SafeHaven.io

… The Solution to digital inheritance …

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www.safehaven.io

Written by the Safe Haven Team

SHA Protection Plans

1. The Family Circle Plan (TFC)

The family circle plan is for those who want- on the day they pass away, their children to be able to access their assets. The possibilities are almost endless, shares can be divided in flexible way, while safekeeping the secret in a secure and a transparent manner. The fact that we add validators in our process keeps the process suitable for the most important matters, like our families. We add the wonderful world of "block chaining" in our process, which keeps the share decentralized. The decentralized database validator (smart contract mapping) adds an extra security feature combined with a state of the art, simplistic, secret sharing protocol.

The advantage of this solution is that we do not store 100% of the shares on the blockchain, only a small part of it depending on the different options chosen by the initiator. In order to fully understand the different shares processes and our TFC SD protocol, we kindly invite you to read our White Paper section 5.

The release and/or execution of the shares protected by smart contracts relies on a third-party involvement, more specifically known as our Trust Alliance Network.

Description	
100% decentralized on block chain	NO
Full process automation	NO
Partial decentralization on block chain	YES
Third Party involvement (TAN)	YES
Upgradable Smart Contracts	YES
Proof of Stake options	YES

2. The Business Continuity plan (BCP)

The Business Continuity plan is quite similar to the TFC, the main difference is that we speak about stakeholders instead of children and that the validation process is different in terms of share unlocking. In a BCP the notary does not need medical rustication documents to obtain the missing share through our services, but rather notarial acts prepared by himself. The initiator can also choose whether to include our TAN (Trust Alliance Network) or have an entirely automated process.

With TAN involvement:

Description	
100% decentralized on block chain	NO
Full process automation	NO
Partial decentralization on block chain	YES
Third Party involvement (TAN)	YES
Upgradable Smart Contracts	YES
Proof of Stake options	YES

Without TAN involvement:

Description	
100% decentralized on block chain	YES
Full process automation	YES
Partial decentralization on block chain	NO
Third Party involvement (TAN)	NO
Upgradable Smart Contracts	YES
Proof of Stake options	NO

3. The Investment Circle

The Investment Circle is for those willing to create a fund amongst friends, family members, or business stakeholders. Let's say that 5 friends want to invest in crypto-currencies, and each buy in for $1000. What are their options? Creating a multi-sig wallet (with all the flaws discovered lately). Even when it is completely secure, you will always need trust within the group... Ok- how can you fix this? Simple! Through Safe Haven's Share Distribution protocol. You encrypt the private key and we split the passphrase into shares, the stakeholders will receive equally the same number of shares. If we consider this formula (without a fail-safe mechanism), we have $T = (\mathrm{y.n} - 1) + (\mathrm{X.n})$, T = (2 -1) + (2.5) = 1 + 10 = 11 shares to distribute where 1 will be protected on the blockchain via the validator's (legal entity) share. The conditions to liberate this share can be anything from price thresholds, to milestones, to simply having a 100 % consensus to do so. Again, the possibilities are endless. The group may choose whether or not they include our TAN as well.

With TAN involvement:

Description	
100% decentralized on block chain	NO
Full process automation	NO
Partial decentralization on block chain	YES
Third Party involvement (TAN)	YES
Upgradable Smart Contracts	NO
Proof of Stake options	NO

Without TAN involvement:

Description	
100% decentralized on block chain	YES
Full process automation	YES
Partial decentralization on block chain	NO
Third Party involvement (TAN)	NO
Upgradable Smart Contracts	NO
Proof of Stake options	NO

4. Safe Haven Vault

Good passwords are hard to memorize and can not be transferred, not in a legal manner anyway, from you to your relatives. This password can be anything, from Facebook, to Gmail, or any other important account. If you want to be sure that your digital legacy does not die with you, and that your relatives can access those accounts even when you are not there anymore, store them through Safe Haven on the blockchain using one of our Share distribution protocols. With Safe Haven's Vault, you have the possibility to protect any digital asset (crypto keys/seeds/passwords) on our blockchain. The release of the shares happens by the initiator himself, or he can even add a watchdog mechanism that transfers the shares to another user of our platform in an autonomous way. One example of the conditions that can be set are "keep-alive" functions. Smart contracts are triggered once the contracts are overdue and monitoring stops.

Description	
100% decentralized on block chain	YES
Full process automation	YES
Partial decentralization on block chain	NO
Third Party involvement (TAN)	NO
Upgradable Smart Contracts	YES
Proof of Stake options	YES