

National Oilwell Varco delivers polished Flutter charts with Syncfusion



Significantly increased development speed, reducing tasks from days to hours.



Dozens of ready-to-use Flutter widgets enhanced project efficiency.



Higher UI quality, delivering polished, professional interfaces.

Introduction

John Briggs is an independent mobile app developer who builds applications for a variety of clients. His current project, Covenant Path, is a Flutter-based application designed to help users build stronger spiritual habits through daily tracking and in-app scripture readings.

Problem Summary

As an independent developer, John often built custom widgets himself, but the process became increasingly frustrating and time-consuming. Despite his experience, creating polished, professional-looking components—especially Charting interfaces—proved difficult and inefficient. He needed a reliable third-party solution that could reduce development time, provide high-quality components, and eliminate the need to construct complex widgets from scratch, prompting him to evaluate various Charting packages.

"Syncfusion stood out because it covered every Chart type I needed in just a couple of packages."

– **John Briggs**, Developer.



Industry

[Oil and Gas](#) 



Company

National Oilwell Varco



Region

United States



Customer Detail

John Briggs, Project Design Engineer

Use Case

John needed a unified, reliable component library that provided the full range of Chart types and widgets required for his Flutter application. The solution needed to accelerate development, provide consistent API patterns, and integrate smoothly into his analytics-focused screens, such as mood-tracking and statistics pages. Syncfusion's Essential Studio met all these requirements with ease.

BEFORE SYNCFUSION

Challenges

- ❌ Difficulty building custom widgets that looked polished and professional.
- ❌ Significant time investment required to build components manually.
- ❌ Need to evaluate third-party Chart packages that offered the required Chart types.
- ❌ Frustration from trying to “get things to look right” without ready-made tools.

AFTER SYNCFUSION

Solutions

- ✅ Adopted Syncfusion Essential Studio® as a comprehensive source of UI components and widgets.
- ✅ Utilized Syncfusion's extensive Chart types packaged together, eliminating the need to source from multiple libraries.
- ✅ Leveraged the consistent, well-documented API patterns to streamline development.

Implementation

John integrated Syncfusion Essential Studio's Flutter widgets into the Covenant Path app to replace the custom components he had previously attempted to build. The implementation process involved selecting appropriate Syncfusion Chart widgets, configuring their data models, and embedding them into the analytics screens used for mood tracking and other user statistics. Because the API patterns across Syncfusion components were consistent and intuitive, John experienced a short learning curve and quickly adopted new components as needed.

Syncfusion's extensive library allowed him to add new features in hours instead of days, eliminating the need for custom widget development and reducing friction across the entire workflow. This accelerated implementation enabled him to provide polished, professional UI elements while maintaining development velocity—crucial for an independent developer balancing multiple client needs.

Results

Syncfusion proved to be a valuable development partner for John, enabling him to build polished analytic screens and Charting features quickly. The toolkit significantly increased productivity and supported the creation of a high-quality user experience within his Flutter applications. John found that Syncfusion's customizable components firmly placed him in the "buy" rather than "build" camp for future projects.

Future plan

John is positioned to continue using Syncfusion's Flutter components as he expands Covenant Path and develops new applications requiring analytics and data visualization.

Conclusion

Syncfusion Essential Studio empowered an independent developer to significantly accelerate development, improve UI quality, and simplify the creation of complex analytic features. With comprehensive Flutter widgets and consistent API design, Syncfusion provided the tools John needed to deliver polished, high-performing mobile applications efficiently and confidently.