Blockchain

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We grow with you

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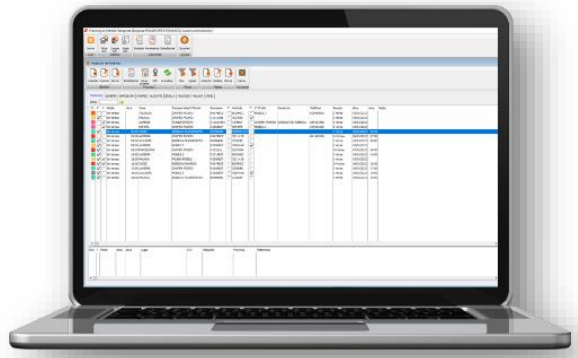
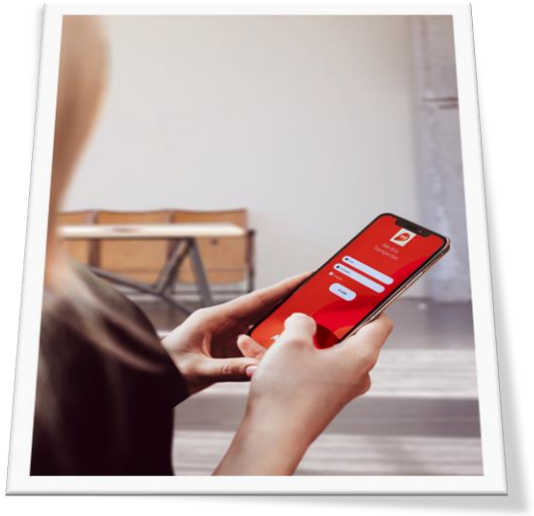
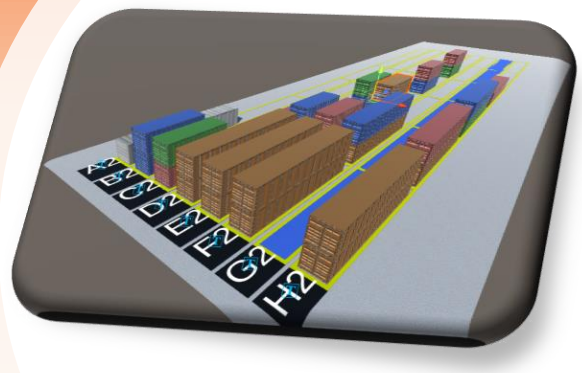
What do we do?







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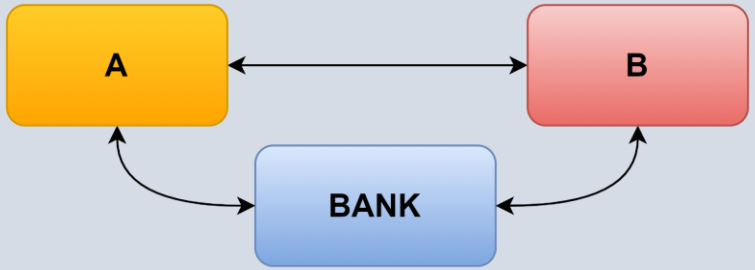
Introduction

In business :

In a bank transaction we find three contracts and

a third party of trust.



Information and merchandise travel together.

What are trusted third parties?

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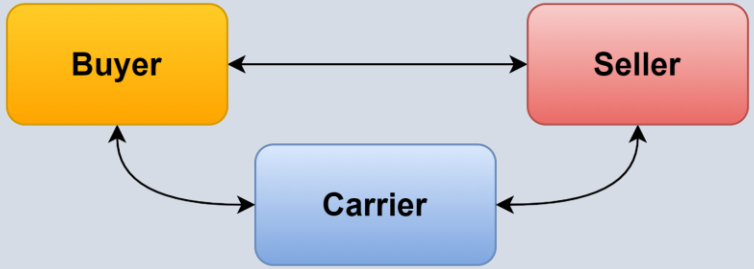
Introduction

In business :

In an exchange of goods, basic, we find again three contracts :



Information and merchandise do ***not*** travel together,

therefore, subject to possible imperfections.

Three computer systems are replicating the same information.

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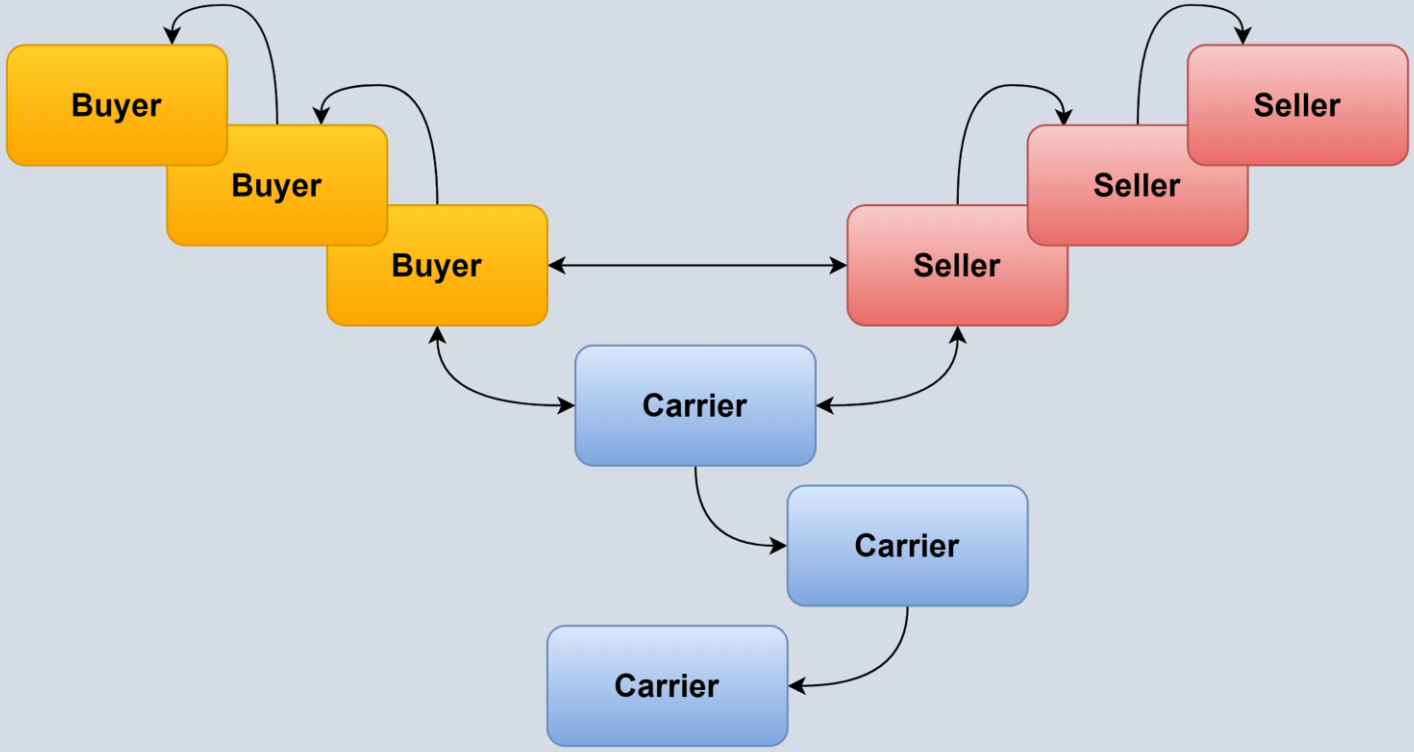
Introduction

In business :

In a complex exchange of goods, we can find many contracts :



Multiple computer systems are replicating the same information.

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Introduction

Solution 1: Marketplace

Multiple contracts are hosted in the same computer system.

The third part of trust for everyone is ***Meribia***.

Multiple contracts can happen in the same system achieving :

- Transparency
- Immutability
- Centralization

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Solution 2: Contracts without a trusted third party.

Smart contracts using Blockchain, with which to achieve :

Autonomous, anonymous, decentralized and open transaction coordination by distributing the encrypted transaction ledger to all nodes.

All contracts are hosted in multiple computer systems.

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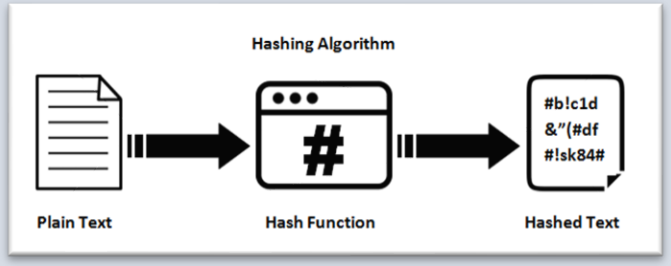

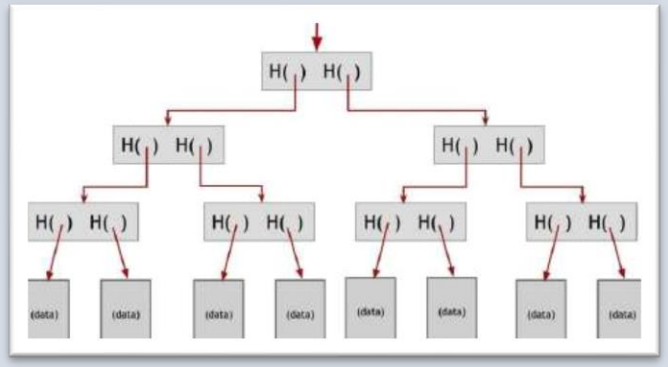

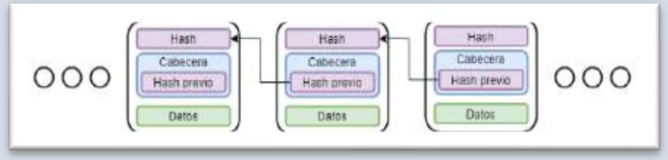

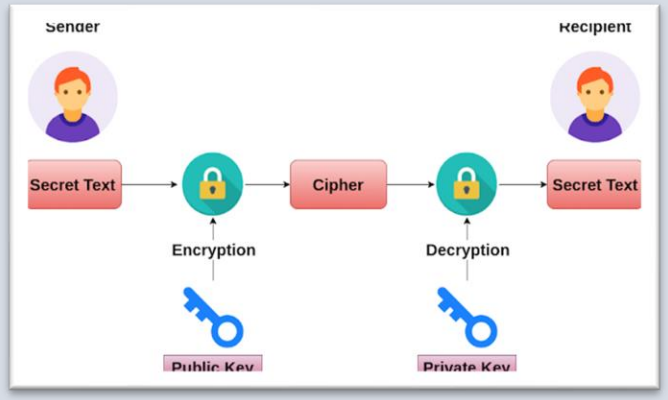

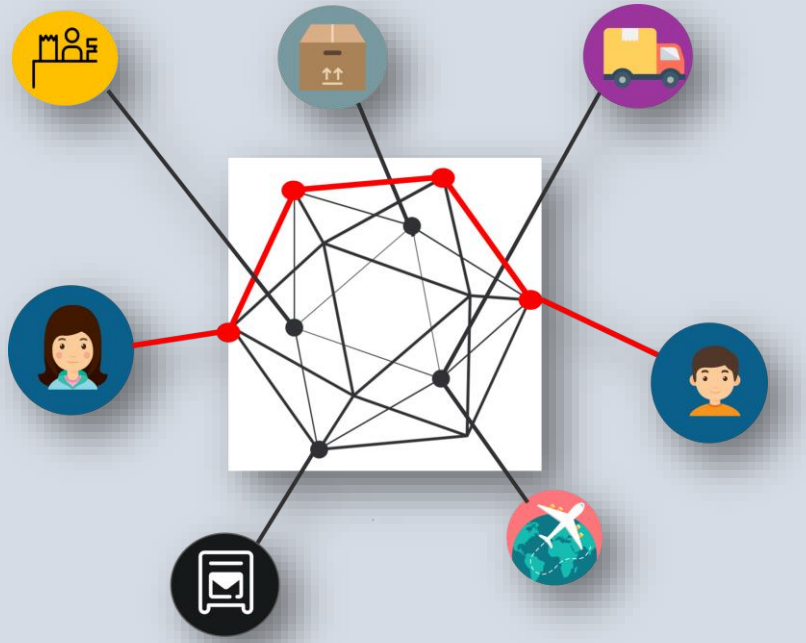

What is needed?

Cryptography

Merkle trees

Miners

Certificates

Consensus

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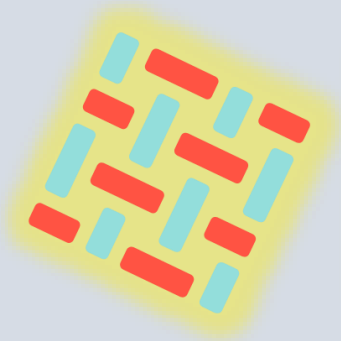

HYPERLEDGER
FABRIC

What does it provide?

Peer + Orderer + Agreement + Channel + C.A. + D.B.

How is it deployed?

Red

Certificates

Channel

Nodes

Tests

Organizations.

Contract.

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The hidden face

What is recorded in a Blockchain can no longer be changed and therefore, will it be correct?

True or ***false***?

The data entered in a Blockchain

can they be changed later?

True or false?

Does blockchain allow cooperation between parties in the chain that don't trust each other?

True or ***false***?

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Conclusions

1. Usefulness is questionable.

2. Can be used as a control instrument

3. Its use can generate inequalities between members.

- Thank you

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