Professional Blockchain Course

Use Cases: Real Estate

Blockchain in Rental

PROBLEM: Multiple listing services providing incomplete lists. Moreover, releasing apartment ownership or documents are not adequately defined.
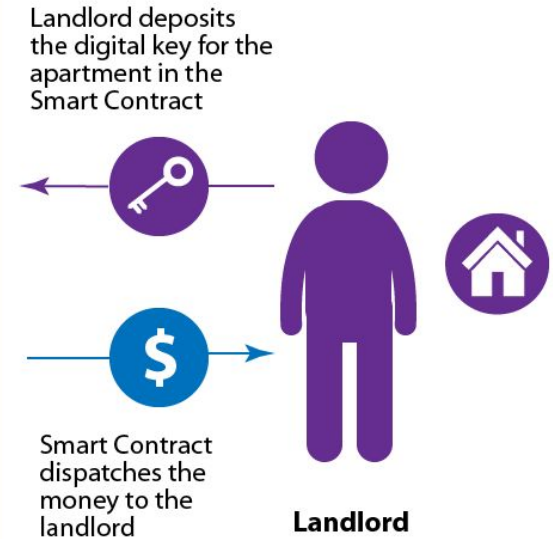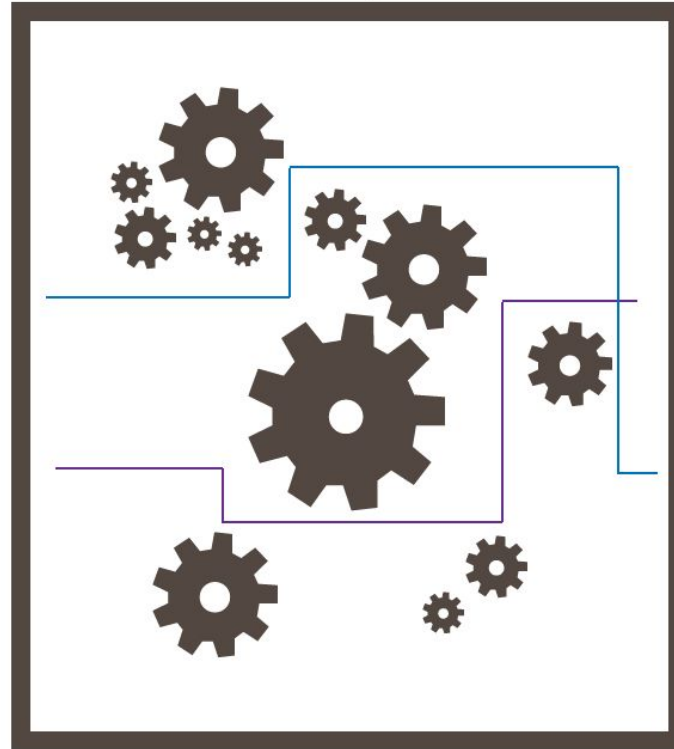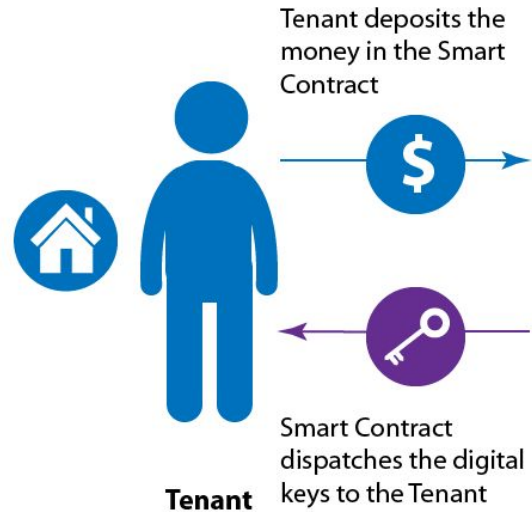
SOLUTION: A public blockchain for listing and storing the rental documents and servicing payments.

- All the rental records will be available in one place.
- All transactions and listings can be independently verified and automatically reconciled.
- The rental process will be the implemented with the help of self-executing smart contracts. Automated transactions between the tenant and the landlord eliminate the need for a real estate agent altogether.

BENEFITS:

- Negates the risk of double spending, fraud, abuse and the manipulation of transactions.
- Reduce barriers involved in complex data sharing agreements saving both the property owners and renters.

Immutable Smart contract removes the interaction with brokers, lawyers etc.

Tenant deposits the money in the Smart Contract

Smart Contract dispatches the digital keys to the Tenant

Tenant

Landlord deposits the digital key for the apartment in the Smart Contract

Smart Contract dispatches the money to the landlord

**Landlord**

Blockchain in Title Records

PROBLEM: Real property records are stored and maintained at the local government level. Deeds of trust rely on original paper documents which are exposed to corruption and natural disasters.

SOLUTION: Multiple ledger based solution where each township/county stores their land records as per their jurisdiction.

- All the records will be securely stored and instantly accessible including historical title records
- Tokens can be used over the Blockchain to transfer the ownership of the land titles.
- Micro property ownership can be utilized by using the smart contracts.

BENEFITS:

- Negates the risk of fraud, abuse and the manipulation of land records.
- Provides an entry barrier for the middle-class families to buy micro properties.
- Multiple nodes over the Blockchain prevents data loss during the time of natural disasters.
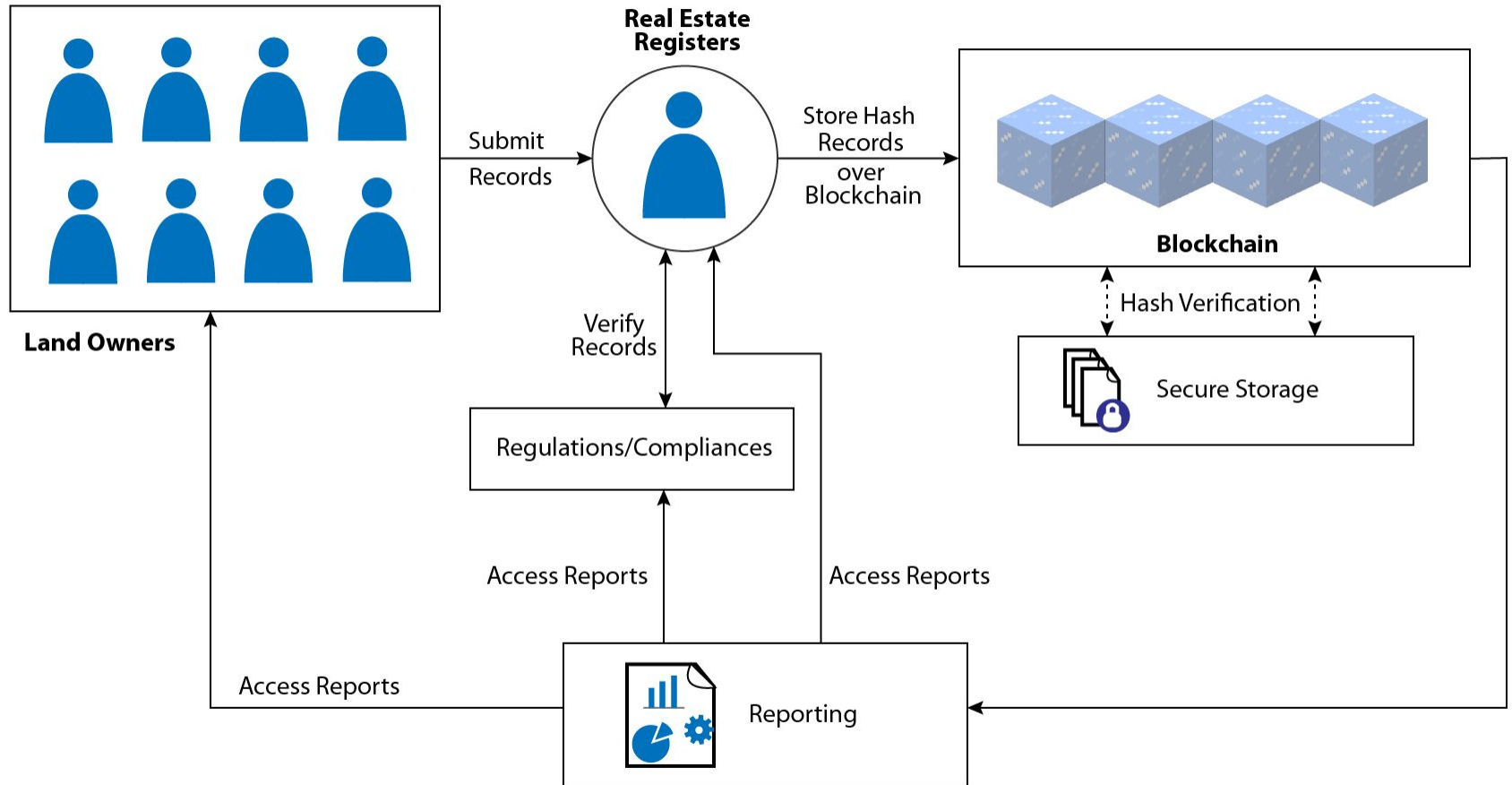
Blockchain in Regulations

PROBLEM: Regulations over the real estate are not transparent and not adequately visible to all the parties.

SOLUTION: A public blockchain for listing out regulations over the real estate.

- All the regulations are transparent to every party in the value chain.
- Regulations can be put on the ledger as a transaction and then broadcasted to all.
- Ease of transparency for considering the costs and timelines associated with regulatory cooperation and compliance.

BENEFITS:

- Transparent regulations provide an ideal suite for the all the parties involved.
- Jurisdictions will also benefit one single truth of regulatory compliances over real estate.
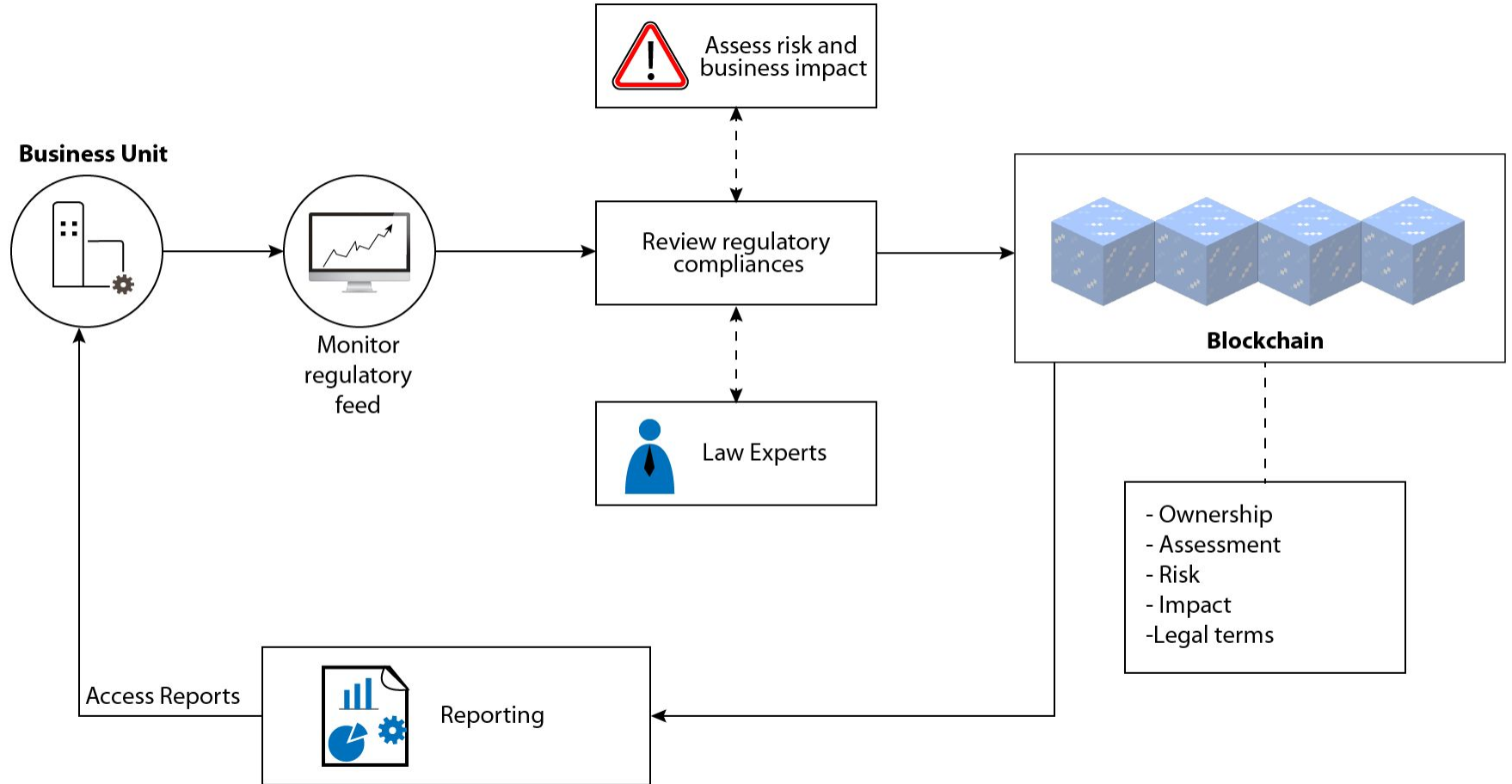
Blockchain in Liquidity

PROBLEM: Currently liquidating the real estate and transactions are not a natural process. It might take weeks to do the same.

SOLUTION: A private or public blockchain, to increase liquidity, process efficiency, and transparency.

- Tokens can be issues over the blockchain which can be used to sell or buy real estate.
- Transactions over a real estate are transparent and visible to all.
- Lenders can extend market reach through novel approaches to the securitization of tokenized debt instruments and their derivatives.

BENEFITS:

- Real-time transfer of ownership without waiting for days.
- Real Estate Investment Trusts can also be utilized by using the tokens for real estate.
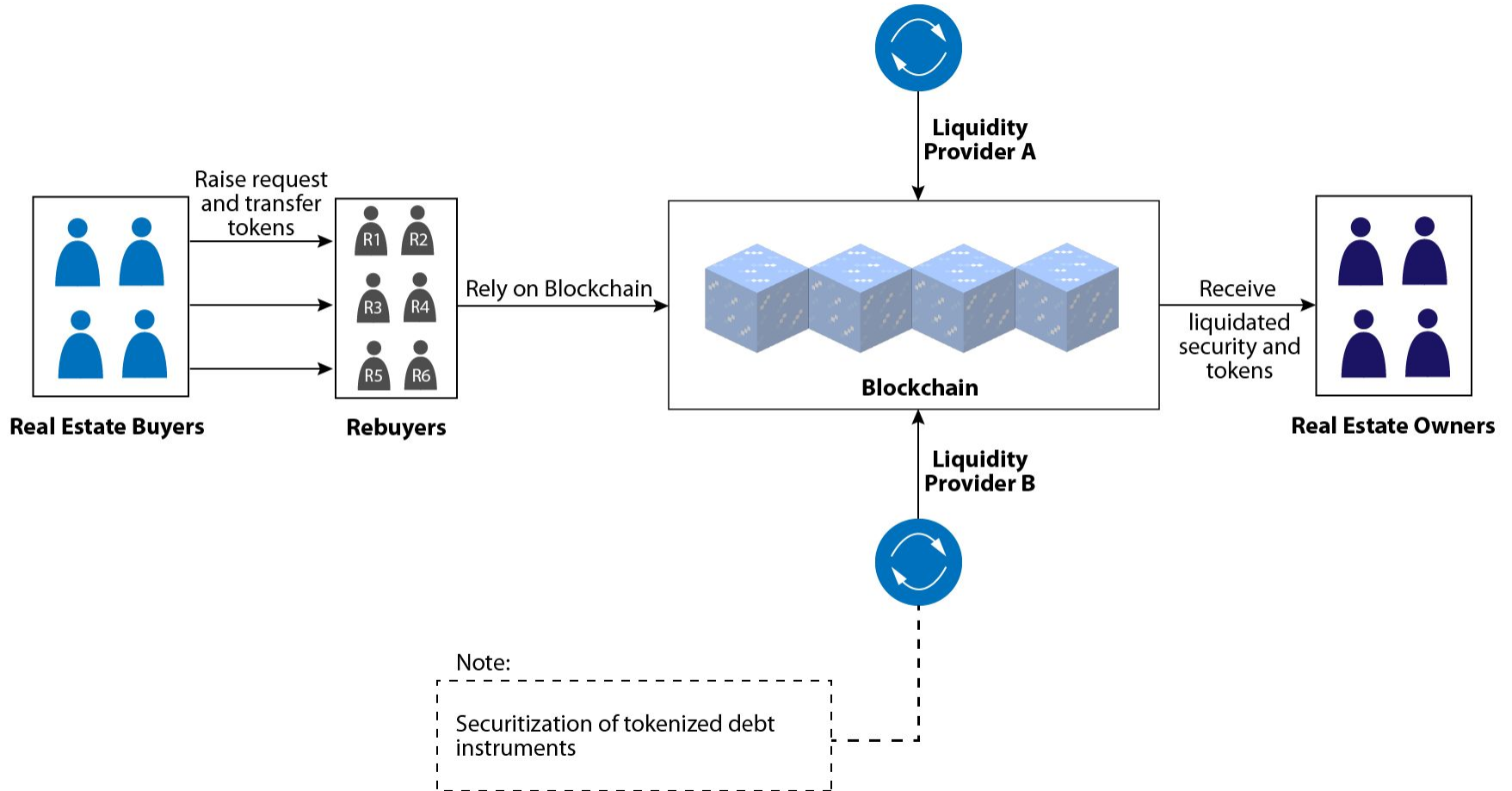
THANK YOU

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