

Crypto Trading Information Platform

Background

With the growing popularity of Crypto assets, the global financial industry is in need of direct communication among various available crypto exchanges. However, investors once could only open separate accounts in each exchange to trade their crypto assets. They could only manually compare multiple exchanges to find the best price, which was quite time-consuming and cost-ineffective. Therefore, they expected a single trading platform to help them to find the best prices and spend lower fees to trade the crypto.

Challenges

Our client is a startup company established by several traders from renowned global financial institutions. They invested crypto currencies through several exchanges. Each time they wanted to buy or sell crypto, they needed to open several browsers to access each website provided by each exchange and see which one offers the best buy/sell price. And then they would perform the order executions. It took a lot of time to compare prices from different exchanges until they got the best suitable one. However, even if they did find what they wanted, when they performed the order execution, the best ordering opportunity might have gone. Apart from that, the exchange would give discounted fee for bulk orders. The client wanted to build a platform that would involve other investors to trade the crypto through this platform, which would brought the final executed order to a large number, thus receiving the discounted exchange fee. Instead of spending all day long to

keep monitoring the price changes to find the best opportunity, investors could have the system to

help handle this task and promptly give them the signals of when to buy or sell what crypto currencies.

Achieved Effect and Value

Based on the client's expectations, Hengtian built a unified crypto trading information platform which provides a single entrance for investors to trade multiple crypto assets with different exchanges. The platform has integrated with 30+ exchanges and support 70+ crypto pairs. It provides benchmark real prices by leveraging the pricing from connected exchanges and also the CBBO (Consolidate Best Bid/Offer) prices based on the embedded algorithm to find the best prices for investors. It also implemented the SOR (Smart Order Routing) feature which will split the entered big order into multiple small orders which will be executed by multiple exchanges in the quicker way. Before the real order execution, platform provides a cost calculator to simulate the order execution to see the potential executed results. Then investors will clearly understand what will happen once the order is performed, which is so called 'Pre-Trade Analysis', and a 'Post-Trade Analysis' is also available for investors to review the profit and loss.

The Crypto Trading Information Platform helped the client to save more than 90% trading time and much lower exchange fees. The client could therefore focus more on their business development rather than spending much time in trading itself.