

Talos: The future of decentralised healthcare

What is Talos?

Talos is our answer to an increasingly fragmented healthcare system.

Each year more strain is placed on the global healthcare systems.

In the United States John Hopkins states that medical errors are the 3rd leading cause of death right behind heart disease and cancer.

1 in 3 Americans have had their medical data compromised in leaks and hacks.

Talos is an organisation focused on providing patients with modern solutions to their healthcare needs faster and more securely than any other provider.

This begins with our Talos DMR platform.

Talos DMR (Decentralised Medical Records)

The Talos DMR gives control and ownership of sensitive health data back to the patient.

Patients have access and share their data anywhere, anytime.

By owning their data, patients can make decisions on how their data is used, who is using it and will have the ability to earn from that data.

What data gets stored?

The data that is most important to us is the hard data.

Diagnostic tests from labs such as blood tests, hormone tests, DNA sampling and even Covid testing.

This hard data will allow our system to create a baseline health profile for you and begin building a health plan for you.

How is the data secured?

All data uploads are stored in 1 of 2 ways - on our HealthChain or our PrivateChain.

Private Data Storage

Purpose:

- Your unique identifier data will be stored here (ie: Name, Date of Birth, Age, Location, etc.).
- Only you can access this data via your HealthKey. Not even the Talos development team will be able to see this data.
- Your private chain info is cryptographically linked to your info stored on the Talos HealthChain
- Access to your unique profile is granted by holding a non-transferable NFT

Non-Transferable NFT:

- Grants access to your Health Profile on the private chain.
- Requires a HealthKey to operate properly.
- This NFT stays with you and is the key to storing your data.
- You can sell/trade your HealthKey while not retaining access to your data; your data does not get sent to the new owner of the HealthKey.
- These NFTs are automatically issued anytime a HealthKey enters a new wallet.

Talos HealthChain

The purpose of this chain:

- The bulk of your health data is stored here (Diagnostic tests, wearable device data, etc.).

- All data is aggregated together. It is not possible to silo the data down to segments small enough to identify any 1 unique user.
- Aggregated data is accessible only to those holding specific HealthKey's
- not accessible to all. A HealthKey is also required to access these datasets.
- Every action taken to segment data is recorded on the blockchain, forever. Bad actors will be easily identified.

Talos HealthKey Launch

The HealthKey NFT grants access to the Talos DMR platform. It acts as the key to both the platform and your personal data. It links your private blockchain data to the semi-public blockchain enabling you to visualise your entire health profile at once.

HealthKey's will be released as collections. Each collection will give the holders varying levels of access to the Talos platform as well as rewards for holding.

Genesis 0 Collection

The Genesis 0 collection is the first release from Talos. No future HealthKey release will feature the access, or rewards that Gen 0 HealthKey's will offer.

Future Collections

Talos will continue to release collections at lower price-points and eventually the goal is to issue all HealthKey's for free.

Genesis 0 is our first collection and every collection that follows will be considered a lower tier with less access and rewards.

It's important to continue to have entry points for new users and future collections will achieve this. Our Genesis collection's structure will ensure that early adopters are not devalued over time but rather increase in value.

Conclusion

Blockchain technology has been long-touted as the saving grace for healthcare. We've yet to see practical applications of this as it is a complex problem to solve.

With the advent of NFTs and high-transaction volume blockchains these problems are solvable.

NFTs act as the gatekeeper and the profiles for users across the globe and high volume chains are showing promise of being able to support mass adoption for products that require it.

The future of healthcare is being built here. Join the revolution.