Simon C. Wong's Portfolio

Thomson Reuters

As Senior Interaction Designer, one of the most challenging tasks was to design mobile user interfaces based on their existing on-line/desktop product given the limited design capability in the mobile environment.

Technologies used: Designed treatments using Adobe Photoshop.

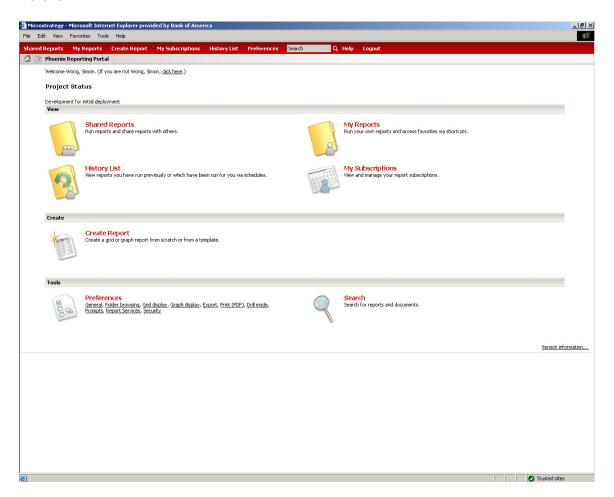


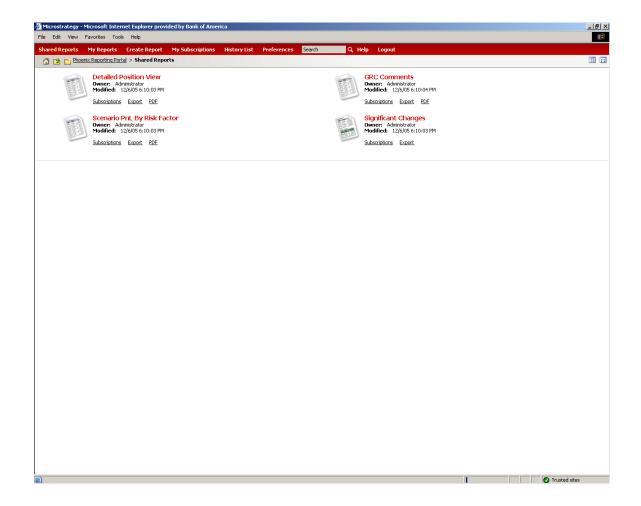
Bank of America

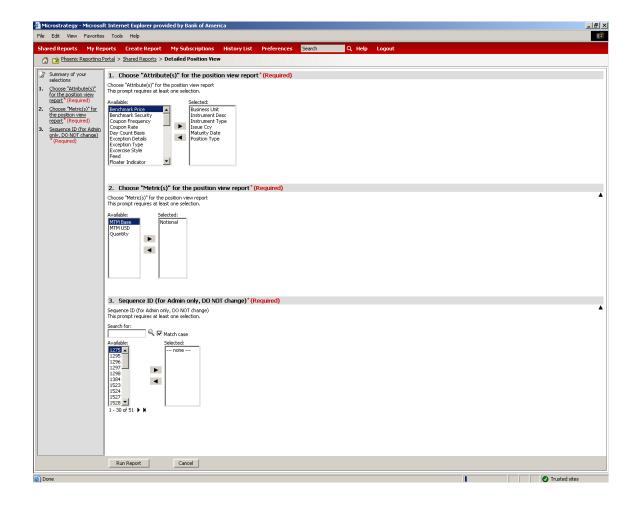
MicroStrategy Web Universal is a powerful on-line reporting tool. I customized this third-party application to adhere to company design guidelines and improve usability of the application primarily by reducing the number of page reloads required to accomplish a particular task. This was accomplished by consolidating key page functionalities onto one page.

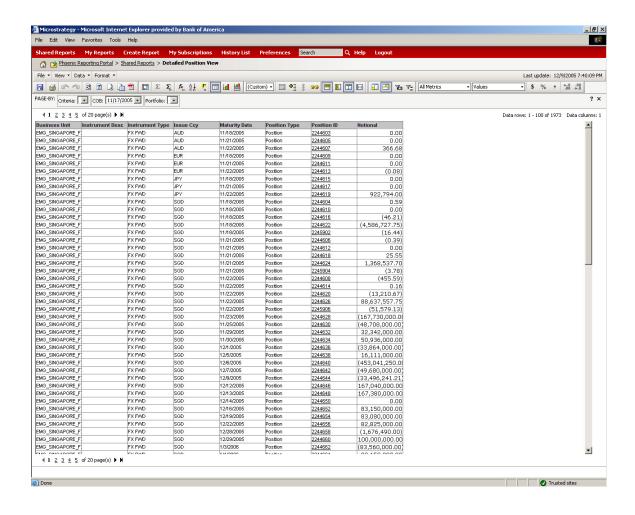
Technologies used: MicroStrategy Web Universal, HTML, CSS, JavaScript, Java. Weblogic Application Server. Wireframes created in Visio. Created and enhanced images using Adobe Photoshop.

Before:



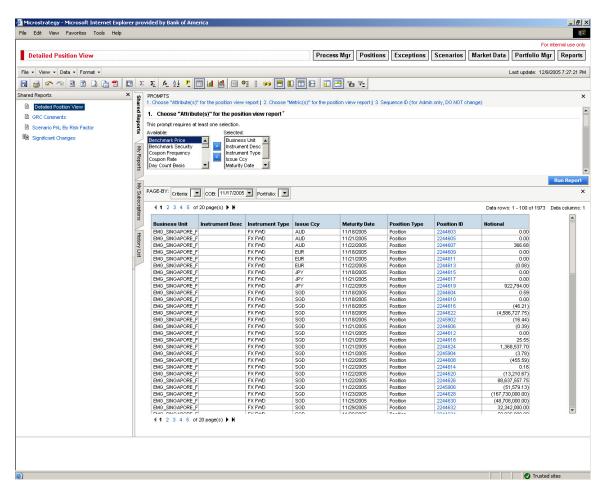






After:

As a result, all the above page functionalities are consolidated onto one single page and are easily identifiable and accessible. Having everything in one page along with the implementation of the AJAX components virtually eliminates all page reloading.

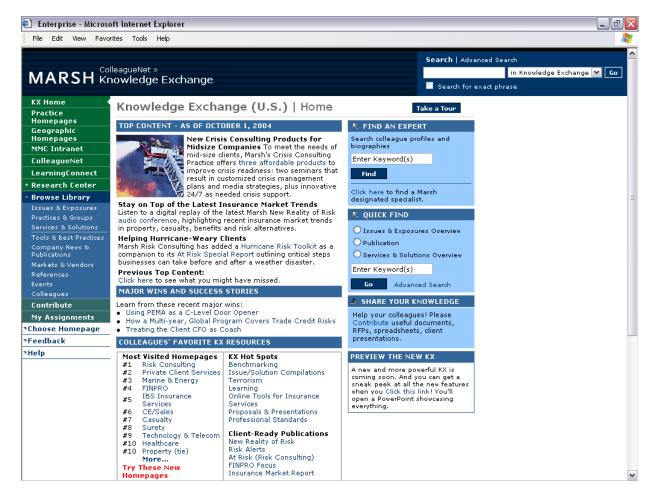


Marsh Inc.

Knowledge Exchange is the central repository where Marsh employees find and exchange information in many different areas of risk and insurance. For this site, I consolidated all search widgets into one central search tool and reorganized the left navigation for better usability.

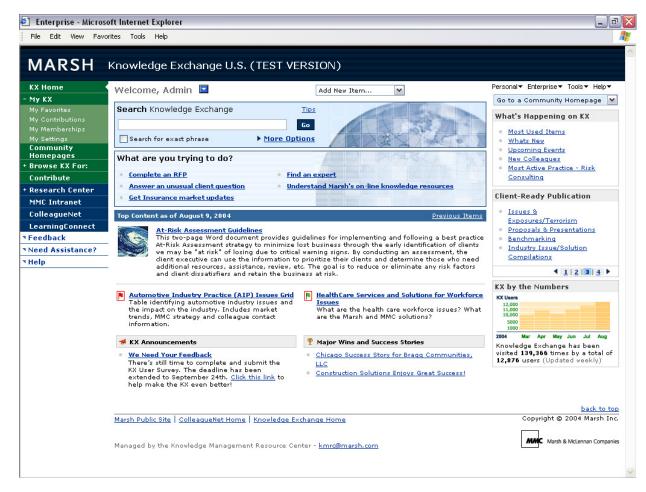
Technologies used: HTML, CSS, JavaScript, and OScript using Open Text's Livelink Enterprise Server. Wireframes created in Visio. Created and enhanced images using Adobe Photoshop.

Before:



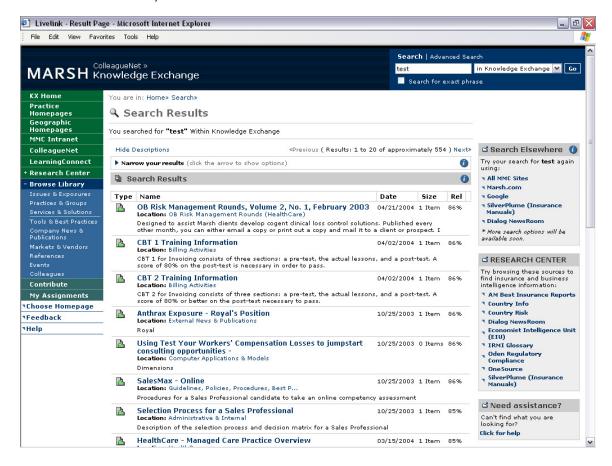
After:

The aftermath is there is only one search tool with the option for more advanced search capabilities. The left navigation was organized so that all menu items in green are pertinent to this site, all blue are related to resources external to the site, and all white for auxiliary help tools.



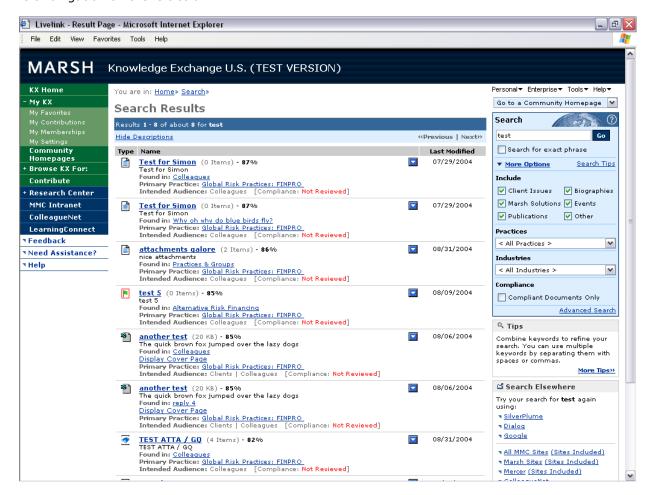
Before:

For the results section, there was too much clutter.



After:

After redesign, the results section contains only 3 columns, having the most important data placed in these columns, while the rest of the data under the main column. The same search tool from home page (miniaturized) was implemented on right column and the restructured left navigation on the left column.

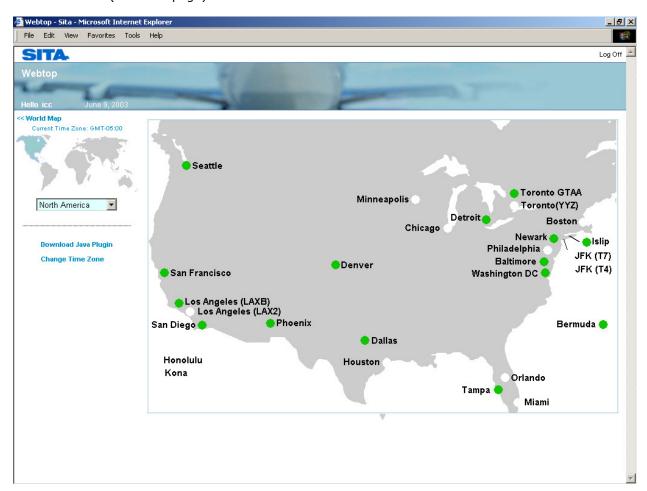


Sita Airport Services

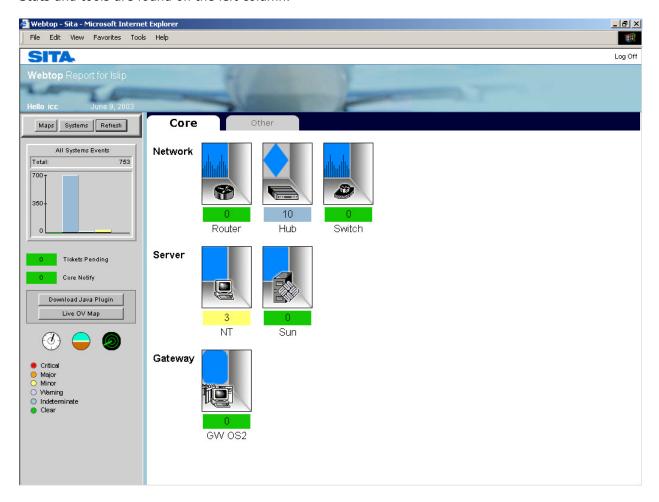
At Sita, I designed, coded, and tested the operations group's centerpiece web-based application that enables its personnel to troubleshoot and monitor the status of hardware components belonging to over 90% of the world's airports and other facilities around the world.

Technologies used: HTML, CSS, JavaScript, and Java Applets using Micromuse's Webtop Application Server. Created and enhanced images using Adobe Photoshop.

This is one of the main screens of the application. From this screen, a user can choose any geographical region in the world. Each dot represents a client's location. A green dot represents no critical issues with the hardware. A red dot indicates a critical issue. Clicking on the dot will drill down to a more detailed view with all the hardware components belonging to that location (See next page).



components are listed under one tab. All other auxiliary components are on another tab. Stats and tools are found on the left column.



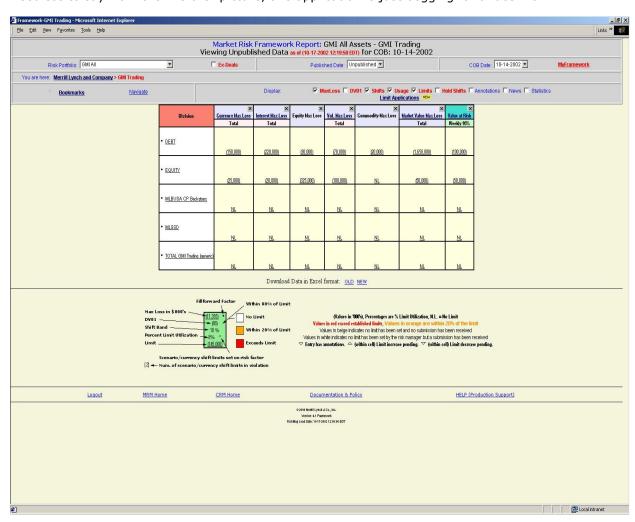
Merrill Lynch

At the Risk Management department of Merrill Lynch, I designed, prototyped, and integrated all risk applications, created a central repository for early design prototypes allowing senior management and users to discover and interact with early working designs, and redesigned the department's web site.

Technologies used: Java Server Pages, Java Servlets, Java Beans, JDBC, DHTML, CSS, JavaScript, ServletExec, Apache Web Server, and Sybase Database. Created and enhanced graphics using Adobe Illustrator and Photoshop.

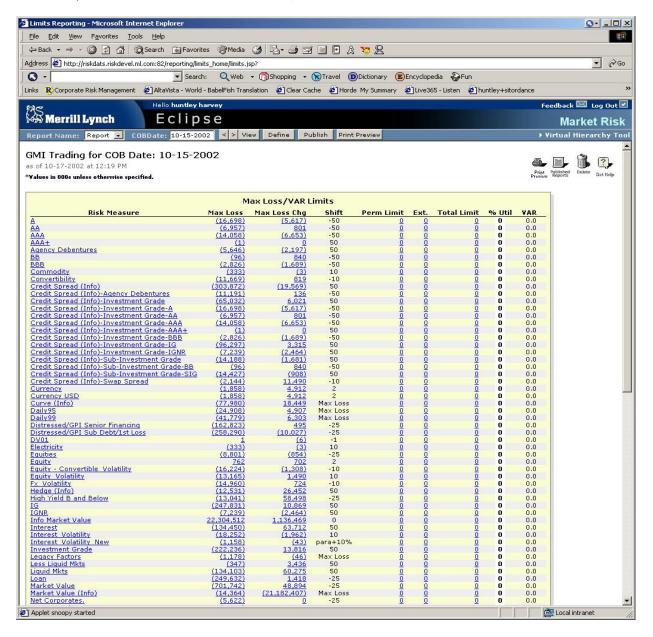
Before:

One of the key projects I was put in charge of was the redesign of the central risk application, Framework. Needless to say from the "Before" picture, this application is just begging for a face-lift.



After:

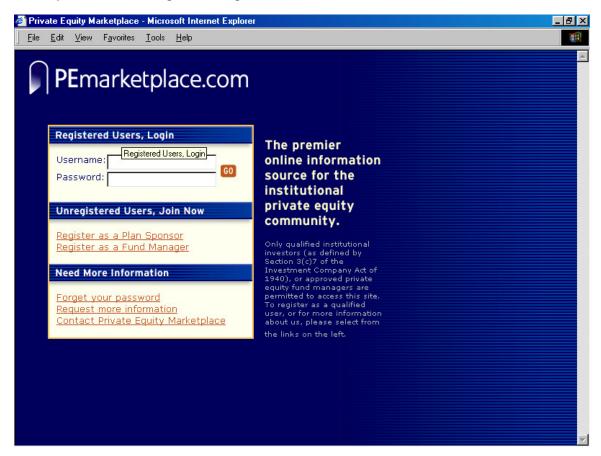
The result is not only a better and more stunning visual design, but one which greatly improves usability by allowing the user greater freedom in viewing, customizing, and saving reports pertinent to his business unit. The new application also allows a way to exchange and receive reports via a built-in email, scheduler, and address book feature.

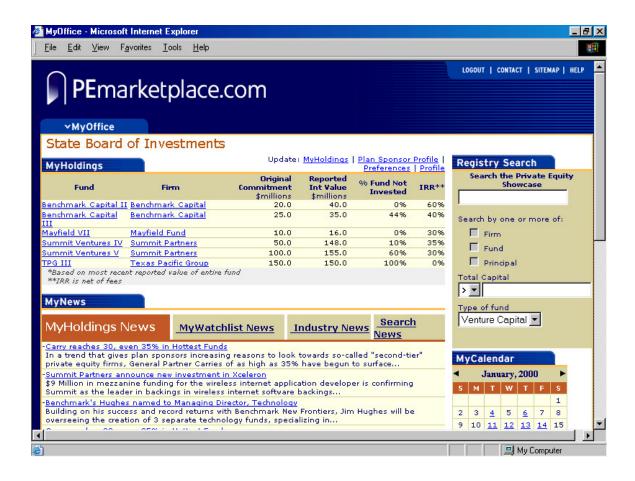


2Bridge

At 2Bridge, I designed, prototyped, and implemented a financial research application for one of their top clients. This application is much like Yahoo! Finance where the user can find information on stocks and other financial data and can also customize it based on his personal settings.

Technologies used: Weblogic EJBs, Servlets, JSPs, JDBC, HTML, JavaScript, and Oracle stored procedures running on Weblogic Web Server.

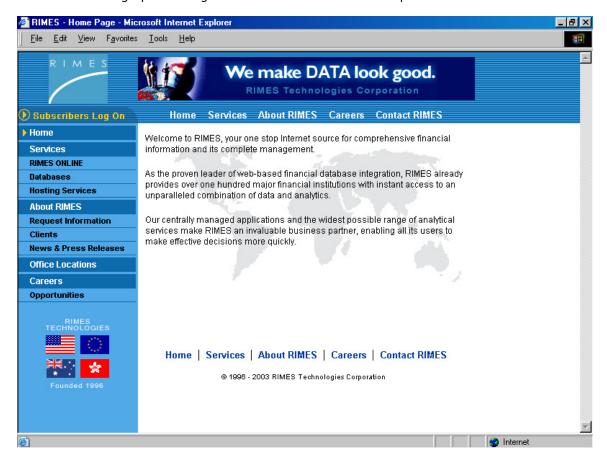




Rimes

As one of the leading providers of financial software and data, the Rimes official web site needed a simple, yet sophisticated, and professional feel. Since there is a great deal of content to start with, it is important to keep it simple so as not to intimidate the user, but still maintain a corporate feel.

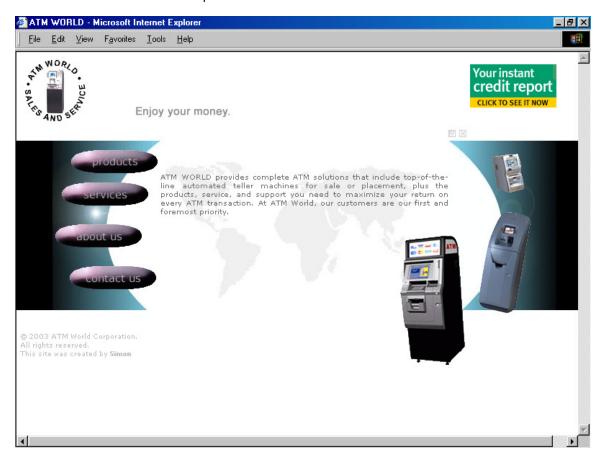
Technologies used: Active Server Pages, JavaScript, VBScript, HTML, and Microsoft IIS Web Server. Created graphics using Adobe Illustrator and Photoshop.



ATM World

At ATM World, I designed a professional web site for them so they can remain competitive with other ATM distributors. An on-line listing of their products offers a convenient way for their customers to stay informed.

Technologies used: DHTML, JavaScript, and CSS. Created and enhanced graphics using Adobe Illustrator and Photoshop.



Atlas ATM is a sister site to ATM World of which I also designed.

