

Payment Methods

Using the DexGrid platform opens up access both to traditional fiat transfers and also stablecoin transfers over the Ethereum blockchain. When choosing the default transaction technology for the platform, these are the primary factors being considered:

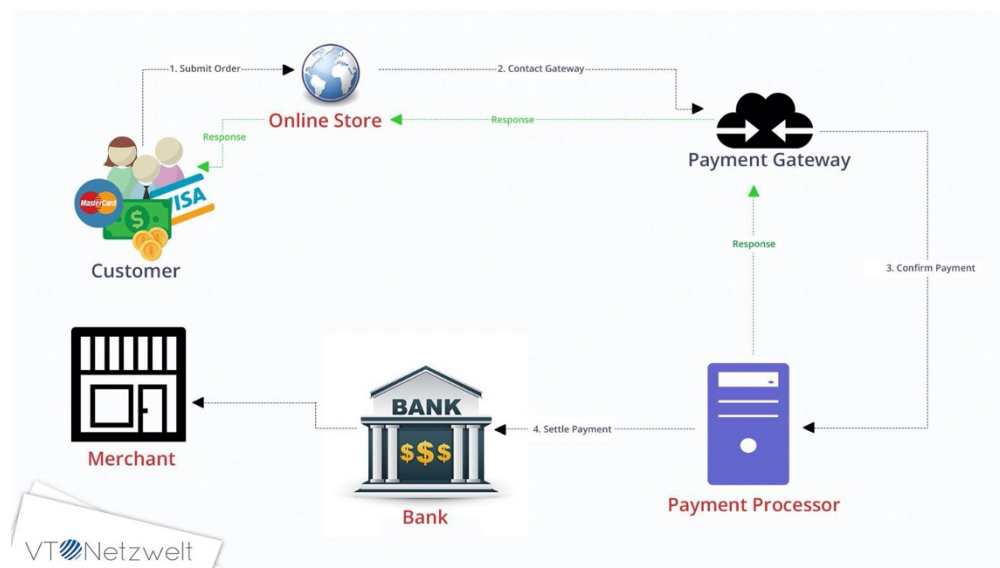
1. On ramping for new customers
2. Associated operating expenses for DexGrid
3. Cost benefit balance for DexGrid of costs associated with each technology versus potential opened up by using the selected technology
 - a. For example, financial services necessary for the platform to operate can cost less over Ethereum than using traditional banking
 - b. However, on and off ramping services come with their own friction, learning curve and costs
 - c. On the other hand, the expanding space of “Defi” on Ethereum opens up potential opportunities for users of DexGrid that could outweigh the added costs and friction of operating on a blockchain
4. Trust gained or lost of platform users depending on their knowledge and perception of the selected technology
5. Existing traction of the payment method
6. Security and privacy
7. Specific features such as transaction time, available APIs/integration, etc
8. Stability of value of the means of exchange

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Traditional Payment Processors

There is a substantial trade off for DexGrid to use traditional financial tools. The primary reason for this is the market mechanisms necessary for DexGrid to meet the intended goal of balancing the electric grid using economic incentives. This mechanism on top of the DexGrid platform requires hosting a relatively sophisticated market and handling a very large amount of transactions, constantly, without any failures. The apparent means to provide this using traditional financial services would be to have a financial firm host the market and handle all the transactions on their ledger.

1. Paypal
2. Stripe
3. Square
4. Android/Apple Pay
5. X-Payments
6. Braintree
7. Due
8. Adyen
9. 2checkout
10. Payza

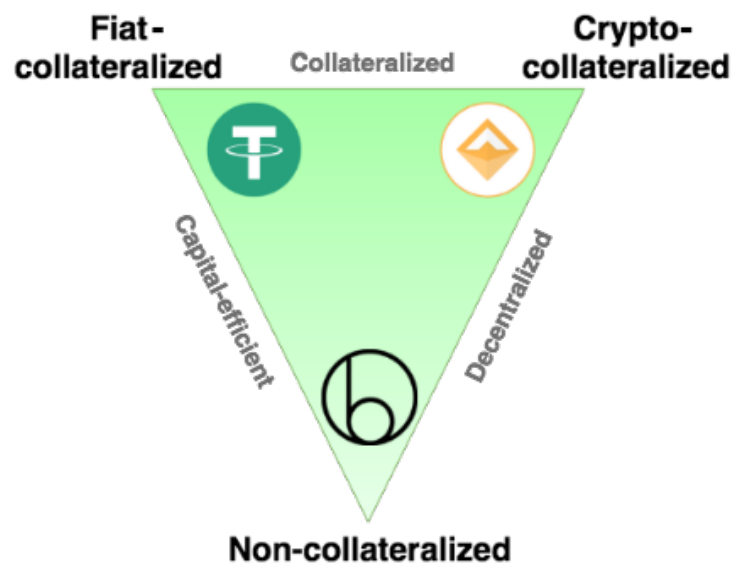


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Ethereum Payment Methods

In order to reach a full market of grid users, DexGrid will necessarily need to have fiat to crypto on and off ramping. In addition, a money transmitter may be required in order to comply with FINCEN regulations regarding money transmission. DexGrid personnel's working relationship with SendWyre makes it the clear option for this purpose, especially during the bootstrapping stage. The industry leading API, customer service, and flexibility for integrating into dApps such as Dexgrid work as a very attractive option.

Unstable means of exchange is not an option for DexGrid's product offering. Therefore, the platform will require an existing, stable means of exchange. The most obvious option is the Dai stable token, a token with a market value stable 1:1 with the US Dollar. There are other stable token options available as well, such as Tether, USDCoin, Gemini Dollar, TrueUSD, Digix Gold Tokens, PAX, and Libra (LOL), each with their own tradeoffs.



by Haseeb Qureshi, "Stablecoins: designing a price-stable cryptocurrency"