

Organization:
Synechron

Industry:
Financial Services

Product(s):

- Essential Studio UI Edition
- Essential XlsIO

.NET Platform(s):
Windows Forms

Summary:
IT consultancy helps top financial services organization create a standard UI framework to improve productivity for investment bankers.

CASE STUDY

The Need for Speed: High-Performance Controls Give a Top Financial Services Company (and an IT consultancy) an Edge

Breaking down silos to create efficiency

When you're performing real-time trades, you can't afford to have anything slow you down, particularly struggling to figure out a clumsy UI or waiting for data to update. The investment banking division of a top financial services company found that their siloed approach to development was hindering efficiency in just this way.

Each business unit had its own application infrastructure and development team. This resulted in each of the bank's 19 or so different internal applications – including their Fixed Income, Algorithmic, Equities, and Loan trading systems – having a different look and feel. As a result, users were facing difficulty moving from one system to another.

They needed connectivity between their web content, market data feeds, a legacy mainframe, and other systems within a portal interface, so they called in Synechron (Piscataway, N.J.), a top IT consultancy that is a Syncfusion (Morrisville, N.C.) Enterprise Implementation Partner, to build a client-side UI framework that would perform generic processes across multiple applications and provide a common look and feel. The new framework would also provide a core set of building blocks for Rapid Application Development.



Synechron relies on Syncfusion controls to deliver high-performance applications for a top financial services firm.

The fastest grid on the market, and more

Given the nature of the applications, the project required the most high-performance UI controls available so that users could see huge volumes of data in real time and the applications could interact with each other efficiently.

"With the extremely high volume of data being pushed to end-users, finding the right grid control was crucial," says Rajanikant Khethawatt, Senior Manager of Software at Synechron. "After a very rigorous side-by-side test of several .NET component vendors' offerings, we chose Syncfusion Essential Grid for the project because it's extensible, offers a rich set of features, and is the fastest solution in the market."

To help the busy traders work more efficiently, the framework needed an intuitive UI with flexible, dynamic navigation. The project spec also required the ability to export data from the grid to Excel without needing specific code, so traders could work in a familiar format. Again, Synechron looked to Syncfusion. "With Syncfusion Essential Tools and Essential XlsIO, we allowed application developers to spend more time adding cutting-edge business functionality, and less time writing infrastructure and process-level code," says Khethawatt.

A true commitment to customer support

In addition to the Synechron team members working on the framework on-site at any time, Syncfusion has sent in its top development team members to help Synechron optimize its use of Syncfusion tools.

Syncfusion is always there if we run into any issues and they have gone above and beyond the call of duty to help us to optimize the use of their tools. Step 1 was to rapidly build the framework; step 2 was to optimize it and for Syncfusion to provide Best Practices," Khethawatt continued. "Their commitment to customer service sets them apart from other vendors."

"Using Syncfusion controls gives us an edge. They help us provide better development services, as they enable us to build robust applications faster on any .NET platform – and they always perform optimally."

Rajanikant Khethawatt

Support for all .NET platforms protects future investments

Having released four major versions of the framework since 2005, Synechron is always looking to the future.

"Many of the framework apps will be moving to the latest framework built on Microsoft .NET 3.5 this year to enable partitioning in order to protect application performance and to leverage the features of the .NET 3.5 technology. It's a challenge and we must leave room for very thorough testing within a very tight deadline so as to allow framework apps to move to the newer version quickly with the least number of issues.

With each new major release, we always performed another market check to be sure that Syncfusion controls were still the best choice. Having done this several times, we know that we can count on Syncfusion for any .NET project," says Khethawatt.

**For more information, visit www.syncfusion.com
or call 919-481-1974**