



Universal way to exchange loyalty/bonus points
via CPTS cryptocurrency

TABLE OF CONTENTS

TABLE OF CONTENTS.....	2
Legal disclaimer.....	3
Abstract.....	4
Introduction	5
Approach of Crypto Points.....	6
Air miles and Loyalty Points framework	7
Vision.....	8
Everyday usage of Crypto Points	9
Long term vision.....	10
MasterNodes.....	12
PoS.....	13
Block Rewards	15
Technical Description	16
Wallet Overview.....	18
Company Structure	19
Sale Details.....	20

Legal Disclaimer

The purpose of this White Paper is to present Crypto Points, its technology, business model and the CPTS to potential Coin holders in connection with the proposed Masternode sales. The information set forth below may not be exhaustive and does not imply any elements of a contractual relationship. Its sole purpose is to provide relevant and reasonable information to potential coin holders in order for them to determine whether to undertake a thorough analysis of the company with the intent of acquiring CPTS coins.

This White Paper does not constitute an offer to sell or a solicitation of an offer to buy CPTS in any jurisdiction in which it is unlawful to make such an offer or solicitation.

Neither the Swiss FINMA nor the United States Securities, Exchange Commission and any other foreign regulatory authorities have approved an investment in this coin.

Certain statements, estimates and financial information contained herein constitute forward-looking statements or information. Such forward-looking statements or information concern known and unknown risks and uncertainties, which may cause actual events or results to differ materially from the estimates or the results implied or expressed in such forward-looking statements. This English-language White Paper is the primary official source of information about the CPTS coin. The information contained herein may be translated into other languages from time to time or may be used in the course of written or verbal communications with existing and prospective community members, partners, etc. In the course of a translation or communication like this, some of the information contained in this paper may be lost, corrupted or misrepresented. The accuracy of such alternative communications cannot be guaranteed. In the event of any conflicts or inconsistencies between such translations and communications and this official English-language White Paper, the provisions of the original English-language document shall prevail.

This whitepaper is not the final release and will be updated as often as new and appropriate ways will be found and planned in the development process.

In this whitepaper we are providing you with details about Crypto Points Coin, our vision and mission, how the coin will be different from other coins and what value it will add to the crypto currency world. This whitepaper will include basic coin characteristics, description of the coin purpose and real use-case scenarios.

Abstract

When crypto currency was still in its infancy, it was well distributed among a couple thousands of private groups, governed by transparent rules. All that has changed: the exponential growth of cryptocurrencies has led to a dramatic increase in the sector's interest along with ideas of usage and a concentration of business in countries with quick adaptation to it. But, crypto currency world is still unpredictable, and a few facilities are available at daily usage. We have developed Crypto Points which is based on Proof-of-Stake and Masternode algorithms that was invented to provide undisruptive decentralized loyalty rewards ecosystem with a vision to bring the crypto currency closer to people. Crypto Points supports decentralized revolution and aims to develop solutions that will bring the crypto currency world to ordinary people. By signing the cooperation with companies and airlines we are aiming to deliver the most comprehensive user experience services in terms of loyalty programs. As we know, most of the loyalty points remain unused since there is no technology that is invented to exchange between them. Crypto Point was invented to offer versatile service to buy/sell/exchange loyalty points of different programs (store points, air miles, etc.). People holding loyalty points can easily swap them to Crypto Points and hold, sell or swap to other loyalty points of interest. This makes Crypto Points Coin pioneer in crypto loyalty world.

At the time of writing current whitepaper we have contacted companies and airlines that are ready and interested to work with us. The idea came to the mind as we all have loyalty points and don't use them, therefore they expire or held without reason. Hence, the idea of exchange them by means of crypto currency seems a working way for us to help such people.

Introduction

Nowadays most of the services that are being used daily like shops, airlines, banks and etc. link you to a reward program. Those rewards remain unused or just burn out on their expiration dates. In different cases people want to switch the loyalty points that they have earned to the ones that they really want, or when you use a certain reward program in one city and move to another city, you have no choice but to start all over. It doesn't have to be that way with Crypto Points.

Approach of Crypto Points

We believe that system innovation is imperative in order for cryptocurrencies to gain mass acceptance and the future of loyalty programs and air miles should be decentralized in order to have more options and validity to it. It must be possible for individuals to take part in exchanging, selling and earning profit out of these programs. Moreover, Crypto Points strives to involve the community in making decisions about key programs they want to be involved. We therefore strive to listen and for larger audiences to take part in the crypto-community. By offering anyone the ability to take part in securing the future of the blockchain technology, Crypto Points is laying the foundation for the future of crypto loyalty programs by designing the all in one wallet and by offering our community the right to vote for listing programs, locations and for coin choices.

Air Miles and Loyalty Points Framework

Air travel and the associated loyalty program became a commodity in today's world. Loyalty program, also known as FFP (Frequent Flyer Program), is one area which has shown tremendous growth, since first initiative launched 30 years ago. The idea was to reward customers for their flight ticket purchases, and subsequently ensure customer retention. American Airlines is the first major airline to introduce this concept. Though the focus has drifted away since then; from being a CRM (customer relationship management) tool to becoming an independent profit center, it is still in the thick of things. It might be intriguing to note that in this case, supply of rewards is far more than their demand because of the limited options to redeem accrued points or miles earned during the travel purchase. This is also symbolic of the typical airlines' dilemma of striking balance between revenue maximization and retaining the loyalty of existing customers. In order to stay relevant in today's context, airlines need to make some design changes in the current structure of loyalty programs. One exercise in this direction which will define the future is Social Loyalty Effort towards rewarding not just the high value customers based on the transaction value but rewarding brand advocates as well. This change in design of existing loyalty programs will ensure that the brand evangelists are motivated enough to post good reviews and share their experiences with the brand at various social forums. In order to implement this change, there is a need of improving the technology portfolio, changing organization structure and most importantly, changing the culture. The challenge that lies ahead is that social media and loyalty initiatives at most airlines are carried out by different teams that do not work hand in hand. This is why airlines fail to recognize and suitably reward loyal customers who not only purchase their services but spread good cheer about them on various forums as well.

Vision

Crypto Points should be a de-facto standard for loyalty points exchange and put a beginning for a Crypto Loyalty Program establishing a global processing center with wide acceptance on the crypto points in the stores around the globe.

Everyday Usage of Crypto Points

Individuals will be able to do shopping, buy air tickets, book hotels whoever supports loyalty programs with more benefit and earn more out of it. Since, most people would like to exchange their points to a general crypto currency, we see that demand of the coin will be high, as well as supply, which is generated by buying loyalty points of another system.

Long Term Vision

As the project grows, we will be looking for more agreements with loyalty programs to include in our network. This will also work with peer-to-peer exchange as our platform will be an escrow service for such exchanges. Also, we have limited the amount of Masternodes per month, to make the coin appealing for Masternode holders.

Why Should You Invest

The crypto currency market is growing daily with new currencies that are deployed each day, with general use case scenarios or unachievable promises. Such coins drop their value in a few days promising high ROI that falls significantly in the first days of release. We do not promise a high ROI and we are not implementing it. While we use our premine on initial development purposes and guarantee to spend maximum 15% out of the fund that is recovered by 5% dev free from some block rewards.

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As the project grows, we will be looking for more agreement with loyalty bonuses program to include in our network. This will also work with peer-to-peer exchange as our platform will be an escrow service for such exchanges.

Masternodes

Masternode is a vital part of CPTS network Masternodes are servers that provide processing power for stable transaction confirmations. Masternode holders receive their rewards, for each block generated, directly to their wallets. We have limited the amount of Masternodes to 2000 since this will ensure stability and security of the entire network, providing at the same time speed of transactions and stable price on the market. The limit may be changed in the future and announcement about such changes will be broadcasted by all possible means.

PoS

The Proof-of-Stake concept was created as an alternative to the Proof-of-Work (PoW), to tackle inherent issues in the latter. When a transaction is initiated, the transaction data is fitted into a block with a maximum capacity of 1 megabyte, and then duplicated across multiple computers or nodes on the network. The nodes are the administrative body of the blockchain and verify the legitimacy of the transactions in each block. To carry out the verification step, the nodes or miners would need to solve a computational puzzle, known as the Proof-of-Work problem. The first miner to decrypt each block transaction problem gets rewarded with coin. Once a block of transactions has been verified, it is added to the blockchain, a public transparent ledger

The Proof-of-Stake (PoS) seeks to address this issue by attributing mining power to the proportion of coins held by a miner. This way, instead of utilizing energy to answer PoW puzzles, a PoS miner is limited to mining a percentage of transactions that is reflective of his or her ownership stake. For instance, a miner who owns 3% of the Bitcoin available can theoretically mine only 3% of the blocks.

Characteristics

Name	Crypto Points
Ticker	CPTS
Algorithm	PoS, Masternode
Block Time	60 seconds
Total Supply	1,000,000,000,000 (1 Bln) CPTS
Premine	10,000,000 (10 mln) CPTS
MasterNode Collateral	50,000 CPTS
MasterNodes Limit	2,000
GitHub	https://github.com/CPTSCoin/CPTS
Masternode Port	44331
RPC Port	44332

Block Rewards

Block (from)	Block (to)	Masternode	PoS	Dev
200	20000	70	25	5
20001	50000	50	45	5
50001	100000	40	50	10
100001	150000	30	60	10
150001	>	60	30	10

Technical Description

Crypto Points coin is based on PIVX coin that allows every participant of the coin community to gain profit from PoS as well as establish Masternode to secure blockchain and earn more out of it. Thanks to instant transactions, crypto points swap to loyalty points are nearly immediate and you can quickly convert points to/from another loyalty system.

Our Plans

For a successful run of the project the following parts of the ecosystem will be built:

1. Mac/PC/Linux wallet and Masternode module with easy to use installation script, as well a platform where you can instantly run the Masternode backed by professionals in this industry.
2. Mobile wallet and Loyalty Exchange Platform (cryptocurrency to loyalty points and vice versa).
3. Website with all functionality of mobile application, partners, news, and personal profile.
4. Live chat supports for any sales/technical issues.
5. Physical Crypto Points cards distribution with NFC chip and wallet QR Code.

Wallet Overview

We are creating a wallet within built exchanges for points and CPTS for different operating systems as well as mobile devices with intuitive UX.

Company Structure

We are team of developers and marketing officers of different companies who came up with this idea. Operations are run by the team of founders. On the supervisory board of “Crypto Points LLC” we view the community of coin holders in this context as a pool of know-how and a provider of impulses for Crypto Points to operate in sync. After the Presale, we will fund a 100% subsidiary for R&D and the management of Crypto Points.

Presale Details

We start presale with 100 Masternodes which will require 50,000 CPTS / each to run.

