

Reliability, transparency, and security: these are some of the main benefits of blockchain technology. Find out how you can leverage blockchain technology in your daily operations.

# Governments on the Blockchain

by Blockchain Foundry Inc.



Traditional City Permits typically involve several long and complex processes, generating significant paper trails and requiring extensive work and identity verification. Blockchain technology can make the permit application and approval process easier and safer for everyone involved.

## Permits on the Blockchain

### Blockchain Technology & You

Blockchain technology is known for its many benefits. Due to proven encryption processes and a method called “decentralized consensus”, blockchains are extremely hack-resistant. Each blockchain ledger consists of a set amount of easily tracked data “anchors”; this imbues your systems with transparency, easy validation, accountability, and fraud prevention. Blockchain technology makes managing permits simple.

### RECORD MANAGEMENT

- Permits are highly susceptible to fraud
  - ▶ *The City of San Francisco is currently suing the former president of the city's Building Inspection Commission in relation to alleged construction work done under fraudulent permits.*
- Blockchain-based permits can reduce the occurrence of fraud by linking and verifying all parties involved.

**Example:** Identity agents verify all parties involved and links all parties in a supply chain structure, responsible approval parties are publicly available, can easily be verified and tracked down.



All parties identities are registered:  
Submitter / Permit Approval Authorities  
/ Contractors / Inspection Agents



Submitter pays permit fees, sent to authority.



Permits are approved by authority and sent to contractor.



Contractor completes work and sends to Inspection agent.



Inspection agent approves final work.

### Blockchain Foundry has the Experience

At Blockchain Foundry, we use Hybrid Blockchain Technology (HBT), this technology maintains scalability of your network, and works by time-stamping and “anchoring” your data stored off-chain to the blockchain ledger. Each ledger consists of a set amount of data “anchors” stored in a decentralized fashion. We use this process in our Blockmarket Suite. Blockmarket uses “Aliases” as a way to allow our users to create their own digital identity on the blockchain.



**Blockchain Foundry can help you implement your blockchain ecosystem visions. We provide custom blockchain development, consulting, and integration solutions that will allow you to leverage blockchain technologies into your government use cases. Blockchain Foundry is here to help you build your best future. Contact us to learn more.**

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