



# Clear Blockchain Technologies Friction Free Business

Jan 2019, presentation for PTC

# Trade Grids

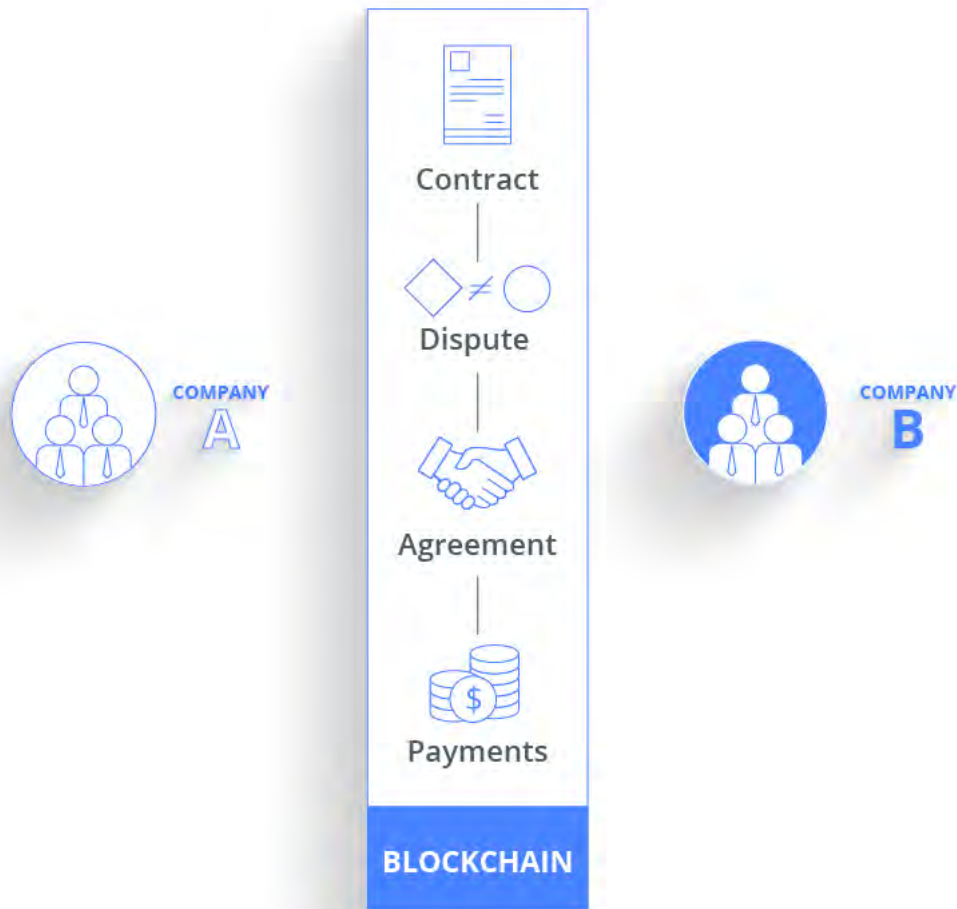
## Everything is on Demand

Data remains private, but  
can be shared as needed to  
allow decentralized trade

B2B contracts are executed  
automatically according to  
data, post-trade is seamless  
and **friction free**







FAST  
EFFICIENT  
FLEXIBLE

# Centralized

Automated settlement  
Payment enforcement

May be biased

Central point a security risk

Holds all sensitive info

Removes flexibility

Locked in

# Decentralized

Automated settlement  
Guaranteed payment

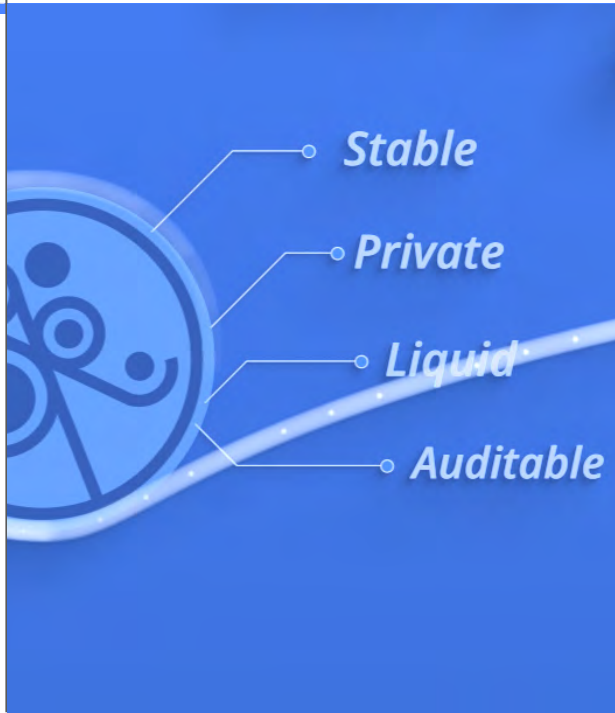
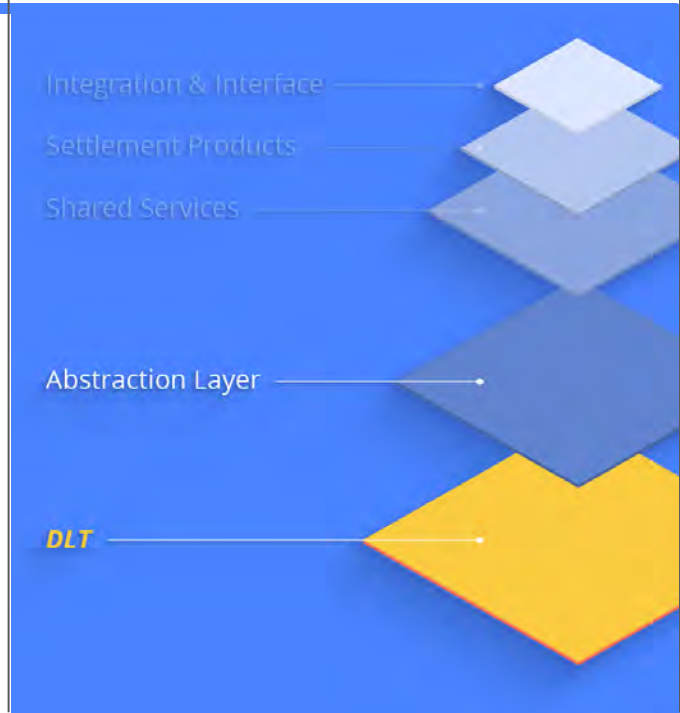
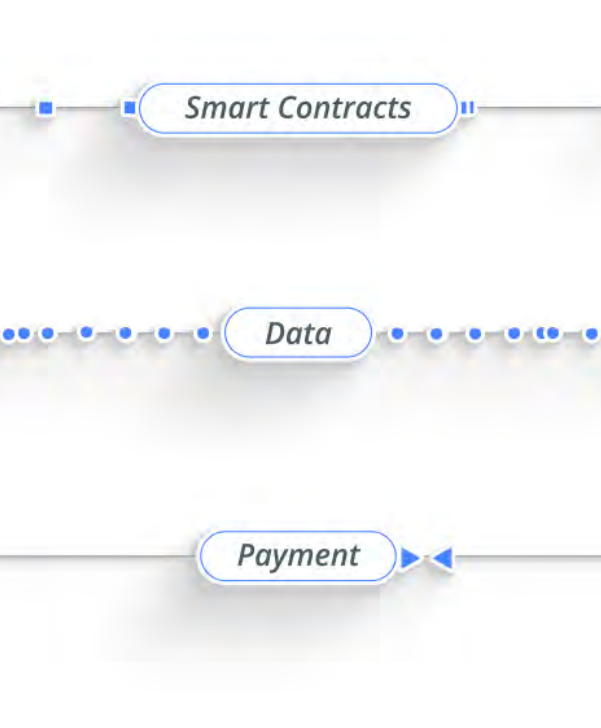
Neutral

No central point

Data stored with bilateral partners only

Programmable grid for co-innovation

Open, Shared Network







# GREATER EFFICIENCY

Personal Cost

Delayed Payments

Disputes

Money transfers & FX

3<sup>rd</sup> Party Clearing





# ELIMINATE FRAUD

**SIMBox & Bypass**

**Hijacking**

**Spoofing (IP or CLI/ANI)**





**NEW BUSINESS  
MODELS**



Tencent 腾讯

facebook

Google

TESLA

# PRODUCTIZED CONNECTIVITY

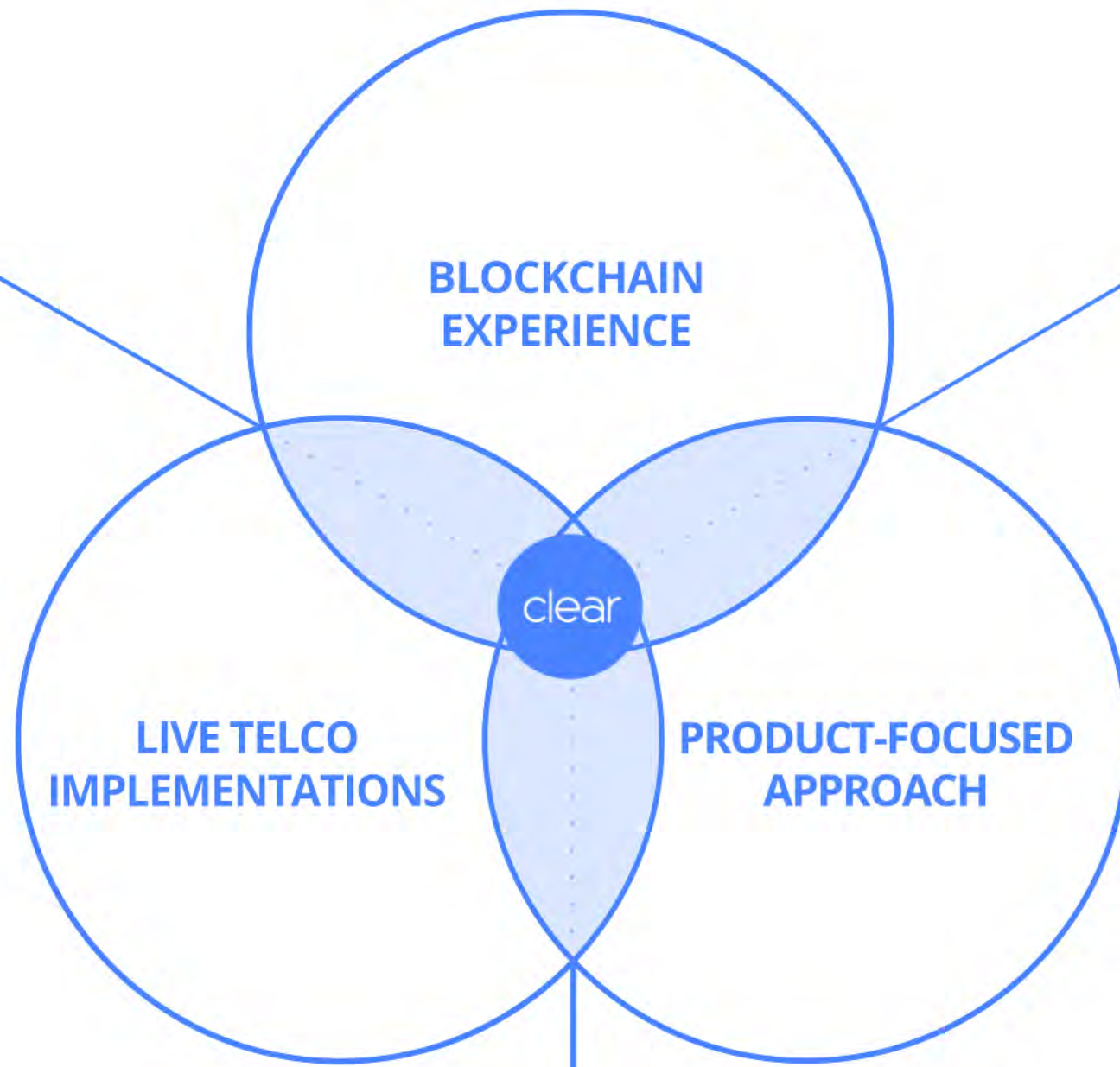
amazon

UBER

magic  
leap







clear

LIVE TELCO  
IMPLEMENTATIONS

 SPARKLE

PCCW Global

 CBC.com

*Telefonica*

BT 

 TELSTRA

 Singtel

 orange™



  
TATA

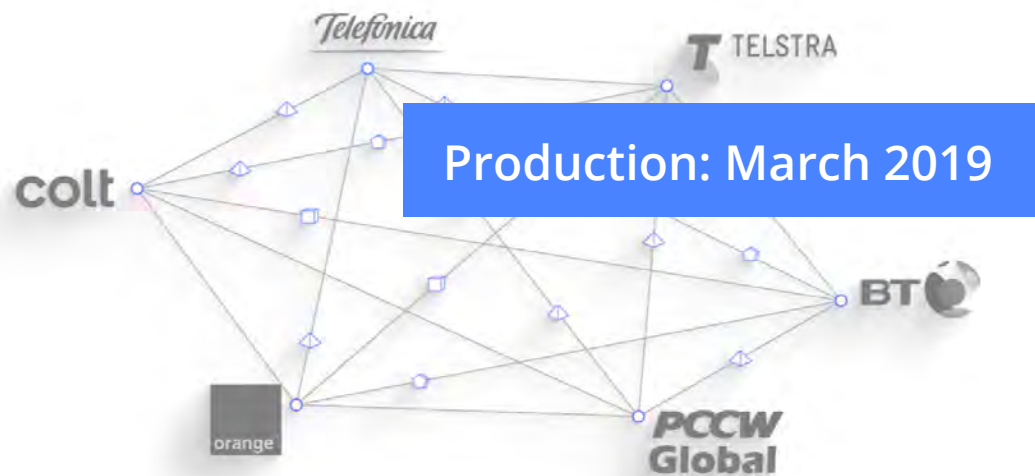


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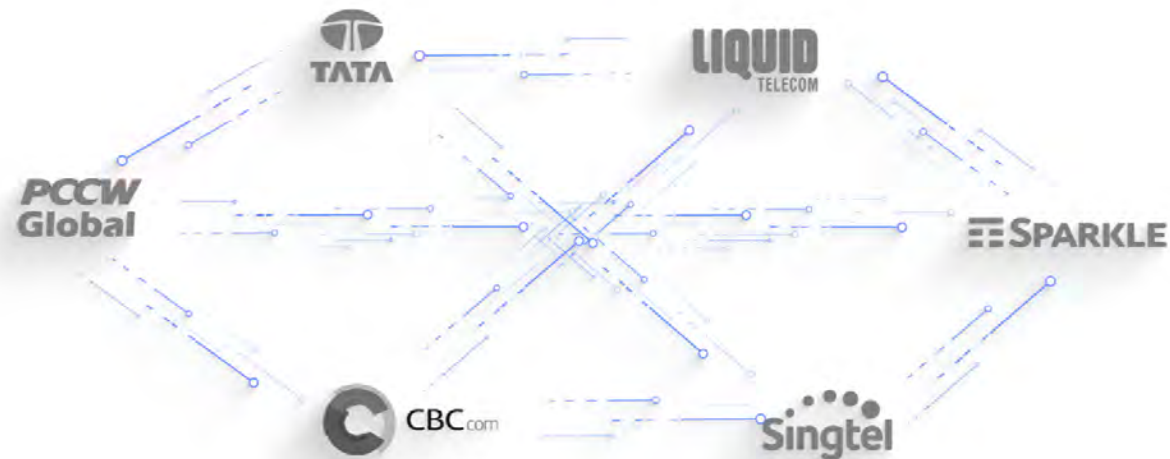
 INFONAS



## Voice



## Bandwidth-on-Demand



## Roaming



*Open  
Architecture*

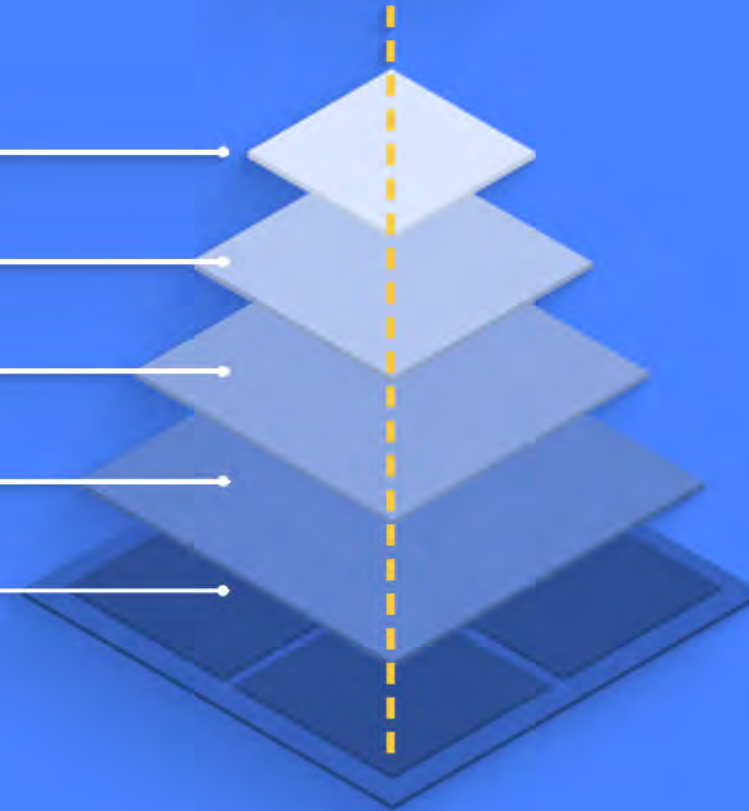
Integration & Interface

Settlement Products

Shared Services

Abstraction Layer

DLT





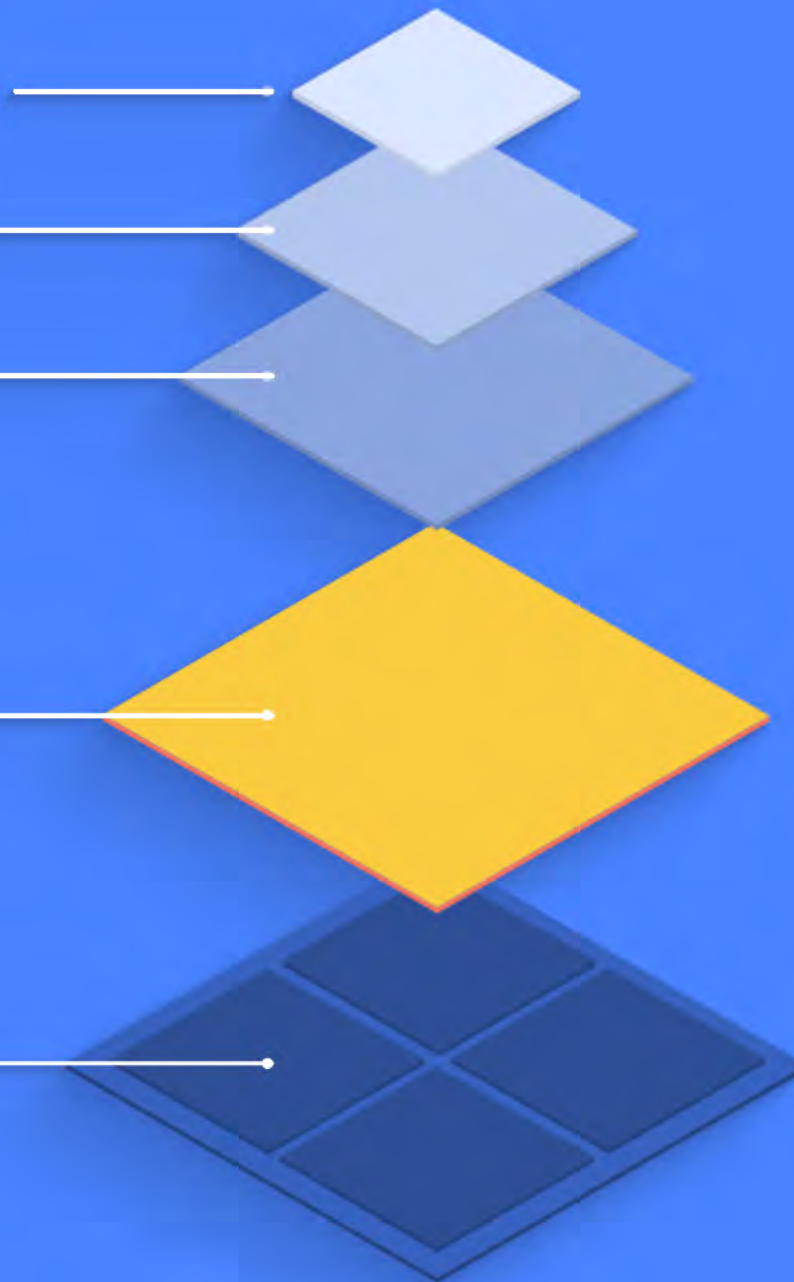
Integration & Interface

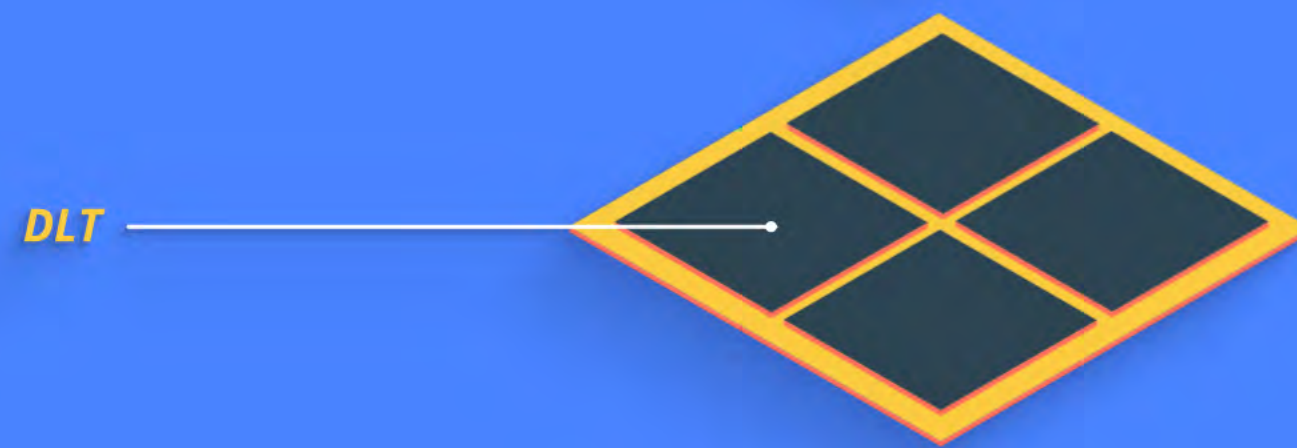
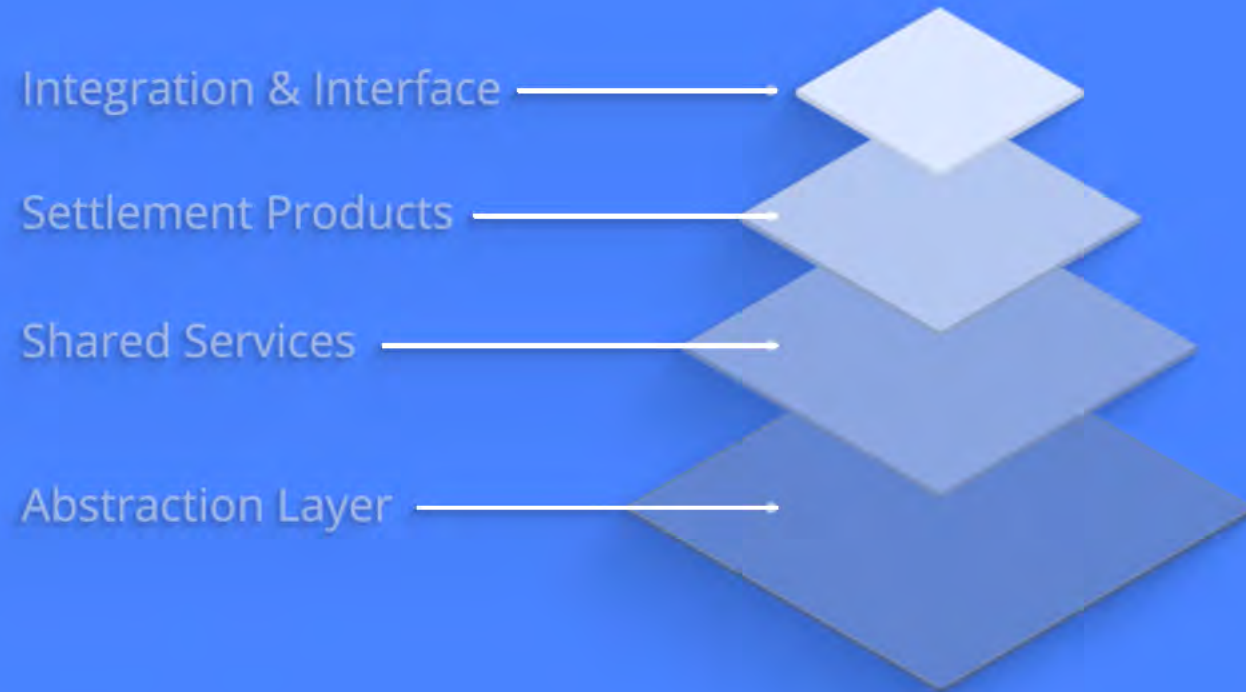
Settlement Products

Shared Services

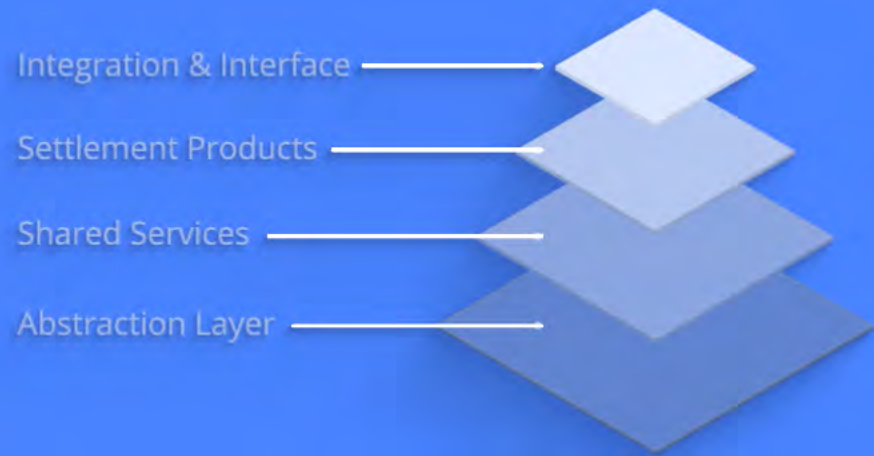
*Abstraction Layer*

DLT

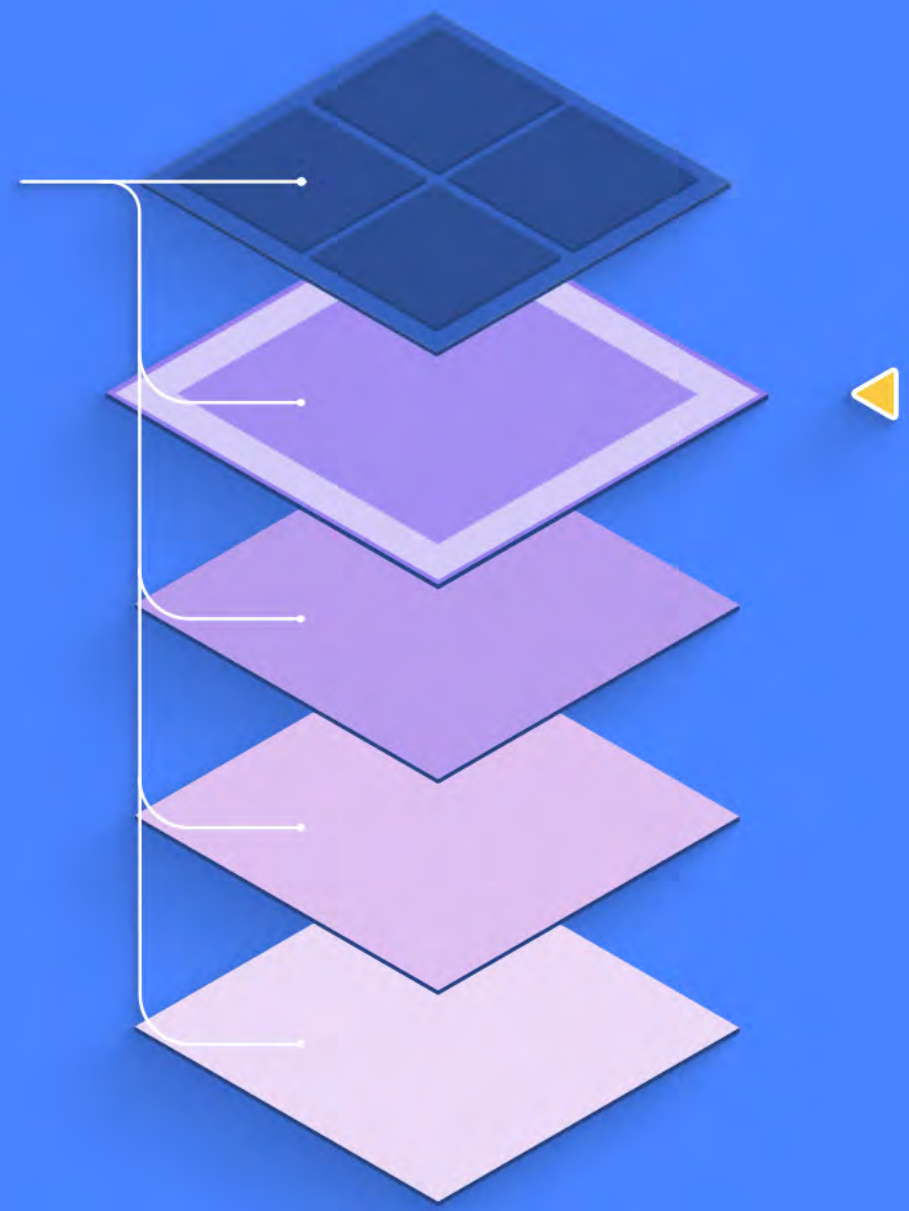


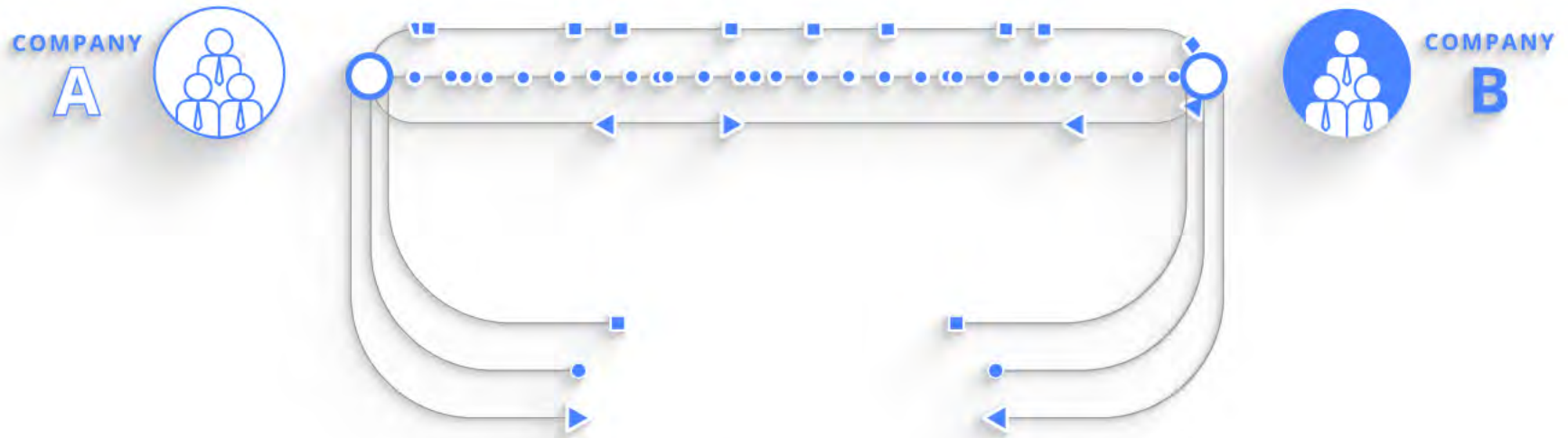






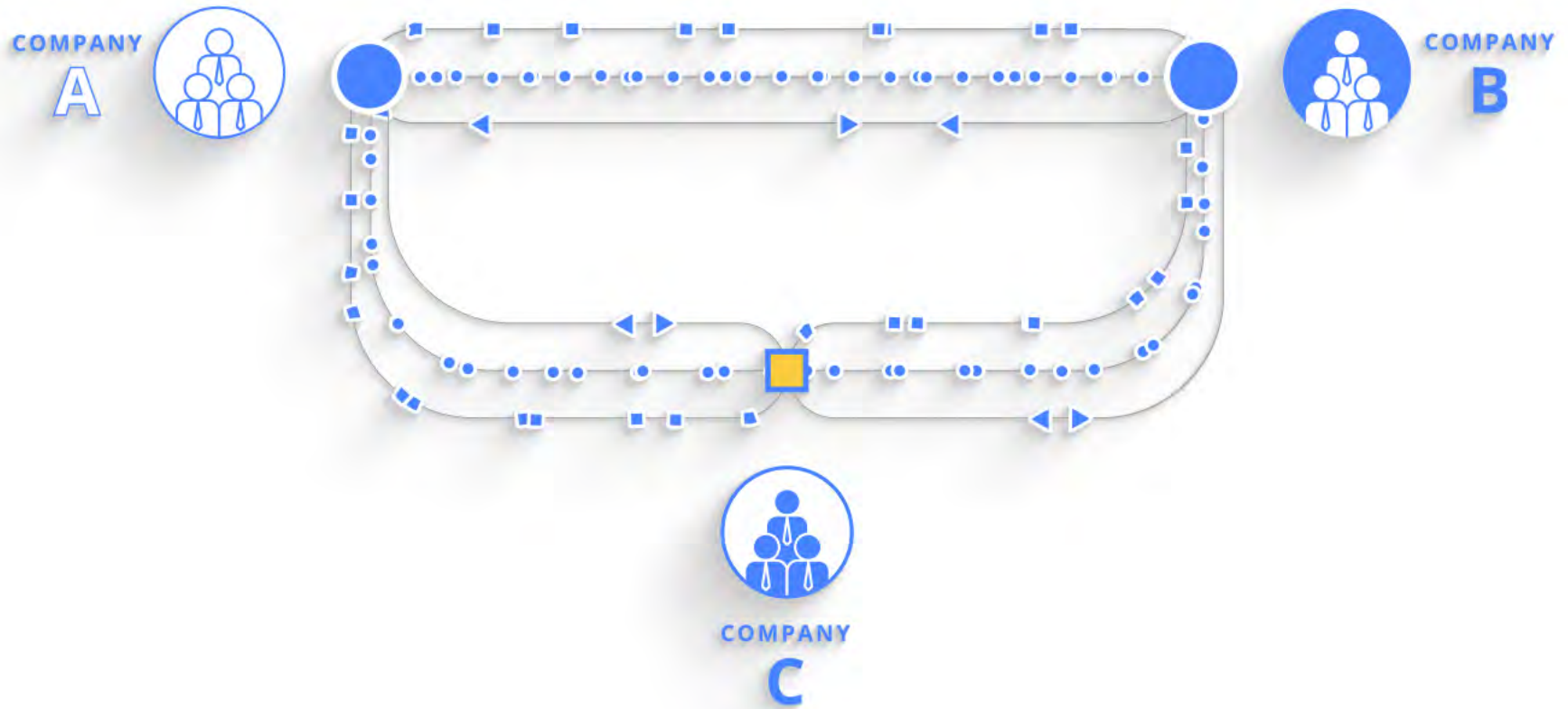
**DLT**





Open APIs





● Node with Clear software

■ Node with other vendors' software



Voting & Validation  
**MECHANISMS**





Implement  
**STANDARDS**

**B2B COMMERCE**  
doesn't have to be complicated

Oclear