



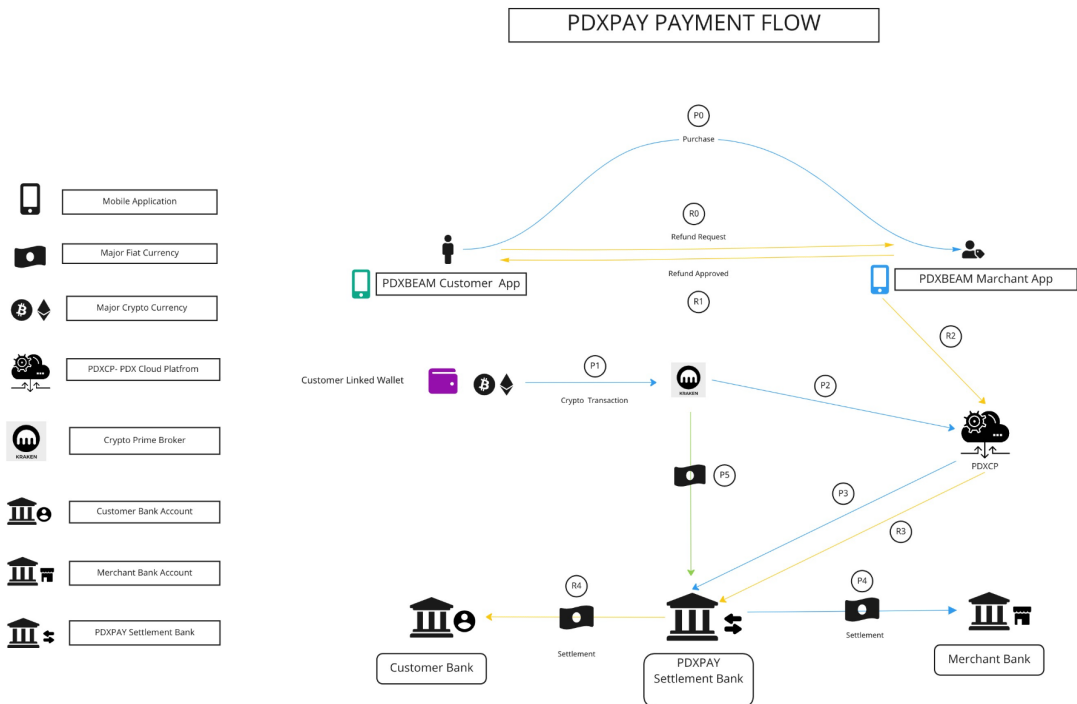
WHAT IS PDXPAY

PDXPAY is a new payment platform leveraging the current advances in technology to simplify merchant services. The platform's goal is to process payments between customers and merchants by eliminating the time-consuming verification cycle inherent in the credit card processing system. By leveraging Cloud-based technologies and blockchain, payment processing can be made much more efficient, predictable, and cost-effective. This process can be applied to standard fiat currency transactions as well as crypto payments. The Virtualization of IT infrastructure has created unprecedented efficiencies in the utilization of hardware infrastructure, similarly, the virtualization of assets into a store a value stored in a digital wallet and used in a closed loop system that provides full transparency to customers and merchants alike. This proposed system will allow for faster, cheaper, and more secure transactions that will decrease the transaction costs to merchants while providing the flexibility for customers to use Fiat or Crypto to fund a digital wallet. The verification of funds using a virtual store of value mechanism ensures that the funds are available prior to the financial transactions using a pre-funding process.

While the credit card processing system is a proven solution that is the de-facto standard, it is costly to both consumers and merchants. For customers that have the funds and want the flexibility of fast cashless payment and the ability to track their spending using an app, that is where PDXPAY comes in and the PDXBEAM customer app fulfills that role. The PDXPAY ecosystem consists of the following:

PDXBEAM-C :	PDXPAY customer application (Mobile/Web)
PDCBEAM-M:	PDXPAY Merchant Application (Mobile/Web)
PDXPAY :	Payment processing platform
PDXPAY PB:	Prime broker for Crypto transactions
PDCPAY SB:	Settlement bank for transaction settlement in Fiat*

* all transactions are in Fiat



TRANSACTIONS FLOW:

PURCHASES

P0 - a customer makes a purchase at a retail store or online

P0 - Purchase of goods initiated by the customer

P1 - crypto equivalent to the amount of transaction + is authorized by the user to be sent to the PDXPAY PB for sale

P2 - Prime broker received the funds for the exact amount + fees, and trigger a receipt message to the PDXCP

P3 - Full amount of goods sold flagged and approved for settlement by the PDXPAY SB to the merchant

P4 - PDXPAY SB settles the merchant for all the transactions at the end of the day

P5 - All crypto sales funds are transferred from PDXPAY SB to PDXPAY PB to replenish the funds

REFUNDS

R0 - a customer makes a return at a retail store

R0 - Refund requested by the customer

R1 - Refund approved by merchant and

R2- Request is send the PDXCP to issue a refund

R3- PDXCP send a refund request to PDX SB

R4 - The PDX SB refunds the customer for the approved amount **

** a buffer amount is always kept for refunds as to avoid payment requests from the merchant's bank