



ChartIQ & AntsSys Case Study

Overview

ChartIQ is a provider of HTML5, professional grade financial charts, including both technical analysis tools and visualizations of fundamentals, available on the web, tablets, and smartphones. Using a highly robust proprietary API, ChartIQ has actively developed a wide range of innovative data visualizations, intuitively putting social, fundamental, and macro data in the context of charts across all asset classes.

The firm's products are used directly by traders, analysts, individual investors, and licensed by brokerages, financial websites, and other technology platforms. Neil and Dan from ChartIQ discuss why they choose OANDA's REST API and their integration experience.

Opportunity and Integration with OANDA

ChartIQ and OANDA joined forces in 2015, whereby OANDA licensed ChartIQ's charting engine to layer over the fxTrade platform and offer to OANDA's clients. ChartIQ are partners with AntsSys who have developed custom indicators that are also available through ChartIQ and OANDA's partnership.

“OANDA's REST API was really easy to work with”

Neil, ChartIQ

Why did you choose OANDA REST API?

NEIL: We chose the REST API primarily because it was the best fit with our technology platform. Our application is accessed online and not via a download, so the Java SDK was not an option. We also wanted to give users access to their account information and to market data, much of which is not available via FIX. Most importantly, our application makes its requests for data using HTTP and JSON, and so the REST API is a perfect fit.

What does the OANDA API integration achieve?

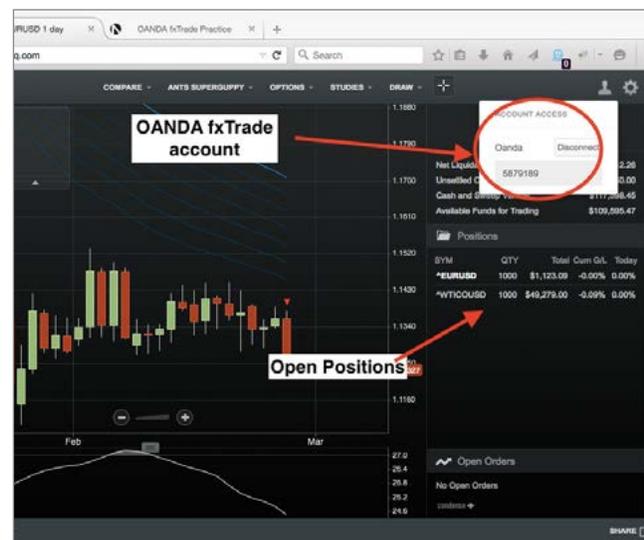
NEIL: The integration allowed us to roll out our HTML5 charting technology, and the custom indicators of our partners at AntsSys, to the trading customers of OANDA. This broadens our reach, and allows traders to use the best analysis tools connected to their chosen brokerage.

Please explain your customer segment and target.

DAN: Our users are active traders with a focus on technical analysis. Specifically for this integration, we are focused on the students of Daryl Guppy (AntsSys) and the techniques he's developed over the past couple of decades. We've found that education, technology, and execution are a powerful combination that gives traders everything they need for lasting success in the markets.

What was your integration process?

NEIL: Integration was very smooth and few unexpected events occurred. The API was a natural fit with our architecture and the integration process using the sandbox environment took about two weeks. I relied on the console which is built into the OANDA's website to test my API calls and the console proved to be quite accurate against reality. Once I received my OAuth credentials, further integration continued smoothly. In about a week's time, I had something ready to be QA tested.



What features and APIs did you use?

DAN: Our scope is read, market data and trade, and we use the functionality within Rates, Orders, Trades, Positions, and Accounts. We don't use Streaming or Transaction History. We use OAuth, acting as a third party application and using client-side flow.