

## Breaking down silos to create efficiency

When you're performing real-time trades, you can't afford to have anything slow you down, particularly things like 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 approximately 19 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.

The banking company needed connectivity between their web content, market data feeds, legacy mainframe, and other systems within a portal interface. To accomplish this, they called in Synechron, a top IT consultancy and Syncfusion Enterprise Implementation Partner, to build a client-side UI framework to perform generic processes across multiple applications in a familiar UI. The new framework would also provide a core set of building blocks for rapid application development (RAD).

## 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," said 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 specs 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," said 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 one was to rapidly build the framework; step two was to optimize it and for Syncfusion to provide best practices," Khethawatt said. "Their commitment to customer service sets them apart from other vendors."

## Support for all .NET platforms protects future investments

Synechron has consistently released major versions of the framework since 2005, and 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.

**Note:** At the time of this case study's publication, all information about Synechron's use of Syncfusion controls was accurate. This case study does not intend to convey any information about Synechron's current use of Syncfusion controls.