

Whitepaper

In this day and age, technology envelopes us all, and the impact it has on our lives is growing at an ever increasing rate. At the core of this ongoing digital revolution is one thing: Data. While replacing your old phone or computer is about as easy as buying a new pair of shoes, the one thing that is impossible to replace is data. Whether it is baby pictures of your children, the college thesis you have been working on all semester, or your tax documents for your home business...these things are unreproducible in the event of hard-drive corruption, loss, or theft by hackers. While some solutions exist for the above problems, such as buying extra storage devices and managing the copies yourself or spending long amounts of time finding a quality storage provider, none will be as easy or as simple as the solutions SiaCashCoin will provide.

SiaCashCoin's primary use will be payment on our database, containing thousands of secure and cost effective storage solutions throughout the world. Your data is your most prized possession, and with SiaCashCoin you can be sure that we will treat it as such. Our fail-safe secure storage algorithms currently under development will not only revolutionize the way data is protected against prying eyes, but will also provide extra redundancy to ensure it will exist for as long as you desire. Each chunk of data secured through our platform will not only be encrypted, but will be fragmented into many parts. These parts will then be copied in their encrypted form and distributed throughout at least 2 separate data centers for safe storage.

File/Data Chunk 1: ABABABABABABABAB

File/Data Chunk 2: CDCDCDCDCDCDCDCD

Storage Center 1: AAAAAAACCCCCCCC

Storage Center 2: BBBB BBBBCCCCCCCC

Storage Center 3: BBBB BBBBDDDDDDDD

Storage Center 4: AAAAAAADDDDDDDDD

The SiaCashCoin ecosystem will bring about a revolution in the way your precious data will be stored, secured, and protected. If our uncracked SHA-256 level encryption (Which only you will ever have the key for, meaning not even SCC devs can decrypt your files) is ever broken then the hackers will only have useless fragments to work with, not the whole file. If one data center goes offline unexpectedly, then we will be able to upload your lost data instantly to a new location, making sure it will never be gone unless you want it to be. Our proprietary solution even has the option to associate your data to only a hash of the public key of your SiaCashCoin wallet, further providing a way to anonymize your online footprint. All of these features will be available on one easy to use platform where SiaCashCoin will be accepted, and we ensure the whole experience will be so simple that anyone with a computer will be able to use it. Lock in your stash of SiaCashCoin now, and get ready to experience what truly good sleep is once you can be sure that your data is in the very best hands.