

# Blockchain-based Inventory Management with Hyperledger Fabric

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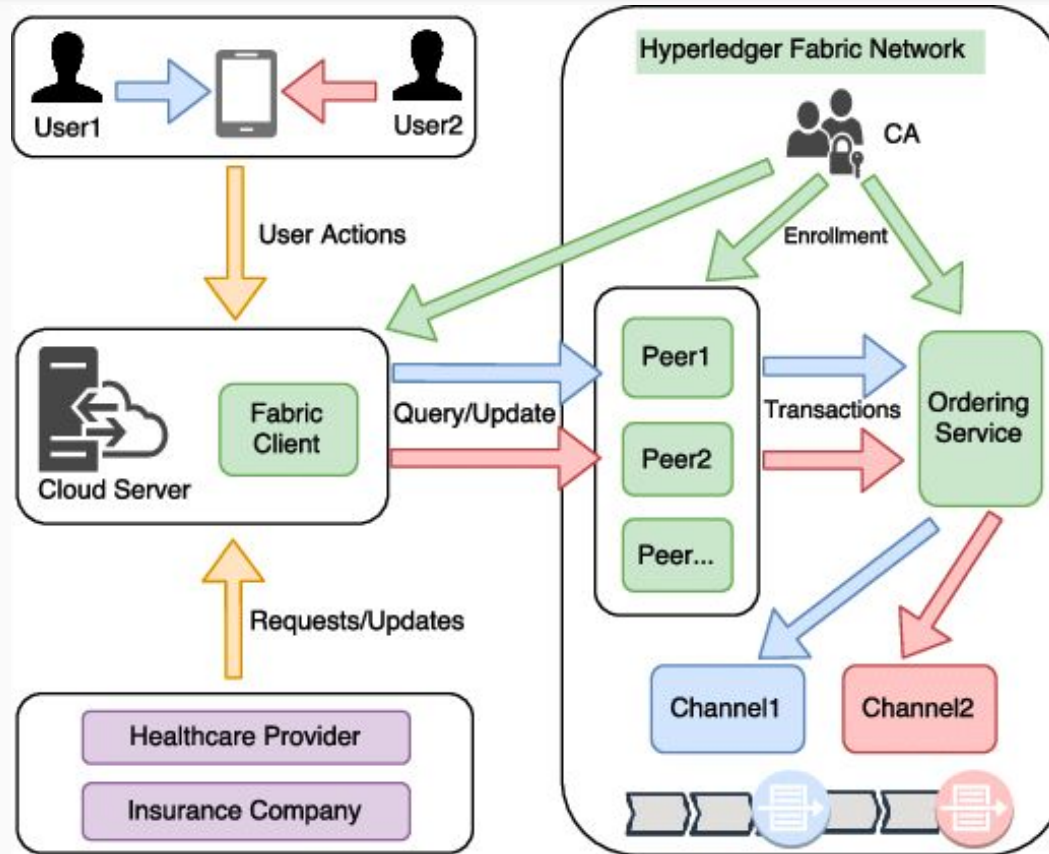
## About Hyperledger project

- Open source project created and hosted by Linux Foundation since 2015
- Aims at advancing and promoting cross-industry blockchain technologies to ensure accountability, transparency, and trust among business partners

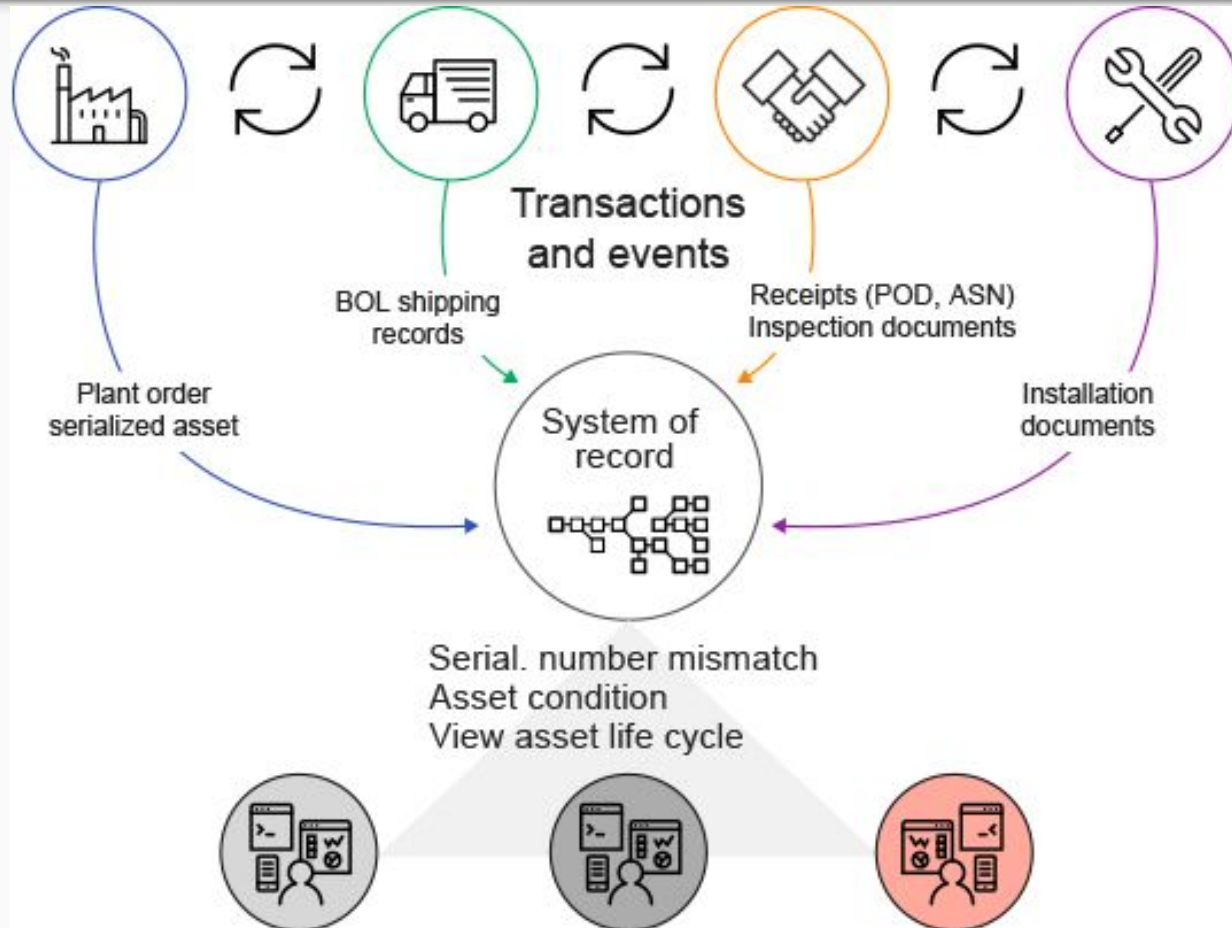
# Distributed Ledger and Blockchain

- A distributed ledger is a type of data structure which resides across multiple computer devices.
- Containing of 3 basic components:
  - A data model that captures the current state of the ledger.
  - A language of transactions that changes the ledger state.
  - A protocol used to build consensus among participants around which transactions will be accepted, and in what order, by the ledger.
- Blockchain is actually a specific form or subset of distributed ledger technologies

# Hyperledger Fabric



# How Inventory Management could benefit from blockchain?



## Progress and achievement

- Basic understanding of Fabric components
- Bootstrap the basic components

It's still a long way to  
go...

# Thanks!

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