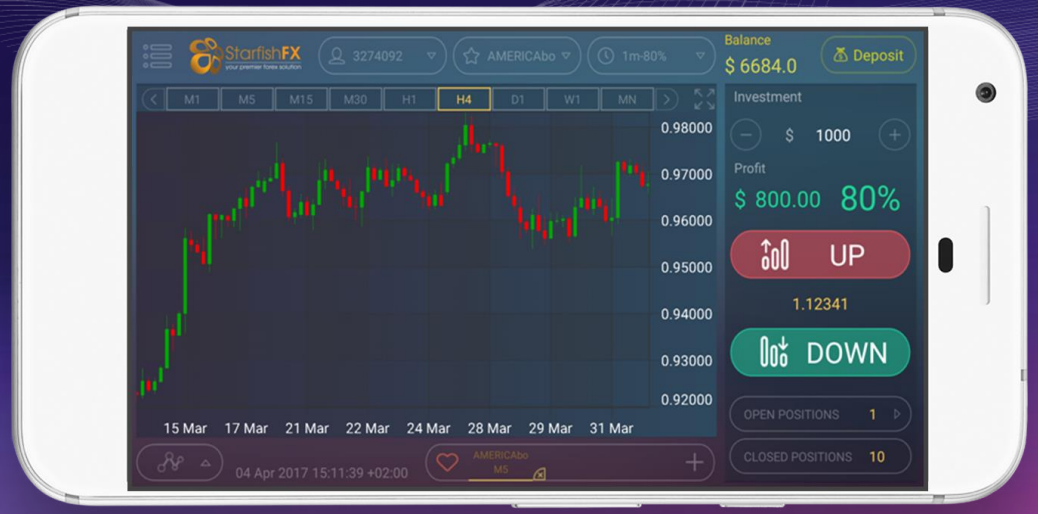
SCICHART

CASE STUDY



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Customer

Broctogon Solutionss

Industry

Financial, & Technological Sollutions

High Performance rendering of Large Datasets on Android

Background

Broctagon Solutions, part of the Broctagon Fintech Group is a conglomerate with a specific focus on financial and technological solutions. Broctagon Solutions specialises as a brokerage solutions provider.

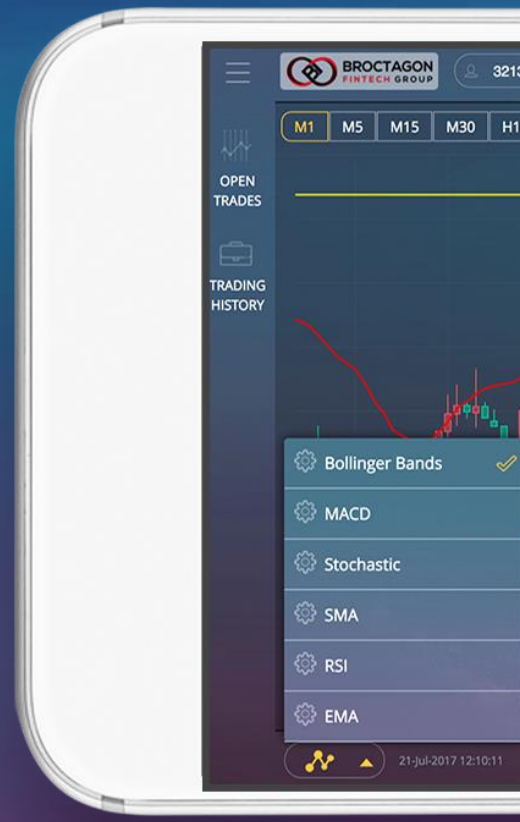
Broctagon was founded on the belief that the derivatives industry was in an evident need for a better Derivatives trading platform. One that was more comprehensive, sophisticated and secured. Capable of aiding traders in realizing their full potential.

Broctagon touts the game changing MT4 FX Derivatives technology which is fully integrated to the well regarded MetaTrader platform. Reliant on high performance charting and customer satisfaction, Broctagon turned to SciChart to cater for the financial industries demanding feature set when on Android.

Prior to SciChart

Broctagon initially ran on MP Android charts, an open source charting solution. However, this didn't meet the high end requirements of the Derivatives industry and their Android project suffered from substandard real-time performance, UI unresponsiveness and lacked visual smoothness. Compounded by Androids Chart Library not supporting "Live Plotting".

Set on ensuring the best end user experience, Broctagon came across SciCharts high performance Android Charting solution and began solving their problems.



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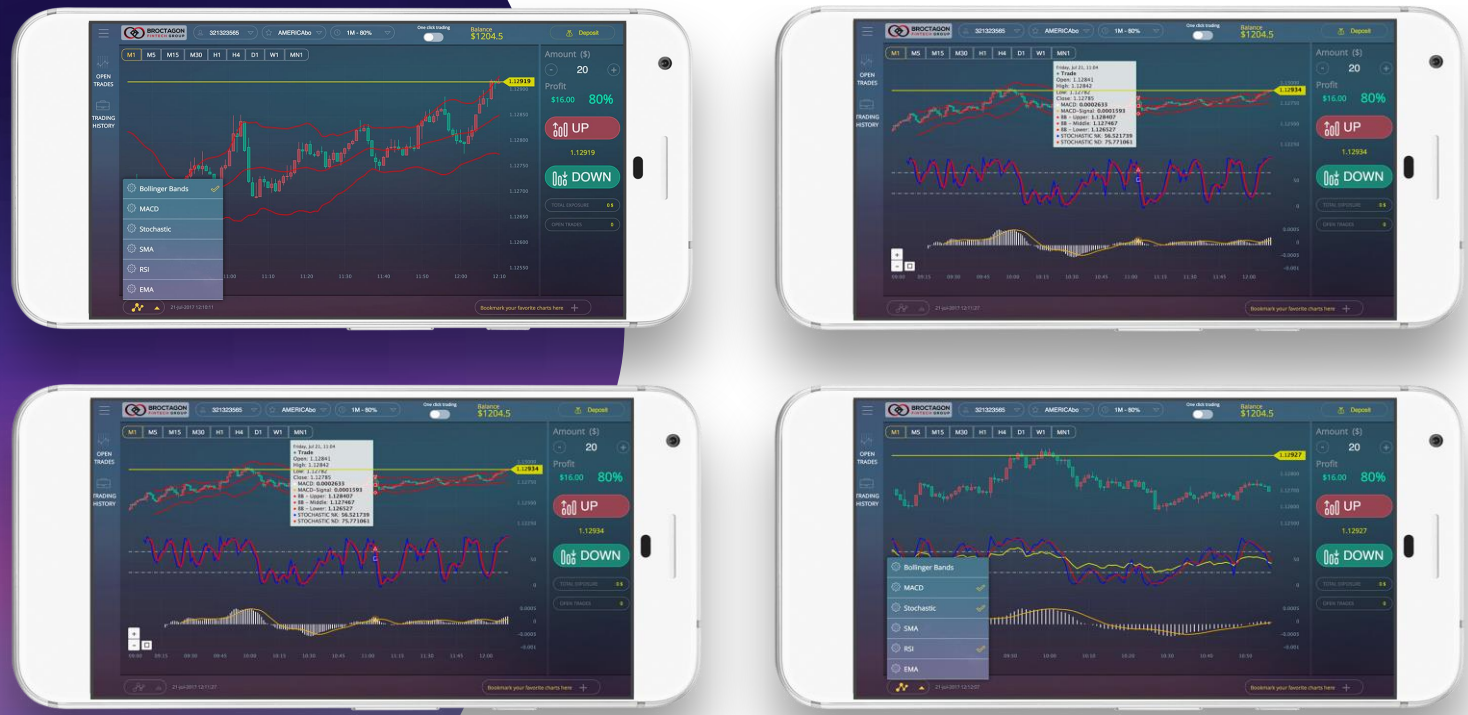
Data Visualization, How do they do it?

Using OHLC charts for specific time spans and Candlesticks for data representation alongside Tooltips to display text information such as, Open Price, Close Price and Low Price on tap specific to the date and time.

Data related to multiple Technical Analysis Indicators is displayed simultaneously as well as allowing the end user to set the values of the parameters of selected indicators.

Pinch and Zoom features are employed by pushing away and closing fingers together as well as allowing the user to enjoy viewing multiple panes and to scroll axis left, right, up or down and all within Android powered by SciChart.



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SCICHART

Solution

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How did SciChart revamp Broctagons' application

SciCharts High Performance Android Chart Library allowed Broctagon to render large Datasets ensuring increased performance and speed whilst displaying all the data in real-time.

SciCharts multiple themes allowed extensive customisation and its support of multiple axis, namely, CatagoryDate-TimeAxis, Date-TimeAxis and Numeric Axis allowed their users to stack multiple abscissa and ordinates together in charts.

About SciChart

SciChart is a cross-platform WPF, iOS, Android and Xamarin Scientific & Financial Charting Library.

SciChart supports rendering of complex, interactive, real-time charts with many millions of data points for demanding scientific, medical and financial applications and embedded systems that require high performance, rich interaction and smooth updates.

Find out more about SciChart at https://scichart.com

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