

Use Cases & Do We Need Blockchain

Unlocking the power of extensible blockchains for enterprise

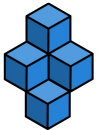
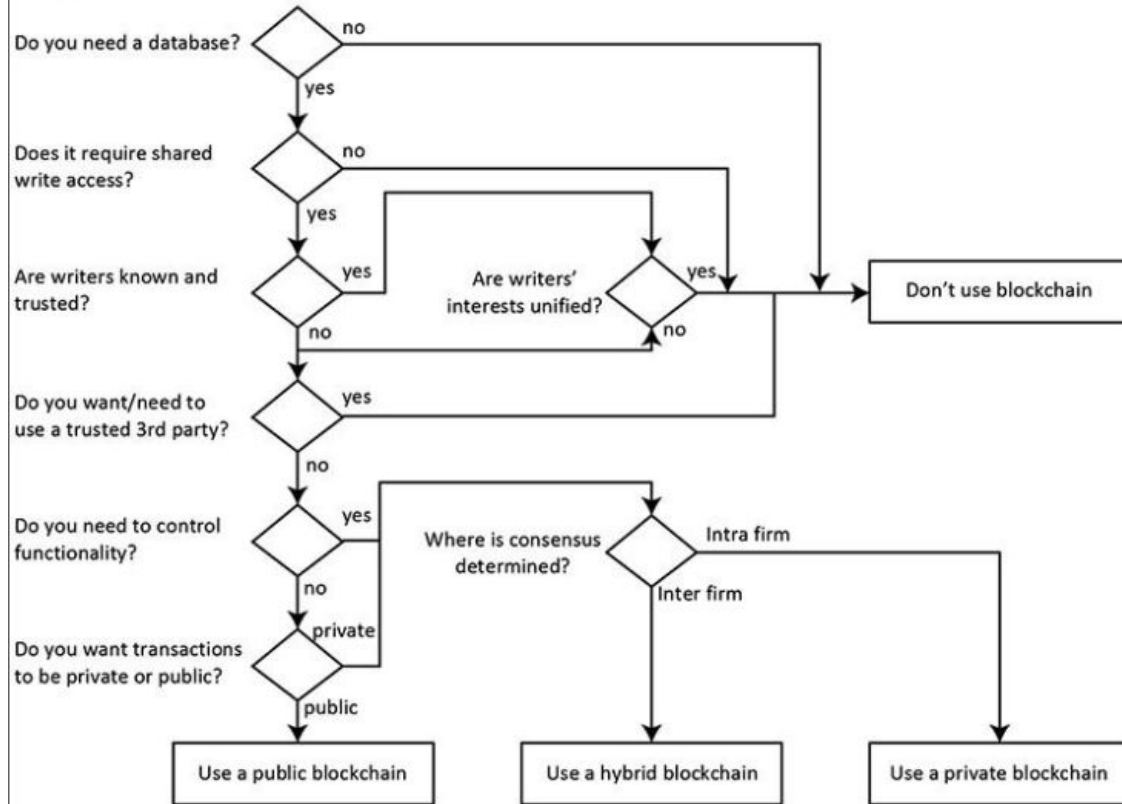
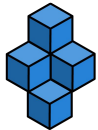


Figure 9. Blockchain Decision Flow Chart

Do you even need Blockchain?



Source: Medium



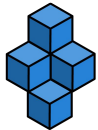
Pharmaceutical Research Collaboration

Organizations: Pharmaceutical Companies, Research Labs, Regulatory Agencies

Private Data: Detailed research data, clinical trial results.

Shared Data: General study progress, regulatory compliance statuses.

Network Setup: Each entity runs a peer, with the orderer managed by a Regulatory Agency.



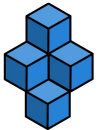
Clinical Trial Data Management

Organizations: Pharmaceutical Companies, Research Institutions, Regulatory Bodies

Private Data: Individual patient data, detailed trial results.

Shared Data: Trial progress updates, regulatory compliance statuses.

Network Setup: Each entity runs a peer, with the orderer managed by a central health authority.



Luxury Fashion Authenticity Verification

Organizations: Fashion Designers, Retailers, Certification Bodies

Private Data: Design and manufacturing details.

Shared Data: Authentication certificates, product origins.

Network Setup: Peers for each organization, with a fashion industry body running the orderer.



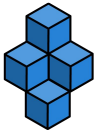
High-Value Art Transactions

Organizations: Art Galleries, Auction Houses, Art Appraisers International art federation or council

Private Data: Detailed ownership history, confidential valuation reports.

Shared Data: Artwork authenticity, public auction results.

Network Setup: Art Galleries, Auction Houses, Art Appraisers running peers; international art federation or council manages orderer.



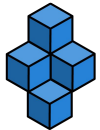
Cross-Border Trade Facilitation

Organizations: Exporters, Importers, Customs Authorities each with a peer

Private Data: Contract specifics, sensitive shipment data.

Shared Data: Customs declarations, trade statistics.

Network Setup: Peers for each entity; international trade body or customs authority manages the orderer along with their peers.



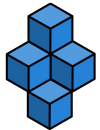
Chemical Industry Compliance Tracking

Organizations: Chemical Manufacturers, Distributors, Environmental Agencies

Private Data: Production formulas, internal safety audits.

Shared Data: Compliance certifications, safety data sheets.

Network Setup: Peers for each entity, with an industry-specific regulatory body managing the orderer.

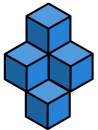


Do You Need Blockchain?

[Decision Models](#)

[Questionnaire - EOS](#)

[Need for Blockchain - WEF](#)

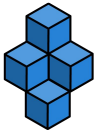


Where to Find Dapps!

<https://dappradar.com/>

<https://dapp.review/>

<https://www.hyperledger.org/learn/use-case-tracker>



Thank You :)

