



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.

Certification Agents 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 certificates simple.

Blockchain Foundry has a Solution

FOR GOVERNMENTS

Registering a Signing Authority



To begin, you will register a blockchain identity to act as the Identification Authority or

delegate the role to another entity. Blockchain identities lacking a signature from the signing authority will not be recognized as an official Identity Agent.

Certification Agents



Within our systems your Signing Authority can create Certification Agents. These Agents are employees who can approve citizen's certificate applications.

FOR CITIZENS

Applying For A Certificate



Citizens can apply using the mobile application or in person. The citizen receives an 'unconfirmed' certificate once all required documents are submitted, and their application is sent for review.

The Approval Process



Once submitted, the Certification Agent confirms the documentation is valid, and will 'sign' the certificate. This process 'confirms' the previously unconfirmed certificate, and shows which Certification Agent approved the certificate.

RECORD MANAGEMENT

- Certifications require a long and difficult to track paper trail.
- Reduce the occurrence of lost documents, documentation disputes, and provide everyone with a transparent, easily tracked document trail.

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.



DEVELOPMENT | CONSULTING | INTEGRATION

sales@blockchainfoundry.co www.blockchainfoundry.co