

Critical Components of Blockchain Applications

AGENDA



- 1. Introductions
- 2. Critical Components
- 3. Examples of Each Component
- 4. Live Q&A



MEET THE PRESENTERS

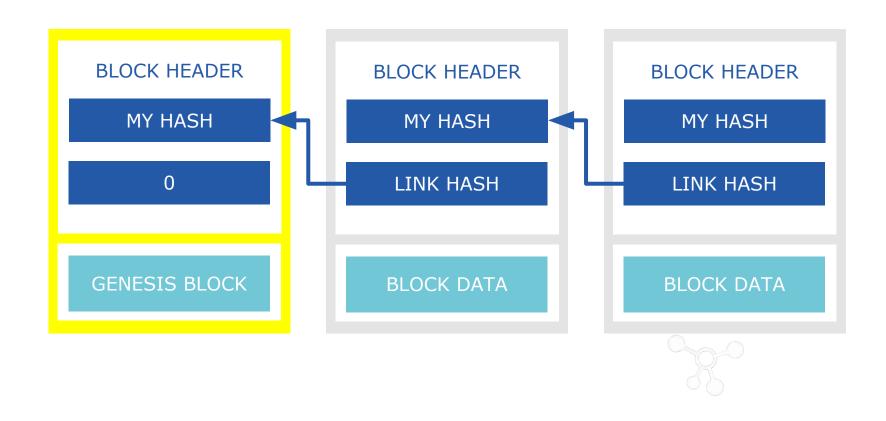






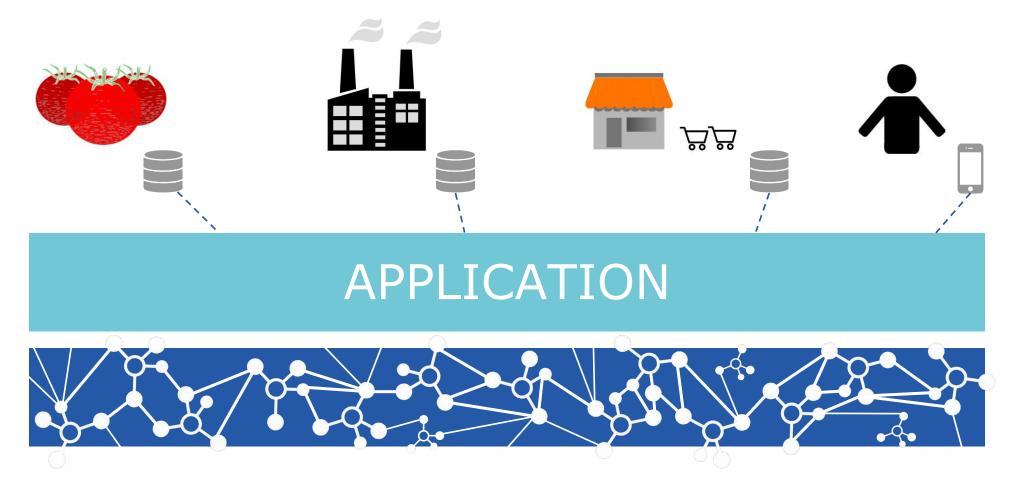
WHAT IS A BLOCKCHAIN





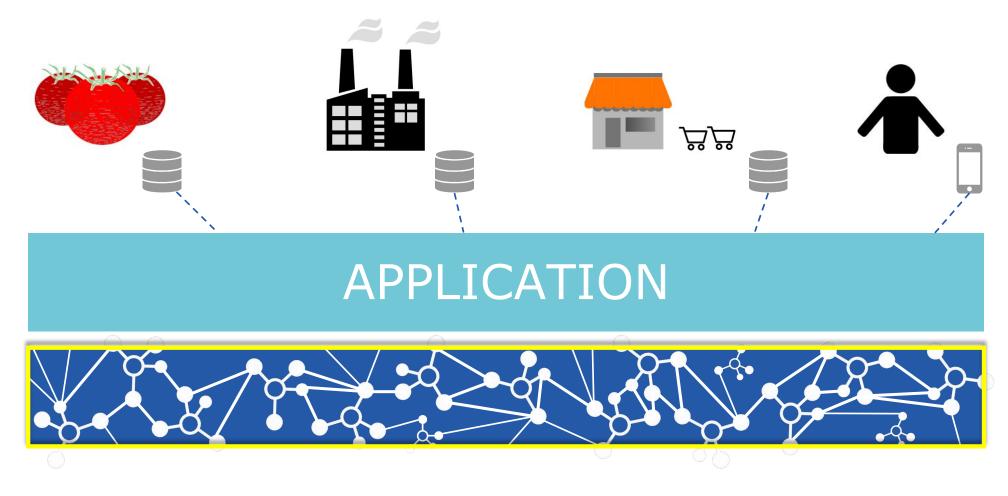
THE SUPPLY CHAIN





COMPONENT #1: ENGINE





EXAMPLES OF BLOCKCHAIN ENGINES





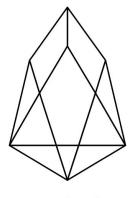


ethereum





HYPERLEDGER



E O S

© 2017, Object Computing, Inc. (OCI). All rights reserved.

objectcomputing.com

(*) All of the pagespect of AWL distributes "manufacture" on the class of the contributes of the class of

The second of th



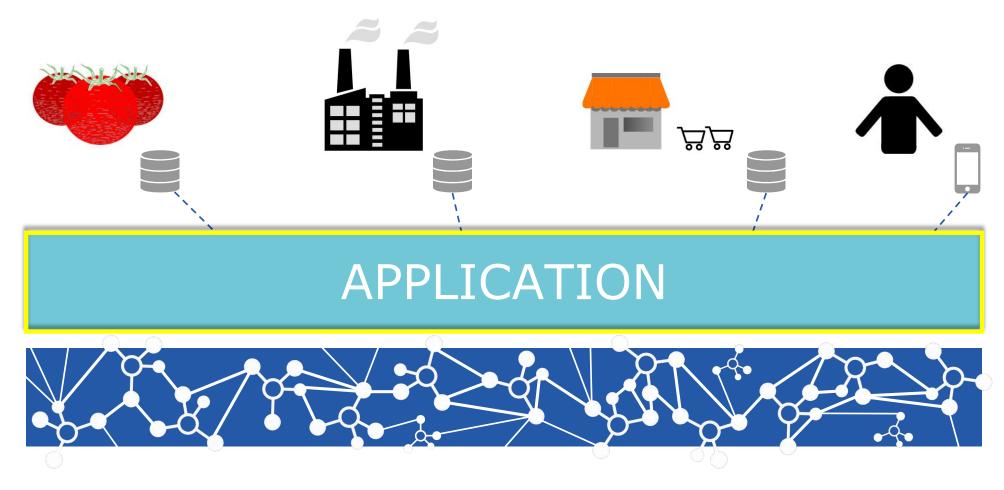


ENGINE CONSIDERATIONS

- Build your own or choose an existing engine
- Smart contract support
- Transaction speed
- Consensus method
- Public vs. private
- Cost

COMPONENT #2: APPLICATION LAYER







Does your application require a blockchain?

EXAMPLES OF BLOCKCHAIN APPLICATIONS





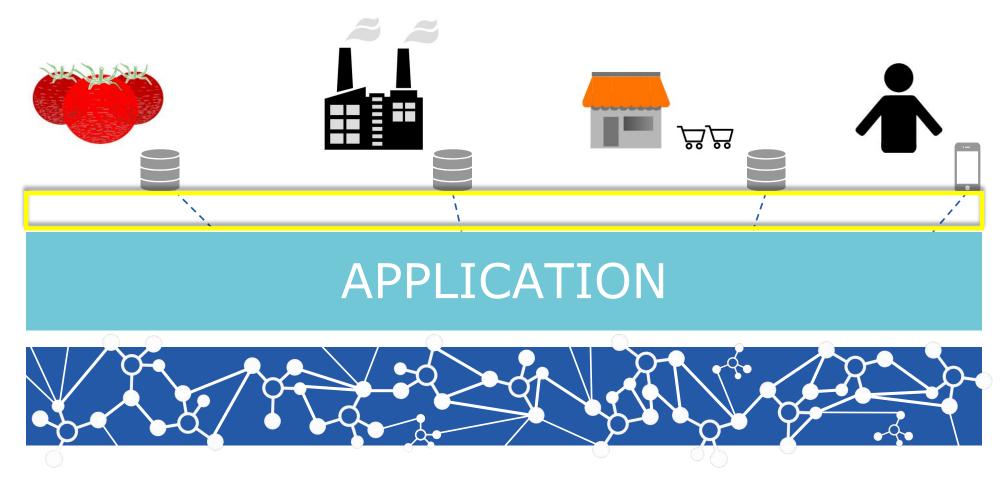


Contest": "This is in process and " This is a second of the contest of the conte

- (T_2 in the second se

COMPONENT #3: APIs







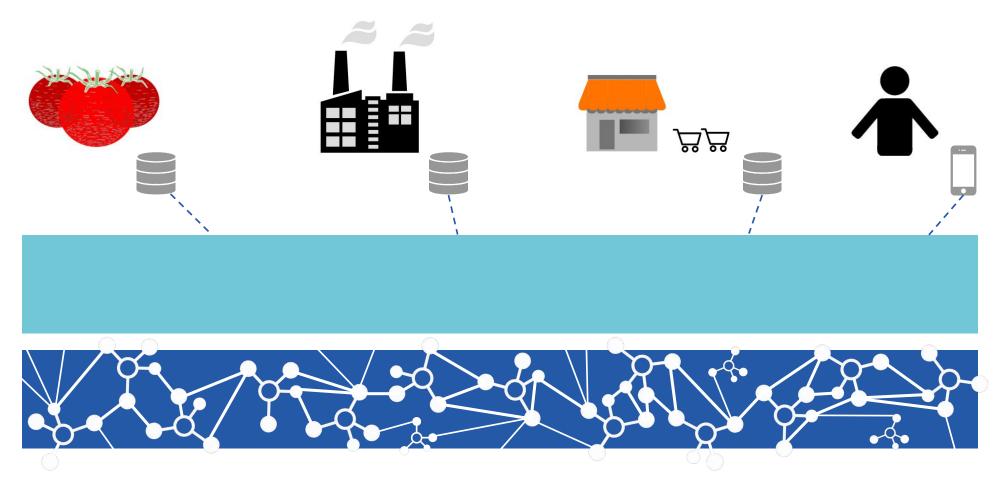


APIs BRIDGE THE GAP

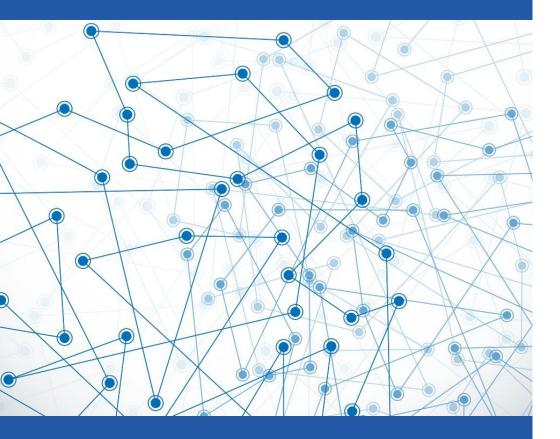
- Speed up development
- Normalization of data
- Enable trusted, accurate data
- Application-specific APIs vs. blockchain engine APIs

COMPONENT #4: NETWORK AND NODES







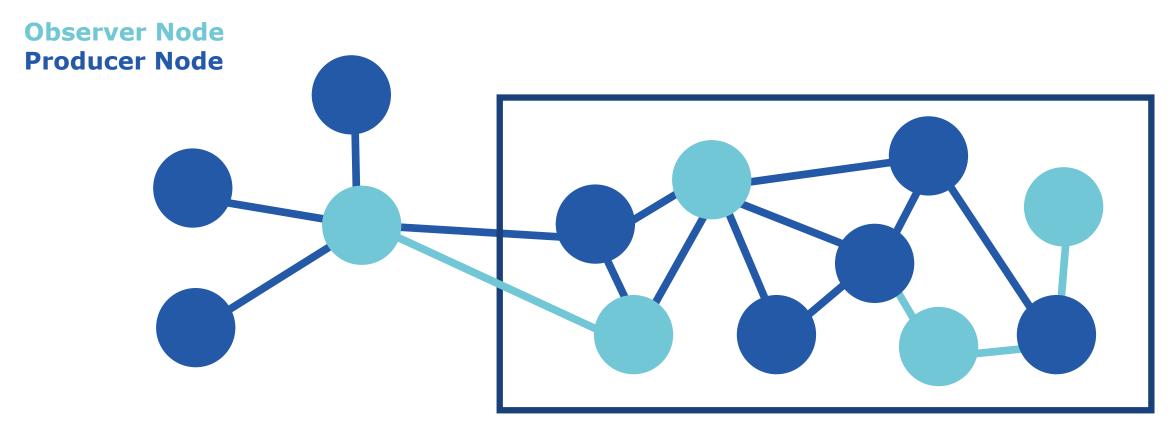


NETWORK & NODES

- Distribution of nodes
- Clustered or not clustered
- Layered access
- Fault tolerance & trust

NETWORK & NODES



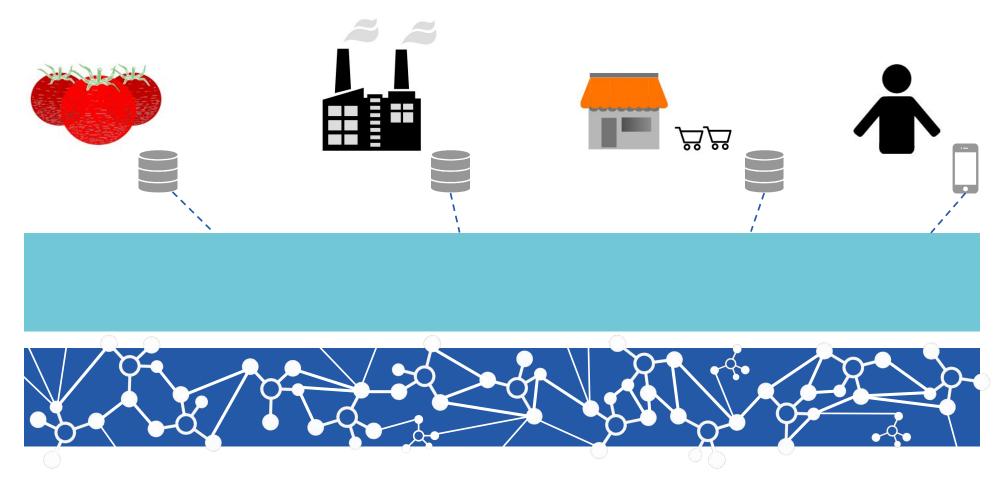




Self - Timps in the form a cont in the control of t

COMPONENT #5: TRANSACTIONS









TRANSACTIONS & CONTRACTS

- Contracts live and run in the blockchain
- Contracts generate transactions into the blockchain
- Contracts interact with other contracts



QUESTIONS

© 2017, Object Computing, Inc. (OCI) All rights reserved.





CONNECT WITH US

- 1+ (314) 579-0066
- @objectcomputing
- objectcomputing.com