

There are several aspects to consider when starting a blockchain. We created the decision tree diagram below to assist our customers when beginning their journey.

## Considering **blockchain** for your business? Are you interested in blockchain for Bitcoin is based on blockchain, but blockchain has purposes other than cryptocurrencies such as bitcoin? YES Does your business involve the exchange of value or assets across multiple -NO----parties? YES Do you transact with multiple parties outside of your organization where trust NO----is paramount? may address your needs and not require blockchain. YES **Time**: Remove unnecessary delays required to approve an exchange To what degree do time, cost and risk **Cost**: Reduce the costs associated with transactions by play a role in these exchanges? eliminating intermediaries **Risk**: Mitigate the risk of an exchange by increasing trust across parties TYPES OF BLOCKCHAINS Who should be allowed to join your Public: Anyone can join the network blockchain network? Controlled by a single, trusted organization **Permissioned/** Managed by a group of parties with a **Consortium:** shared interest

What platform are you considering for blockchain?

Will your blockchain need to integrate with legacy systems of record?

Congratulations, you are on your way to adopting blockchain!

## WIDELY-USED PLATFORMS

**Hyperledger**: Open source consortium under the

Linux® Foundation targeting private,

enterprise blockchains

**Ethereum**: Consortium with greater focus on open

source public networks and governance

## **SoR INTEGRATION**

Many companies are taking an approach called "Shadow Blockchain" and mirroring transactions across their SoRs to the blockchain. This increases efficiency and transparency across the system.

CA is currently working with customers to identify their most pressing needs related to blockchain, from proof-of-concept to full-scale production implementations.

- Blockchain Security
- Operational Intelligence
- Identity & Certificate Management
- Auditing and Compliance
- Smart Contract Vulnerability
  Detection