NChain

Cashless Casino

How Responsible Gaming can benefit from tokenisation

Our Asset Trade and Data Integrity products
deliver a tokenisation service
with built-in data integrity,
providing cashless solutions, security
and growth to your business.

Asset Trade

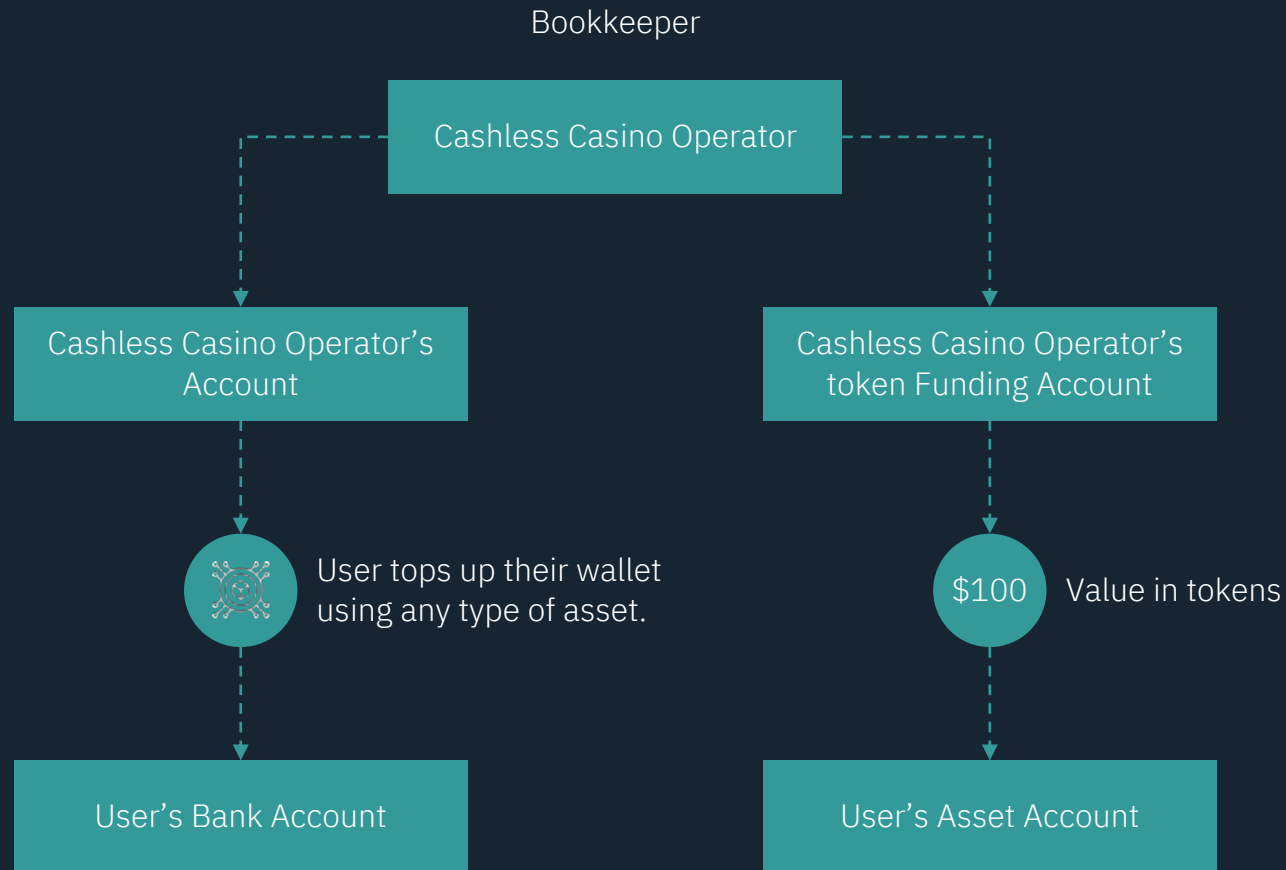Asset Trade enables new
payment infrastructure via
tokenisation

Data Integrity

Data Integrity is a platform
that ensures data adds value,
not risk.

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Bookkeeper

Cashless Casino Operator

Cashless Casino Operator's Account		Cashless Casino Operator's token Funding Account

User tops up their wallet using any type of asset.

$100 — Value in tokens

User's Bank Account		User's Asset Account

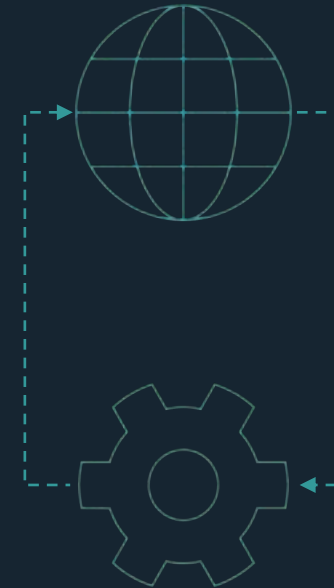## Asset Trade: A new payments infrastructure

What is it?

It is a system built to allow merchants to directly request **micro-payments from multiple users** across **multiple assets in a real-time and secure transaction**, at **low cost**.

How it works

Through a **double-entry accounting system** of records, Asset Trade enables **multi-asset, multi-book transfer instructions** to be processed and automatically settled **without counter-party risk**.

It records every proof of transaction (salted-hash) on a public blockchain.
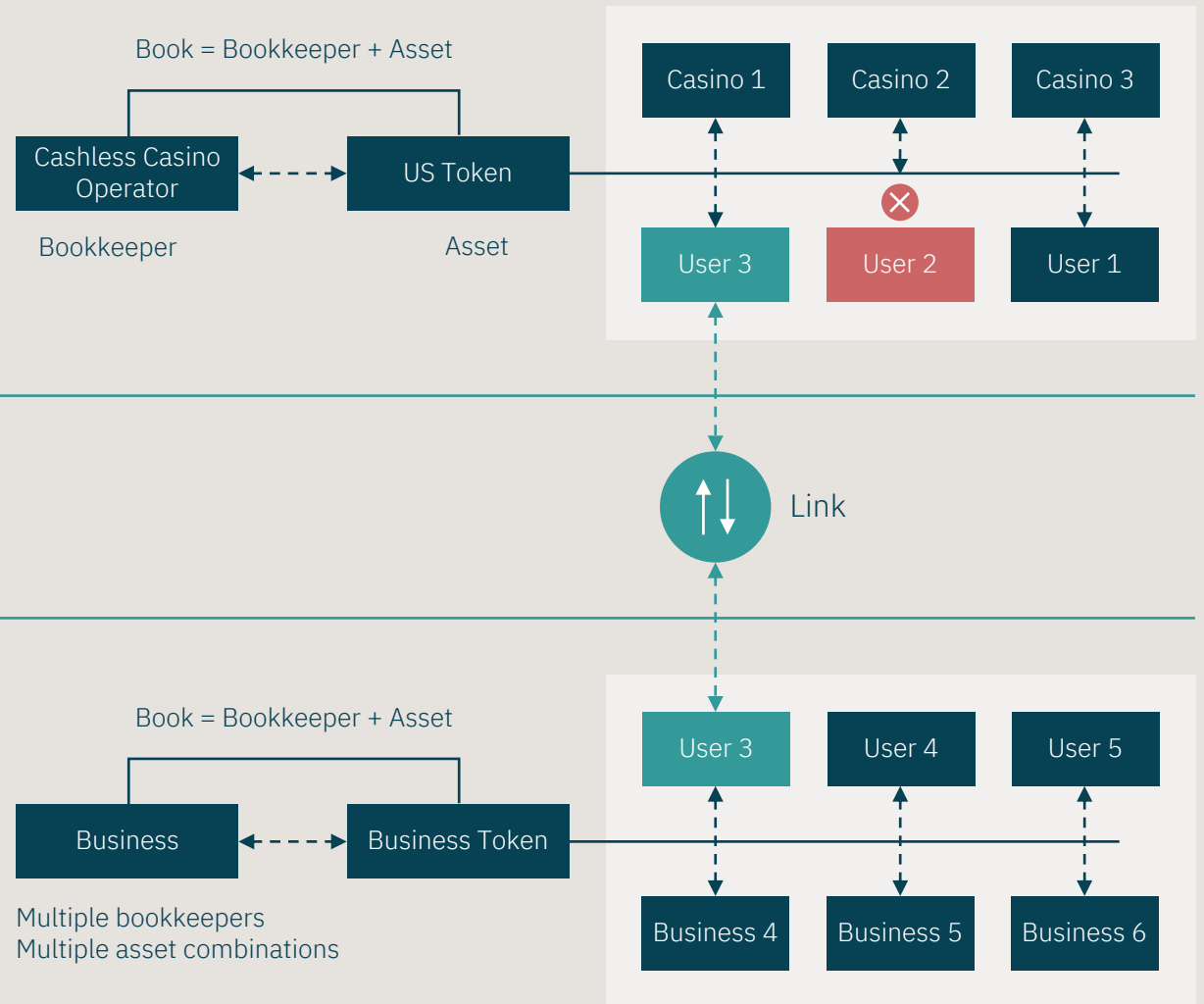
Asset Trade

Asset Trade allows bookkeepers to create and manage authorisation for each account inside books.

Each book represents a single [asset +Bookkeeper] pair. Bookkeepers can create multiple books.

Book = Bookkeeper + Asset

Cashless Casino Operator ◄ ─ ─ ─ ► US Token

Bookkeeper   Asset

Casino 1   Casino 2   Casino 3

User 3   User 2   User 1

Asset Trade creates a link between books.

Link

Asset Trade allows accounts to transfer assets between peers independently.

Asset Trade also empowers its users to pay across multiple platforms using a single integrated payment protocol.

Book = Bookkeeper + Asset

Business ◄ ─ ─ ─ ► Business Token

Multiple bookkeepers
Multiple asset combinations

User 3   User 4   User 5

Business 4   Business 5   Business 6

What it does

It manages books of accounts (asset ownership) and **coordinates transfer instructions** while ensuring the consistency across the entire book of accounts in an **auditable and tamper-resistant** way.

For Business

- ✓ Issues tokens

- ✓ Create a fully customisable payment system (credit, debit, subscription, pay per minute service etc..)

- ✓ Provide an interoperable payment process between multiple businesses

- ✓ On-chain fully auditable private record

- ✓ Provides multi-asset conversion service

- ✓ Enables low transaction fees (nano-payments)

- ✓ Unlimited capacity

For Users

- ✓ Independent payment system with multi-asset functionality

- ✓ Allows micro-payments and flexibility

- ✓ Improves user experience by providing multiple platforms under the same payment process

- ✓ Create new markets from fractionalised assets

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Benefits

Compliance Requirements:
- Historical traceability & immutable record of events
- Auditable records
- Account authorisation, verification & management

Client loyalty:
- Increased flexibility for users
- Allows micro/nano payments
- Tokenise multi-assets
- Real-time process

Low costs & ready for production:
- Transaction fees are a fraction of a cent
- Scalable & stable
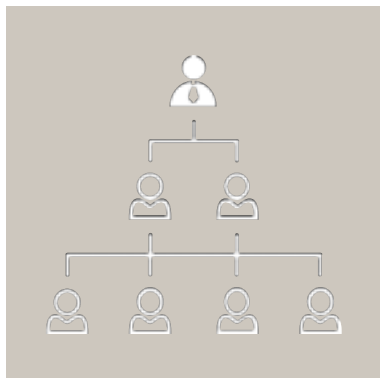- BSV performance

Standardised & globally replicable:
- Atomic asset exchange
- Scaling multi-asset markets

Tamper-evident regardless of storage option:
- Hash on a public blockchain
- Proof of Work - immutable
- Transparency
- Seamless
- BSV historical safety track-record

Use case: Enhanced payment system

1. Host your users	2. Identity management	3. Create a token	4. Allows payments or transfers using tokens	5. Record process activities on-chain

Account-based system

Asset Trade allows merchants (bookkeepers) to create and manage hierarchical structured user accounts (beneficiaries) as well as managing user's permissions and restrictions.

Verify and grant permission

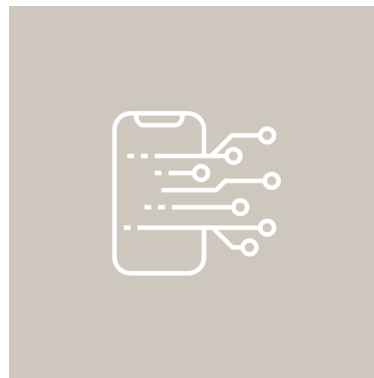Businesses can include T&Cs to be signed during the validation process.

Tokenisation

Businesses can tokenise fiat currency, like dollars or pounds, to manage internal payment.

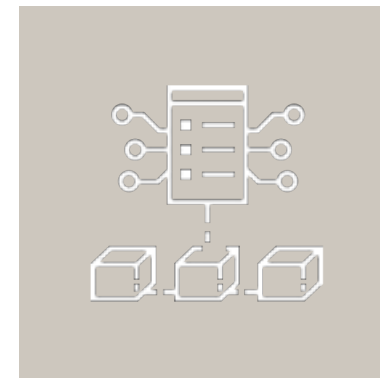Asset Trade has the capability to tokenise any asset (digital or physical).

Token payment system across multiple services

By integrating with the Asset Trade token protocol, multiple businesses can allow their users to transact, pay, buy content, products or services using tokens.

Record on-chain

Asset Trade is fully integrated with Data Integrity. This allows businesses to record every step of the process privately on-chain.

We don't store human readable format data on-chain. We hash it and store the hash on-chain.