process removed the dependency from the technical team and increased the usage of the system independently, which results in increased bandwidth of technical team to reduce the overall cost

## Client Feedback

“IDS software team did tremendous job and made our life very easy in terms of analyzing the complex and large volumes of data. Dashboard/Reporting modules are very interactive to compare the market trends in easy way.

-Business Unit Head