



WHITEPAPER

Created - 4/19/2017

Table of Contents

Abstract.....	1
INTRODUCTION.....	2
The Company.....	2
Our Mission.....	2
THE PROBLEM.....	3
For Inmates.....	4
For Prison Staff.....	5
THE SOLUTION.....	5
BENEFITS OF CONCOIN.....	6
For Inmates.....	7
For Prison Staff.....	7
HOW CONCOIN WORKS FOR INMATES.....	8
SUMMARY.....	8

Abstract

ConCoin is a cryptocurrency developed using the Bitcoin protocol. As the only decentralized cryptocurrency used in the United States prison system, ConCoin facilitates secure financial transactions between inmates in a matter of minutes.

INTRODUCTION

The Company

Founded in 2014, ConCoin was created to meet the needs of the more than two million state and federal prison inmates across the United States for a more secure and anonymous virtual payment system. Similar to Bitcoin, ConCoin allows inmates to conduct secure transactions outside of the purview of the government; because ConCoin is decentralized, government officials do not have access to seize funds held in this digital currency. Moreover, prison officials and government agents are not able to tie account balances or other related information directly to any individual inmate.

With ConCoin, funds are stored in digital currency that is held in a secure wallet. This wallet can be administered by an inmate's friends and family or by ConCoin itself via cold storage. In addition, ConCoin is developing an intra-prison system that would allow inmates to directly control their own funds. ConCoin is currently in discussions with three prisons regarding the launch of this pilot program.

Inmates who utilize ConCoin have the ability to make transfers both within their own prison or to inmates in other facilities. Upon release or for any other reason, an inmate's ConCoins can be cashed in for U.S. currency at the current exchange rate or transferred to another inmate.

Under the founders' vision, ConCoin will become the sole digital currency available within the U.S. prison system; this exclusivity will enable the value of ConCoin to continue to grow and will establish it as a strong and long-lasting decentralized cryptocurrency.

ConCoin's Mission

The goal of ConCoin is twofold. First, ConCoin seeks to promote, support and provide education on decentralized cryptocurrency to the current inmate population in the United States. At the same time, ConCoin aims to provide prison administrators with guidance on blockchain technology to enable them to monitor the money supply within their institutions. Together, ConCoin believes that inmates and prison officials can both benefit from this more accessible financial system.

THE PROBLEM

The current prison currency system presents a number of issues for both the incarcerated and the prison administration staff.

For Inmates

Currently, inmates incarcerated in state and federal prisons across the country must rely on services such as JPay, Money Gram, Access Correction and Green Dot in order to deposit funds into their commissary accounts.

The drawback to this arrangement for inmates is clear. The system requires that inmates depend upon the prison system to manage their funds, but inmates are distrustful of prison staff and the institution as a whole for a number of reasons. First, court systems across the country are empowered to collect fines levied by the court from prisoners' commissary accounts. Because 92 percent of all inmates face court fines or have been ordered to pay court costs, the potential for prisoners' accounts to be drained of much needed funds is high, and inmates who are forced to rely upon the prison system to manage their funds while incarcerated have little to no recourse to safeguard funds needed to pay for day-to-day essentials such as shampoo, deodorant, postage, etc.

Second, Department of Correctional Services employees have been caught stealing funds from inmates' commissary accounts on a number of occasions. Prisoners are aware both that these takings occur and that they have little ability to prevent prison employees from doing so, increasing their lack of confidence in the current commissary account system.

In response to their distrust of the current official system, many prisoners have resorted to using items of value to barter with other inmates, including postage stamps, Green Dot cards, mackerel and cigarettes. This gray market system has its downsides as well, however. Because barter is based on physical property, inmates can become easy targets for theft with little official recourse available.

For Prison Staff

Employees of prison organizations also face issues with the current system. As inmates turn to bartering with one another. Fights are common as prisoners seek to make their fellow inmates pay owed debts or attempt to recover stolen items of value. In response, prison staff are forced to dedicate time and resources to policing prisoners more, filing of paperwork and dispensing medical attention due to unnecessary fights.

THE SOLUTION

As a decentralized cryptocurrency designed specifically for use within the U.S. prison network, ConCoin present a solution for the problems facing inmates and prison staff alike under the current system. This digital currency is encrypted, allowing for regulation of the units of currency and verification of any transfers of funds. This feature can prevent many issues that arise for both prisoners and staff under an underground barter system when one party fails to complete their end of a transaction. At the same time, the administration of ConCoin is completely decentralized and is not overseen by any central bank or agency, allowing inmates to be secure in the knowledge that their ConCoin funds cannot be seized to pay outstanding court fines.

ConCoin also has the ability to lower transaction costs for all parties involved by removing the expenses inherent with layers of bureaucracy. This cryptocurrency utilizes a blockchain, which serves as a digital ledger of all transactions. This ledger is publicly viewable and all transfers are recorded chronologically for easy tracking. The blockchain enables prison staff to avoid issues of oversight inherent in gray market barter systems while also providing protection for inmates by helping to keep all transaction partners honest.

BENEFITS OF CONCOIN

ConCoin can help resolve many of the problems inherent in the current prison currency system, benefiting inmates and prison staff alike.

For Inmates

ConCoin offers a wide range of potential advantages for incarcerated individuals. First, ConCoin is secure. Court officials cannot confiscate funds held in ConCoin to pay court fines, and neither prison staff nor other inmates are able to steal funds that an inmate has kept in ConCoin. In this way, ConCoin allows inmates to protect their assets.

Second, ConCoin can help facilitate safe and easy transfers of funds between inmates throughout the prison system, even between inmates at different institutions.

Lastly, ConCoin is complete anonymous, and no one is able to track the ownership of any ConCoin account. For many inmates, this level of privacy can provide valuable protection and peace of mind.

For Prison Staff

Prison officials also stand to reap a variety of benefits from ConCoin. First and foremost, ConCoin provides prison staff with a simple and straightforward way to keep track of their prison's money supply. Unlike with bartered goods that can be hidden, ConCoin's blockchain allows for total transparency of all transactions within a prison's walls.

Second, ConCoin will devalue the physical items currently utilized in prisons' underground barter markets. As barter systems disappear, so will the violence that accompanies these gray market transactions. This reduction in violence will also lower administration and medical costs for prison staff.

Lastly, the transaction fees collected by ConCoin are distributed to prisons on a monthly basis, providing prison systems with a steady stream of income for free.

HOW CONCOIN WORKS FOR INMATES

In order to use this digital currency, inmates must have a digital wallet in which to hold their ConCoins. Inmates can obtain a wallet and make transfers in and out of their accounts in one of several ways.

First, friends or family outside of the prison system can download the wallet and execute transfers on the inmate's behalf. This process would be similar to way deposits to traditional prison commissary accounts are typically made.

Second, a number of inmates in certain prisons across the United States have access to computers and tablets provided by American Prison Data Systems and other similar companies. These inmates can manage their own ConCoin wallets and transactions directly once the prison adopts this system.

Third, ConCoin offers a phone system called ConCoin Direct. With ConCoin Direct, inmates can call to register their account and manage their transactions over the phone. Voice recognition software helps to safeguard each inmate's funds. While ConCoin Direct charges a higher service fee, this option is ideal for those inmates who lack access to a computer or an outside family network.

Lastly, ConCoin is currently looking to forge a partnership with a prison in order to conduct a ConCoin trading desk pilot program. Through this program, ConCoin would install a system directly within the prison where inmates can register their accounts, make transactions and check the current ConCoin trading price. Each inmate would create a separate user ID and password for their own windows/mac logins and then will have access to their individual secure wallets.

SUMMARY

In short, ConCoin has the potential to revolutionize the current prison currency system. This secure and decentralized digital currency tailored to the needs of the United States' state and federal prison systems offers a range of benefits for both inmates and prison staff.