



Where knowledge meets passion

“Our partnership with Dow Jones brought about a robust solution to a complex problem, all in a short period of time. By combining industry-leading developers and innovative technology, we helped our client launch FINRA to the next generation of investment environments.”

*Farhan Muhammad, President and Chief Architect
ILM*

BOND TRADING PORTAL

Utilizing the latest technology to meet mission-critical needs

CHALLENGE

The website for the Financial Industry Regulatory Authority (FINRA) – the largest independent regulator for securities firms doing business in the United States – wasn’t capable of providing bond investors and licensing clients with the latest news, offer and transaction information. To better serve its investment community and retain customers, FINRA needed a real-time financial information portal. And, it needed it fast. So, it turned to Dow Jones and ILM for help.

SOLUTION OVERVIEW

ILM software engineers partnered with Dow Jones to build a customized portal for FINRA that provided nearly endless investment opportunities for investors and traders. Our solution leveraged the latest online technology and industry standards to capture financial information from the best trading tools on the market. The result was a Bond Center portal that offered FINRA website users easy access to real-time information regarding corporate bonds, municipal bonds and government treasuries.

RESULTS

FINRA received a rigorously tested, one-of-a-kind financial portal tool – well within its tight timeline. The new Bond Center provided users with real-time investment information to help them: track the bond market with extensive commentary and macro pricing/yield information, locate and research individual bonds, and analyze tax implications of investment choices.

SCOPE

Duration: 6 months

Hours Billed: 3,400 hours

Team Size: 6-9

TECHNOLOGIES

- ASP.NET Framework
- SQL Server
- C#
- JavaScript

CUSTOM APPLICATION SOLUTIONS

Take advantage of our custom IT solutions for your large scale, high performance needs. We provide:

Application Development

Business Analysis

Project Management

ALM with Team System



SOLUTION DETAILS:

ILM developed the Bond Center portal by leveraging our extensive experience in custom-built online solutions for large-scale projects. Our solution included the following key components:

ASP.NET FRAMEWORK

We used the latest website architecture technology to construct the portal framework.

Benefits included:

- Robust and productive development environment
- Easy to maintain and extend web applications
- Multiple web browser and platform compliant

SQL SERVER

The best technology was used to build a robust Bond Center server platform that included:

- Minimized downtime
- Quick, easy access to real-time information
- Maximized data mining capabilities
- Enhanced site performance, scalability and security

C#

We leveraged C# to manage the sophisticated and complex database needs of the portal.

Various benefits consisted of:

- Versatile architecture that supported mass volumes of financial data
- Efficient tracking, storing and transmission of data to users
- Compliance with multiple web browsers and platforms

JAVASCRIPT

This browser-based language helped manage the portal's front-end development environment by providing:

- Quick image/page loads and response time
- Greatly improved end-user experience through enhanced user interface features
- Reliable framework that supports dynamic content



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ABOUT ILM

ILM is one of the leading IT development solutions firms in the nation. We excel in all areas of the software development lifecycle. From analysis and development to implementation, our experts specialize in complex and mission-critical custom business applications for organizations of all sizes.