Abstract

Motivation

The PumaPay Vision

PumaPay Token Economy

The Technology

Use Cases

The PumaPay Token

Token Generation Event

Token Allocation

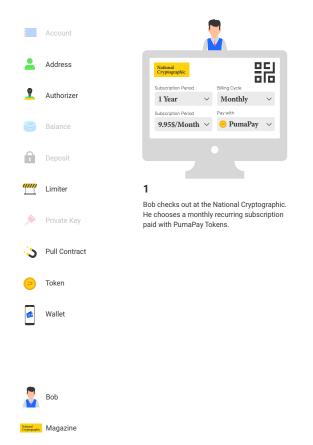
Development Roadmap

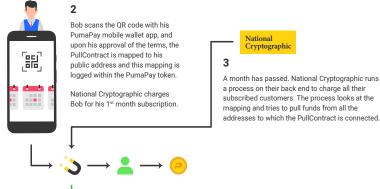
Team

Risk Factors

Resources

Recurring Payments Based on Time







The National Cryptographic is using a popular PullContract template that is built from 3 parameterizable Authorizers:

- RecurringSubscriptionAuth an authorizer controlling the recurrence of a transaction and accept parameters for recurrence frequency and interval - 1 and 'month' respectively in this case.
- ChargeLimit an authorizer controlling the transactions' currency and amount. In this case it is 9.95 USD. Upon every billing cycle, this authorizer will check the USD/PMA rate at that time and will pull PMA tokens in an amount equal to 9.95 USD.
- ReceipientList an authorizer controlling the destination of the funds. In this case it is the public address of the National Cryptographic's account.

The PullContract is presented as a QR code and a human-readable YAML file specifying all the parameters.

Use Case: A Magazine Subscription

Bob has a passion for cryptography and security. As such he wants a subscription to National Cryptographic, the world's leading journal on everything security and blockchain. Since the National Cryptographic website uses **PumaPay**, Bob can easily subscribe.

First Bob can look at the subscription and use his **PumaPay** wallet to scan the QR code given to him at check out. After scanning the QR code, a YAML file will be displayed on his wallet explaining the terms of the

PullContract and any of the details regarding the PullContract.

Once Bob accepts, the PullContract is committed to the Blockchain, Bob is subscribed to National Cryptographic, and National Cryptographic is permitted to make PullRequests from Bob's account every month.



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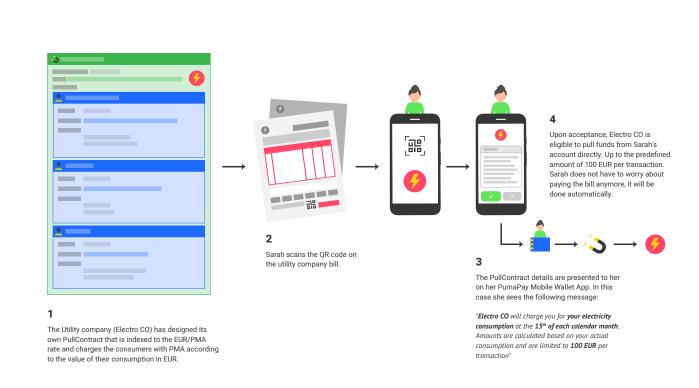
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Recurring Payments Based on Time with a Variable Amount



Use Case: Electric Bills

Account

Authorizer

Private Key

Wallet

Pull Contract

Sarah has just gotten her first home and now she has to pay bills. She looks at her electricity bill and sees that her utility company has integrated **PumaPay**. She goes to the website and plugs-in her account details. When she selects a payment method, she chooses **PumaPay**.

Upon doing this, a PullContract is created by the utility company's web-app using the PumaPay SDK.

A QR code that links to the PullContract is generated and displayed to Sarah.

Sarah can scan this QR code and get the details of the contract, which states that it can withdraw a variable amount from her account monthly with this amount being dependent on her electricity consumption.

Sarah accepts the PullContract, it is stored on the Token Contract and Sarah is connected to the power grid.

