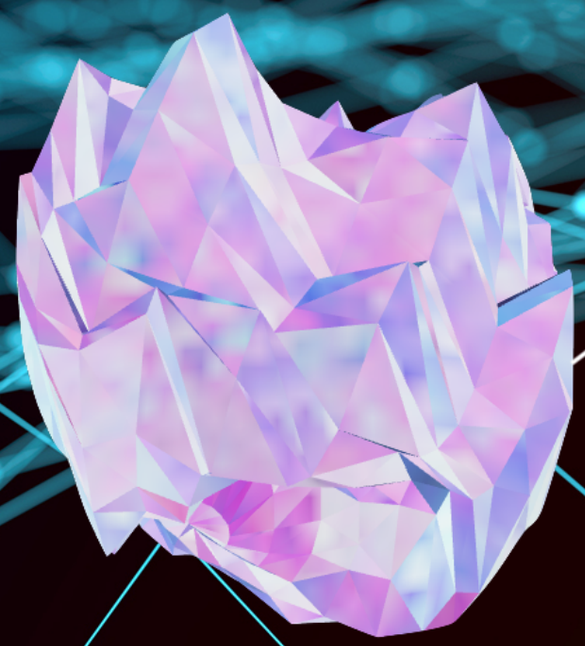
3Dpass



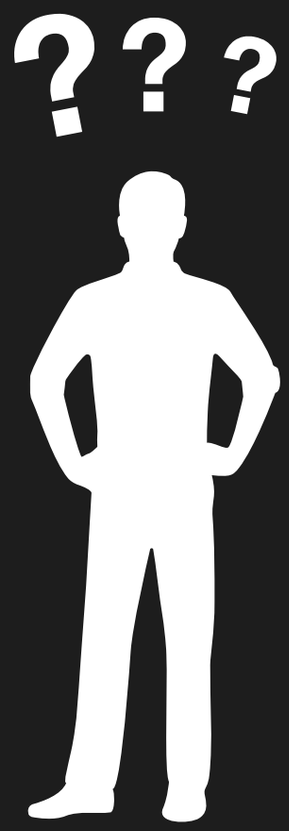
29.6 Carat

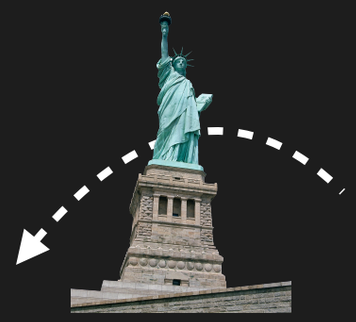
3dpass.org

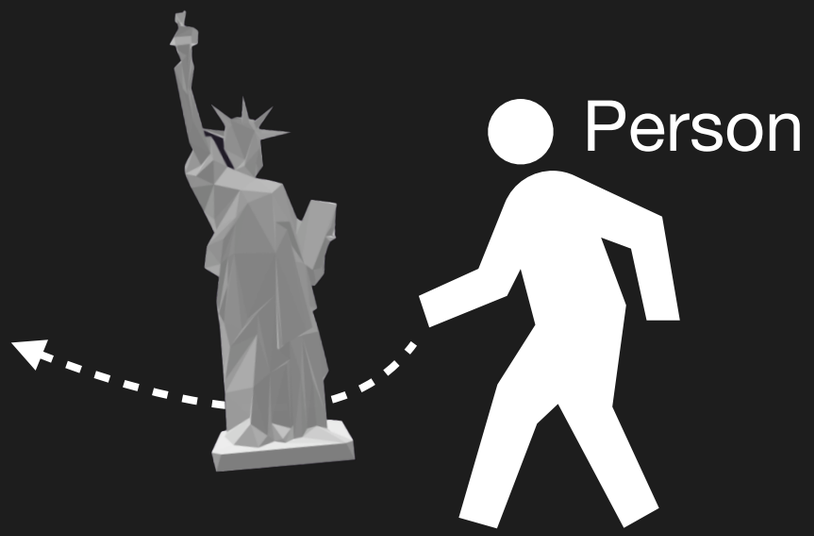
The Ledger of Things

Challenge

People do not trust the information about Real World Assets (RWA) posted on the Internet, due to the lack of identity. It is not enough for an average person to make p2p deals without a middleman.

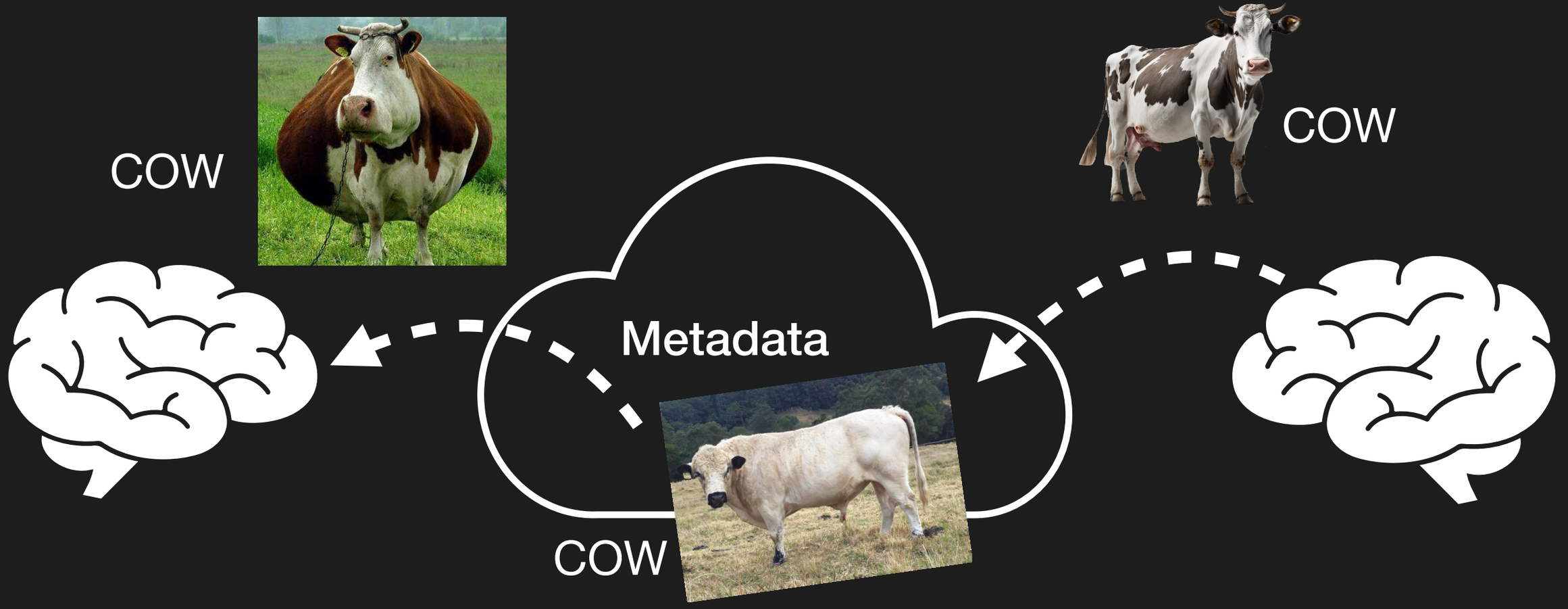






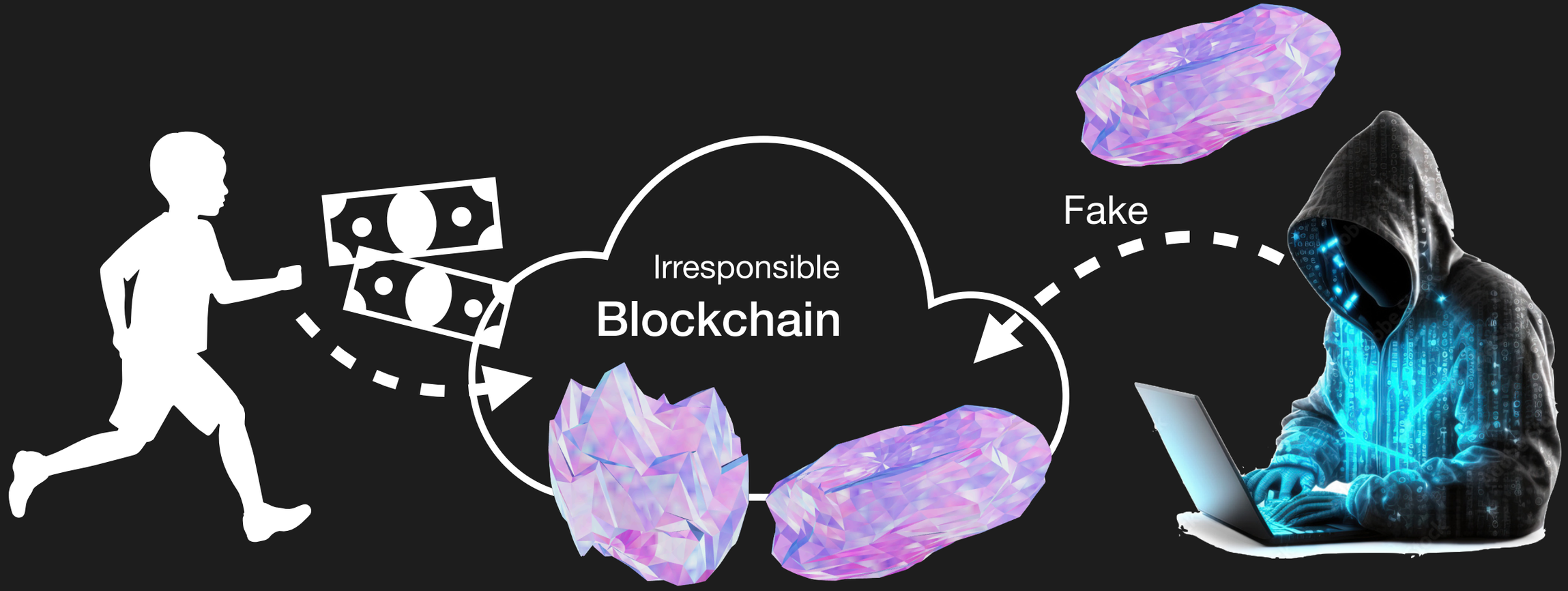
Data distortion

People create such metadata as: pictures, texts, videos, 3D models, and so forth to describe the objects. In order to identify they always need to leverage their imagination and intelligence, which both have limited capacity and no standard for.



Responsibility

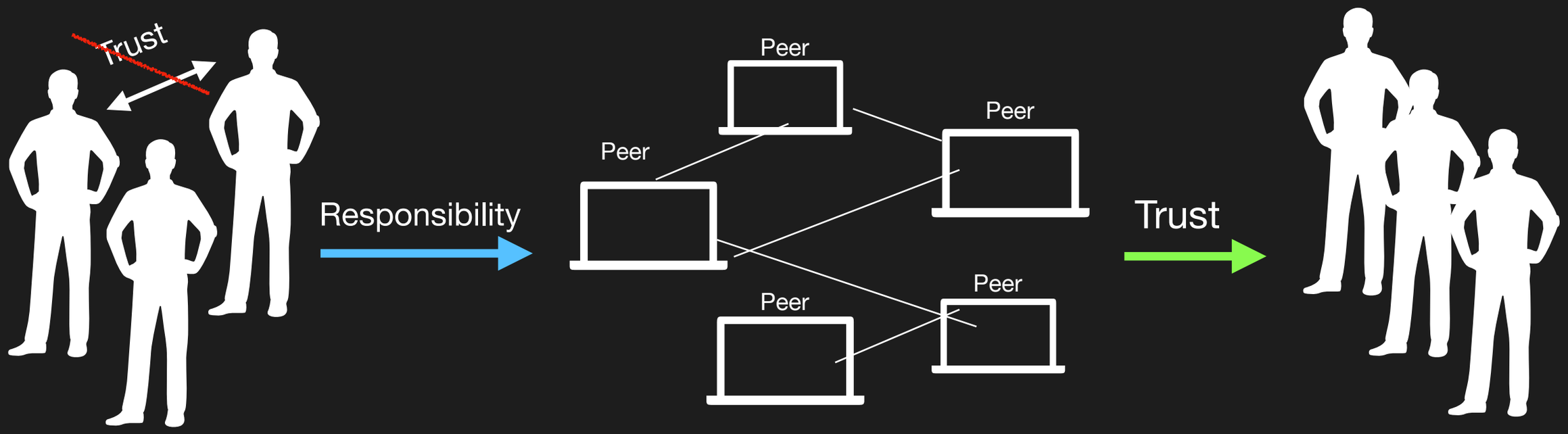
The outcome are anonymous users being the only accountable for the RWAs authenticity. Everyone is allowed to create millions of copy-cat assets with no mechanism in place preventing it to happen. Since, no responsibility is taken by anyone, no safe environment is actually provided to someone.



High-level Concept

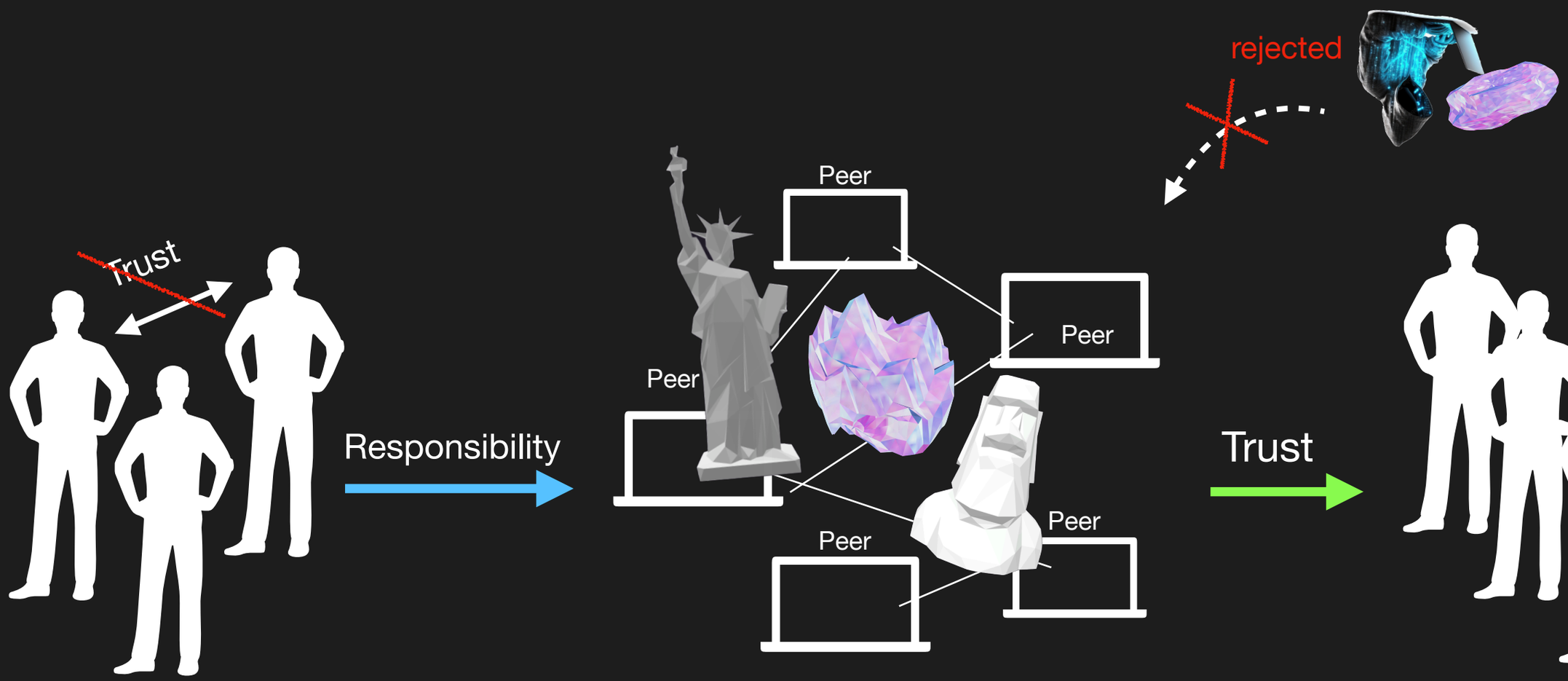
“3Dpass is like what Bitcoin meant for digital money, but for RWAs.”

It was in 2009 that Satoshi Nakamoto presented his p2p protocol, which was designed to shift responsibility for Bitcoin currency units authentication from each and every user of the monetary system to a decentralized network of trustless entities. Which created this safe environment, where the level of trust towards the system is much greater than to one another. That is what Bitcoin revolution was all about.



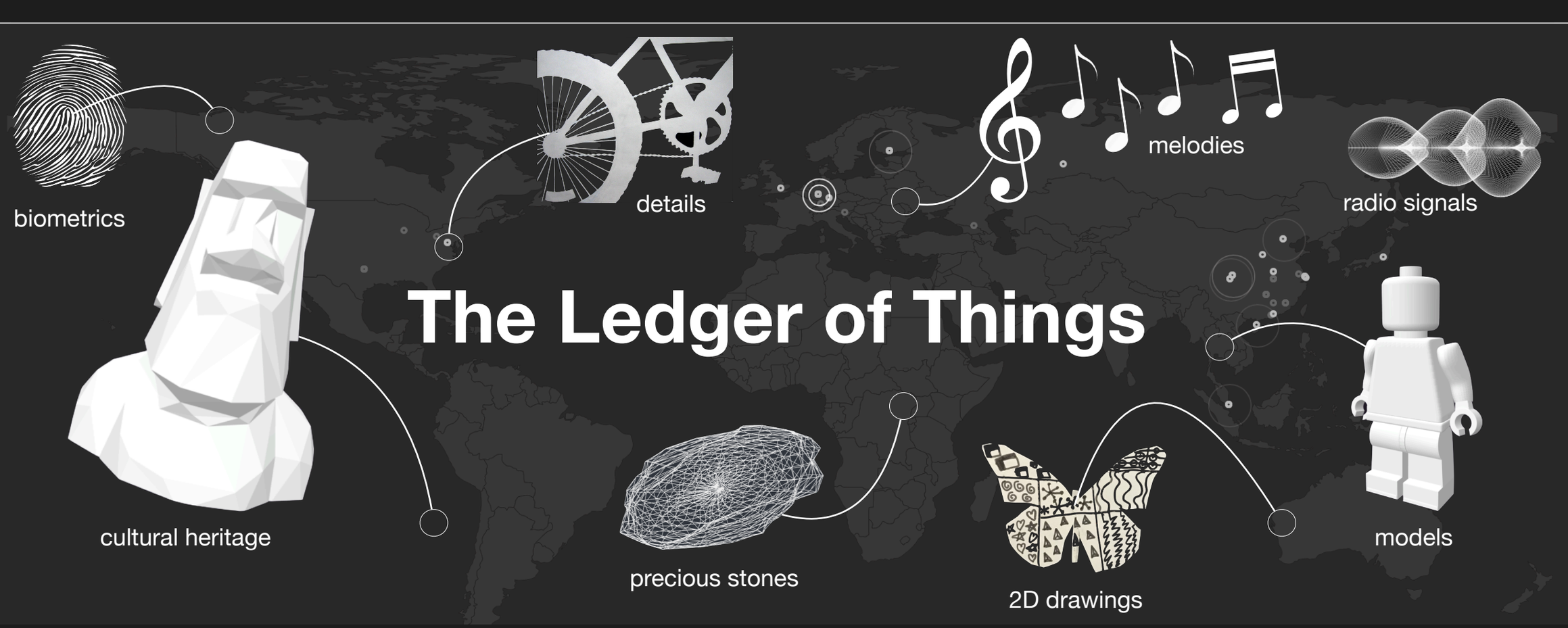
Proof of Scan

Proof of Scan is a recognition-based p2p protocol, which is designed to shift responsibility for the user RWAs authenticity to a decentralized network of trustless entities. That is what 3DPass revolution is all about.



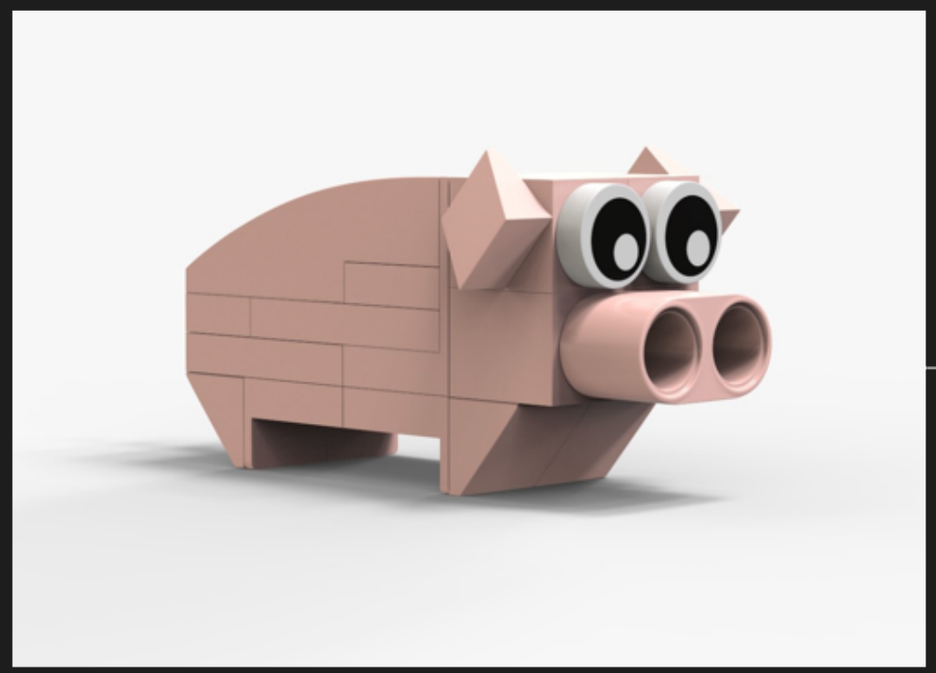
Platform

The Ledger of Things (LoT) is a revolutionary open-source Layer 1 blockchain platform for the tokenization of objects. Proof of Scan is a decentralized protocol, which is based on recognition technology. This will prevent the copying of digital assets and thus open a door for the entire blockchain space to potentially trillions in deals all over the globe.



1 object = 1 asset

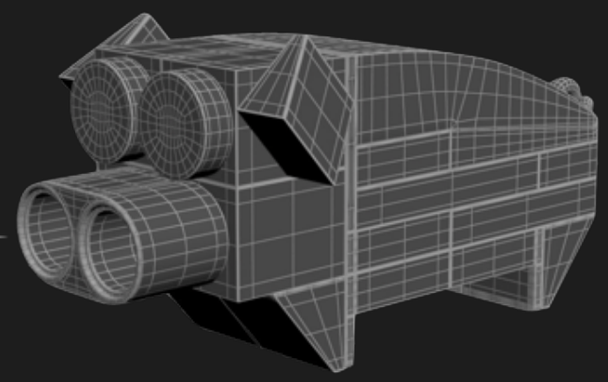
Real



Virtual

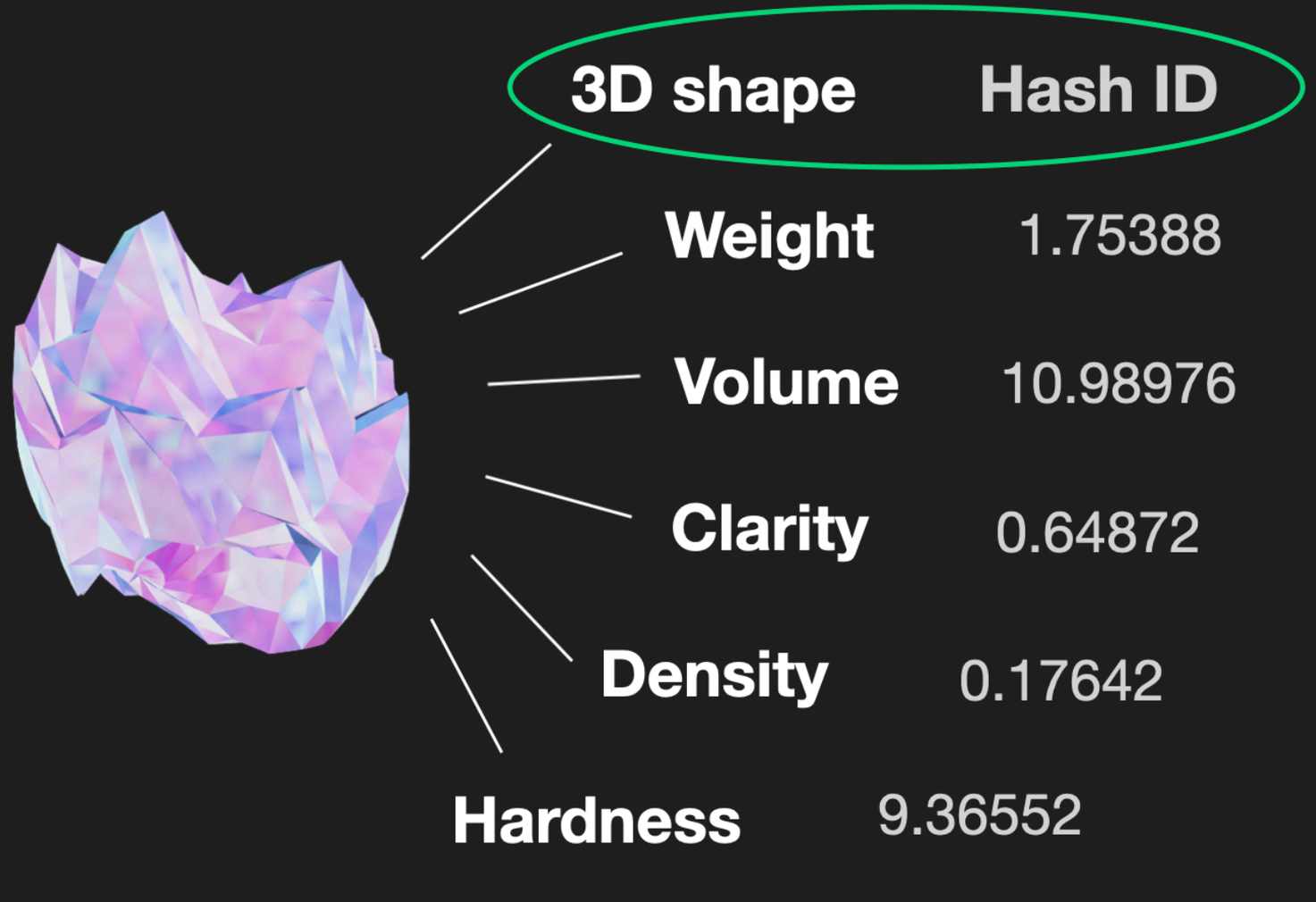
HASH ID

0x415ce4550fac6
34f39c2299a89f8
fcb86b2be07957f
b35619fb467fb53
6529f5



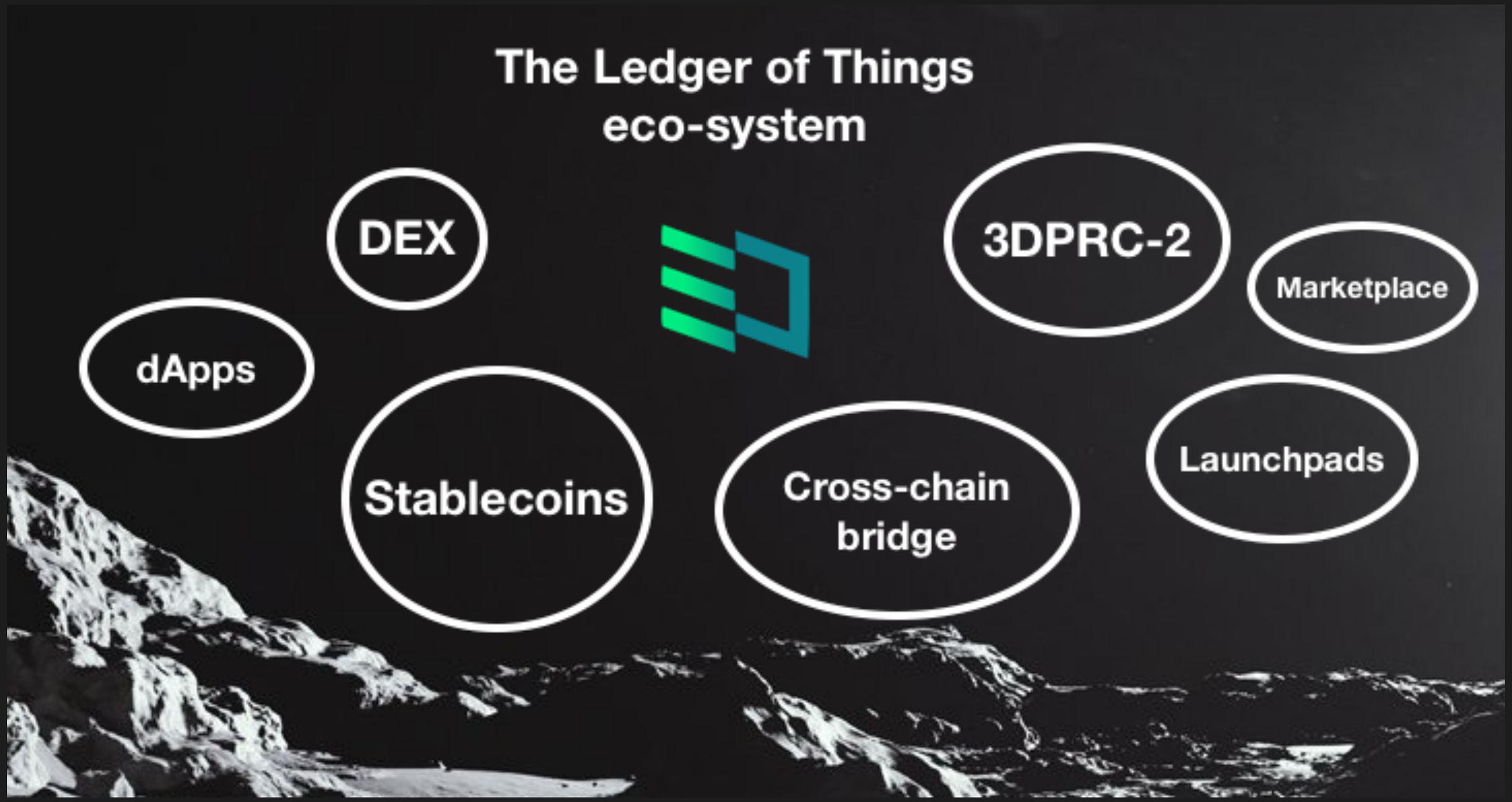
Digital Transformation

The LoT captures unique characteristics of Real World Assets instead of hashing just texts and files. Explore this case to study to find out how the Hash ID works comparing to any regular hashing function.



Ecosystem

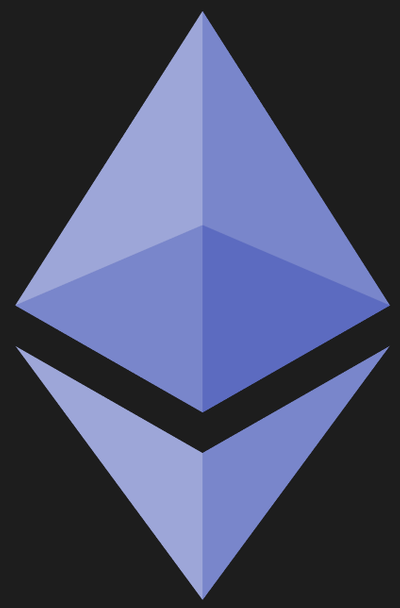
The LoT provides dApp developers and creators with accomplished eco-system for the tokenization of real world and virtual assets.



3DPRC-2

3DPRC-2 token standard ensures property rights definition and provides the asset copy protection, which creates this one-to-one link between the object and its share-token. It also protects the owners from potential over-issuance of tokens. Maximum supply is limited to the object property value.

VS

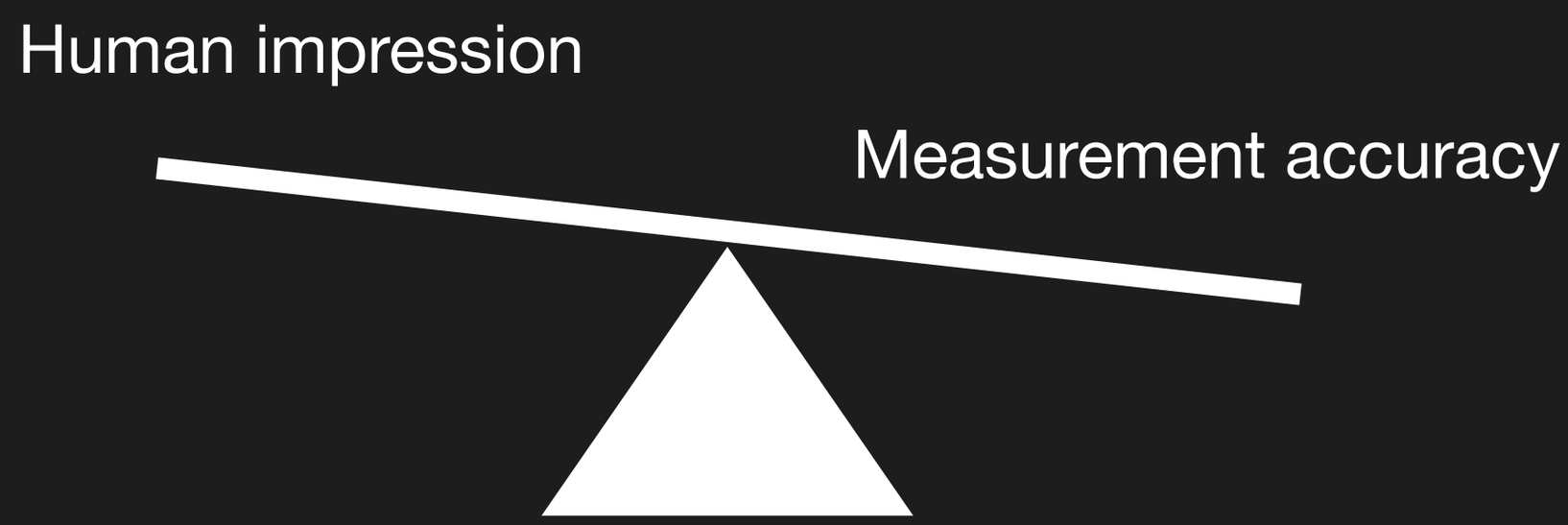


3DPRC-2 ERC-1155

AI assistant

3Dpass AI assistant feature is an extension to the recognition toolkit, which will provide additional balance by getting every object on the LoT tagged with a human impression about it. The impression is an answer to the question “What does the object look like/sound/feel like?”, which is extremely worthwhile, especially, when it comes to dealing with any piece of art.

Deterministic recognition algorithms (ex. Grid2d) are useful at handling of certain kinds of objects like precious stones, where measurement accuracy prevails over human perception. For instance, cut diamonds are indistinguishable amongst each other with the naked eye.



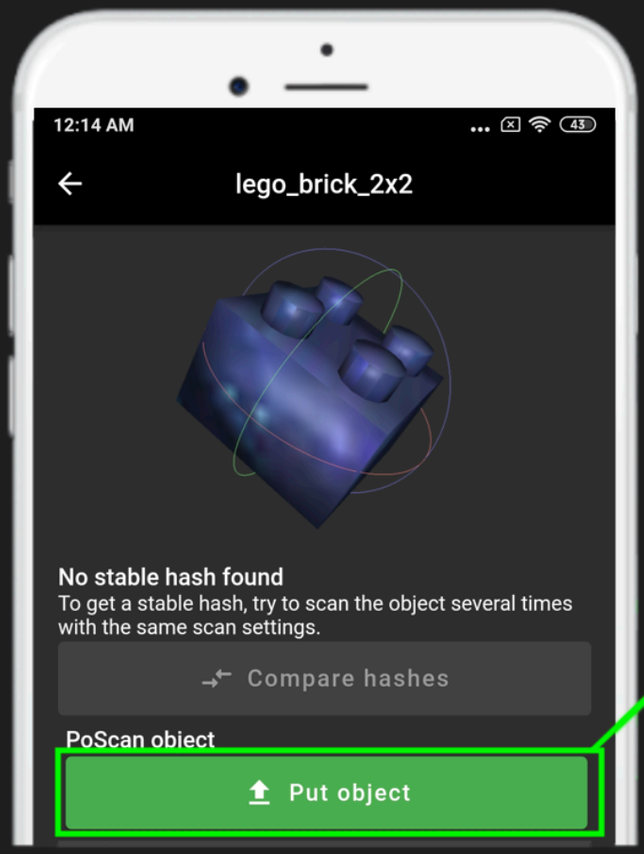
3Dpass vs Ethereum

Smart Contracts	Yes	Yes
Recognition	Yes	NO
Storage	Yes	Yes
Deterministic finality	Yes	NO
Assets copy protection	Yes	NO
Regular fungible assets	Yes	Yes
Regular NFT	Yes	Yes
Open Governance	Yes	NO
DEX	Yes	Yes
Atomic swap	Yes	Yes
AI assistant	Yes	NO
Consensus	PoW + PoA	PoS

Mobile

3Dpass mobile wallet is a powerful tool equipped with recognition technology. Not only is it capable of standard operations like a simple P3D transfer, but also such aspects as:

- the object tokenization,
- dealing with assets,
- DEX
- atomic Swaps

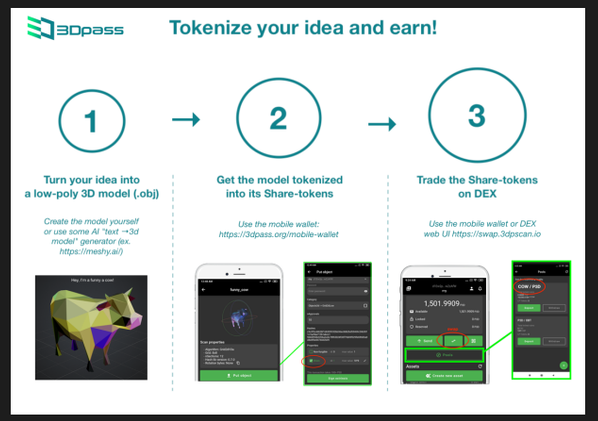


Additional characteristics:

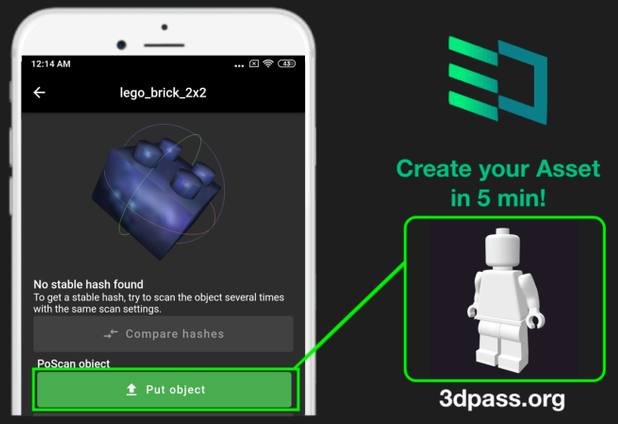
- Stand alone app
- Open-source
- Non-custodial
- No middleman

Use-cases

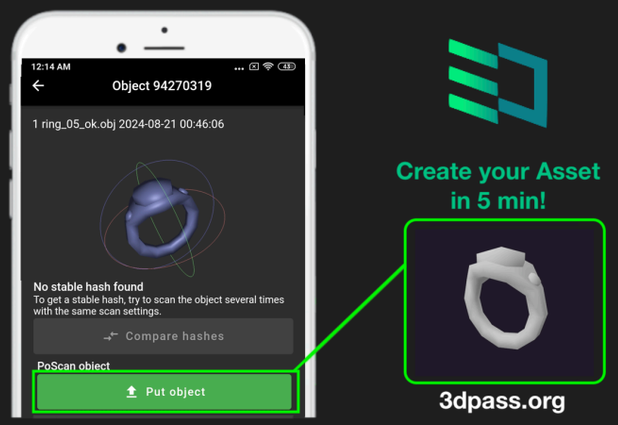
Play-to-Earn game:
“Tokenize your ideas and earn”



Pre-manufactured models:
“LEGO models open marketplace”



Jewelry: “3D Jewelry open marketplace”



P3D

P3D is a native utility token operating within The Ledger of Things to facilitate on its use and encourage the efforts of the network maintainers (Block authors and Vaildators) providing resources and equipment for 3DPRC-2 standard to operate.

The smallest indivisible unit of account in 3Dpass is Crumb. 1 P3D is equal to 1e12 Crumb, which is defined be the network genesis spec mainnetSpecRaw.json.

- Crumb: 0.000000000001
- MicroP3D (uP3D): 0.000001000000
- MilliP3D (mP3D): 0.001000000000
- P3D: 1.000000000000

Distribution | Roadmap | Specification

Links

- Website: https://3dpass.org
- GitHub: https://github.com/3dpass
- White Paper: https://3dpass.org/3DPass_white_paper.pdf
- Web3 wallet: https://wallet.3dpass.org
- Mobile wallet: https://3dpass.org/mobile-wallet
- Blockchain explorer: https://3dpscan.io
- Use-cases: https://3dpass.org/community#use-cases
- Announcement: https://bitcointalk.org/index.php?topic=5382009.0