



## **Spectrasoft Technologies, Inc.**

Staffing • Application Development • Training

# AJAX Practice

AJAX (Asynchronous JavaScript and XML), is a group of inter-related web development techniques used for creating interactive web applications. A primary characteristic is the increased responsiveness and interactiveness of web pages achieved by exchanging small amounts of data with the server "behind the scenes" so that the entire web page does not have to be reloaded each time the user performs an action. This is intended to increase the web page's interactivity, speed, functionality, and usability

AJAX is a cross-platform technique usable on many different operating systems, computer architectures, and web browsers as it is based on open standards such as JavaScript and the DOM. There are free and open source implementations of suitable frameworks and libraries.

**Real-time form data validation:** Form data such as user IDs, serial numbers, postal codes, or even special coupon codes that require server-side validation can be validated in a form before the user submits a form.

**Autocompletion:** A specific portion of form data such as an email address, name, or city name may be autocompleted as the user types.

**Load on demand:** Based on a client event, an HTML page can fetch more data in the background, allowing the browser to load pages more quickly.

**Sophisticated user interface controls and effects:** Controls such as trees, menus, data tables, rich text editors, calendars, and progress bars allow for better user interaction and interaction with HTML pages, generally without requiring the user to reload the page.

**Refreshing data and server push:** HTML pages may poll data from a server for up-to-date data such as scores, stock quotes, weather, or application-specific data. A client may use Ajax techniques to get a set of current data without reloading a full page. Polling is not the most efficient means of ensuring that data on a page is the most current. Emerging techniques such as Comet are being developed to provide true server-side push over HTTP by keeping a persistent connection between the client and server.

**Partial submit:** An HTML page can submit form data as needed without requiring a full page refresh.

**Mashups:** An HTML page can obtain data using a server-side proxy or by including an external script to mix external data with your application's or your service's data. For example, you can mix content or data from a third-party application such as Google Maps with your own application.

**Page as an application:** Ajax techniques can be made to create single-page marshaled applications that look and feel much like a desktop application.

## Spectrasoft's AJAX Practice

Spectrasoft's has immense capability and experience of delivering AJAX solutions. Our vast experience in the following applications have proven us to be the number one choice of our Clients in their Technology Implementations

- Ecommerce Applications
- Web based portals
- Dynamic Handling of Database validation

## Spectrasoft's Value Propositions

- Core Practice of the Organization since the organization's inception
- 40% of work force specializes in Atg related Products
- In house Atg Training facility for regular knowledge up gradation
- 20 % or more competitively priced compared to Market
- 80 Man Hours of Free service
- 30 days of risk free service with Satisfaction Guarantee

## Spectrasoft's Customer Base

Some of our very satisfied Atg clients Include:

atg<sup>®</sup>  
get serious about e-commerce



PERRY ELLIS<sup>®</sup>

BLUEFLY the ultimate hook-up for the fashion obsessed

CABLEVISION

DSW



Kodak



MassMutual  
FINANCIAL GROUP<sup>®</sup>



## Client Testimonials:

I can confidently recommend Spectrasoft Technologies, Inc as a solid and reliable supplier of IT Professionals, and experts in their field.

**President, Team 5**

I confirm that Spectrasoft have provided our Organization with excellent support in the areas of Software Development / Staffing. Their work has been a major factor in our Organization's success.

**Vice President, Clarity Resource Group**

Gopi and his firm, Spectrasoft is a dream to work with. His team is superlative and exceeds expectations

**Chairman, CGS Infoworx**