DLC Anchor Protocol

Anchors of Authenticity

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Vision

- A new kind of marketplace with multiple images per Anchor.
- Physical objects = Artifacts, digital = Anchors, linked via NFC.
- Also suitable for securely distributing digital content.
- Access to HQ image only for owners – thanks to BIP-322 signature.
- Also suitable for cataloging (e.g. in museums).

Market Problem

- NFTs & Ordinals: Anyone can publish content.
- Ordinals spam/flood BTC-Chain with data
- Real ownership verification is often missing – wallet ≠ proof.
- High marketplace dependency (especially with NFTs).
- NFT/Ordinal wallets can be completely drained by attackers.

Our Solution: Anchors

- Digital proof of ownership via Bitcoin BIP-322.
- Stored on Arweave (not in a smart contract).
- No smart contracts → no on-chain image junk.
- HQ access only for verified owners.
- Decentralized marketplace – independent & modular.
- Multiple images or videos per Anchor possible.
- Physical Artifacts directly linkable via NFC.
- Anchors work even without platforms.
- Proof of ownership offline via DApp & signature.

Security & Ownership

- Only signed BTC wallets can decrypt HQ content.
- Custom DApp versions possible – for internal use (e.g. museums, institutions).
- Linked ownership history on Arweave – permanent & traceable.
- Digital works are protected through encrypted PNGs.

How it Works

- 1. Artist creates artifact (physically, e.g. with NFC).
- 2. Anchor + encrypted HQ file are created using the DApp.
- 3. Ownership JSON + metadata + images are uploaded to Arweave.
- 4. Offers & requests are always signed – in or outside the DApp.
- 5. Payment via BTC (manual link).
- 6. The DApp checks the entered BTC TX. Once confirmed with 3 blocks on seller wallet, the new ownership is created, signed, and uploaded.

Advantages vs NFTs & Ordinals

- Multiple images or videos per Anchor.
- Anchors use Arweave as storage Layer and don't flood BTC Blockchain with data like Ordinals!
- Anchors and ownership are verified by BTC signatures and not just because they are assigned to a wallet.
- Physical objects linkable via NFC.
- No Wallet drain scam possible.
- Also usable offline/internally (e.g. museums, institutions).
- Includes cataloging & secured rights management.
- Digital content fully protected & traceable.

Target Groups

- Artists (digital & physical) wanting secure access.
- Museums & institutions for cataloging.
- Visitors get DApp info via NFC scan.
- NFT/Ordinal projects can use Anchors in parallel.
- Governments & authorities can cryptographically secure property.

Tech

- Signature: Bitcoin (SegWit) – BIP-322.
- Storage: Arweave – permanent, decentralized, censorship-resistant.
- Encryption: AES-256 – for HQ files.
- Payment in DApp: BTC directly (manual link verification).
- Marketplace payment: all currencies possible.

Monetization & Future

- 2–3 % marketplace fee per sale.
- DApp versions for museums, cities, institutions.
- API/SDK for third-party integration planned.
- Partnerships with artists & archives planned.

Growth Potential

- Local DApp operation via integrated BIP-322 verifier (offline-capable).
- Use as ownership blockchain for museums/institutions.
- Expandable to NFT/Ordinal coupling.
- Custom subsystems e.g. for states, regional archives.
- Expansion with storage/index chains – own blockchain as DLC-Anchor storage layer.

Use Cases

- Artists link physical art with digital ownership via NFC.
- Photographers can sell images without fear of screenshots.
- Cataloging of museum assets – public or internal.
- DApp supports multiple museums, regions, collections.
- NFCs for visitors with info, images or purchasing options.
- Country-wide apps managed by government or ministry.

Artist Profile & Co-Founder

- Schneck B. – Artist & visionary from Austria.
- Born 21.01.1983 – 25+ years active.

We search for:

- Tech Co-Founder
- Investor (preferably from VAE)
- Partners from art, culture & NFT/Ordinal space wanted

Contact & Demo

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