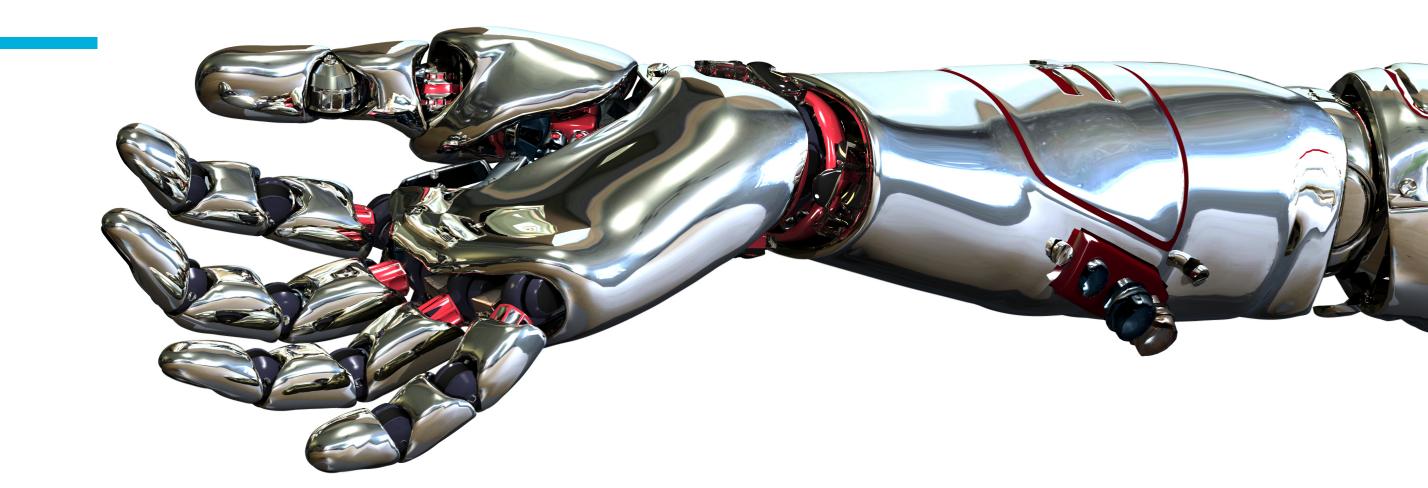
Joel Neidig, Director of R&D @ ITAMCO

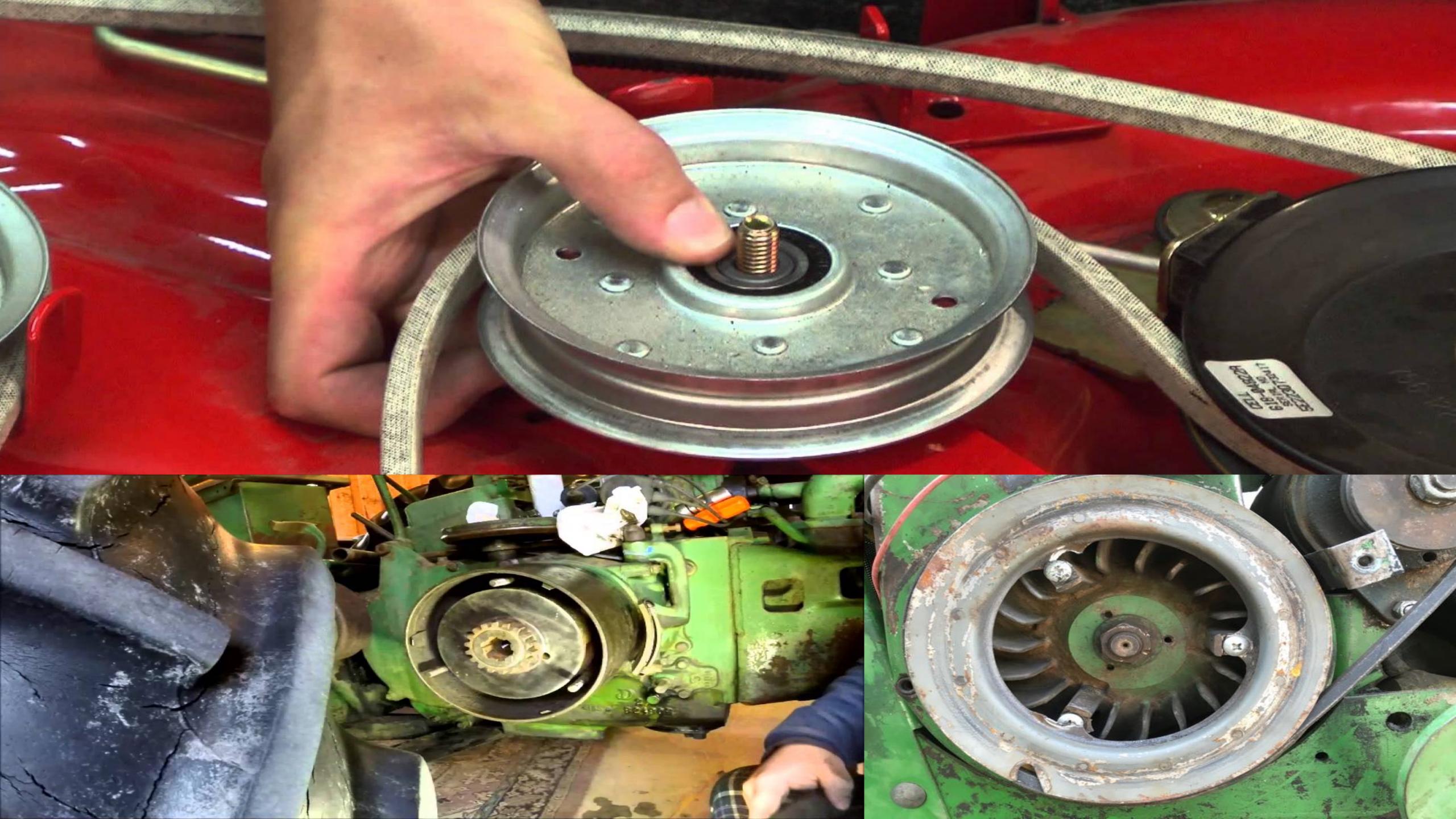
DDRAM

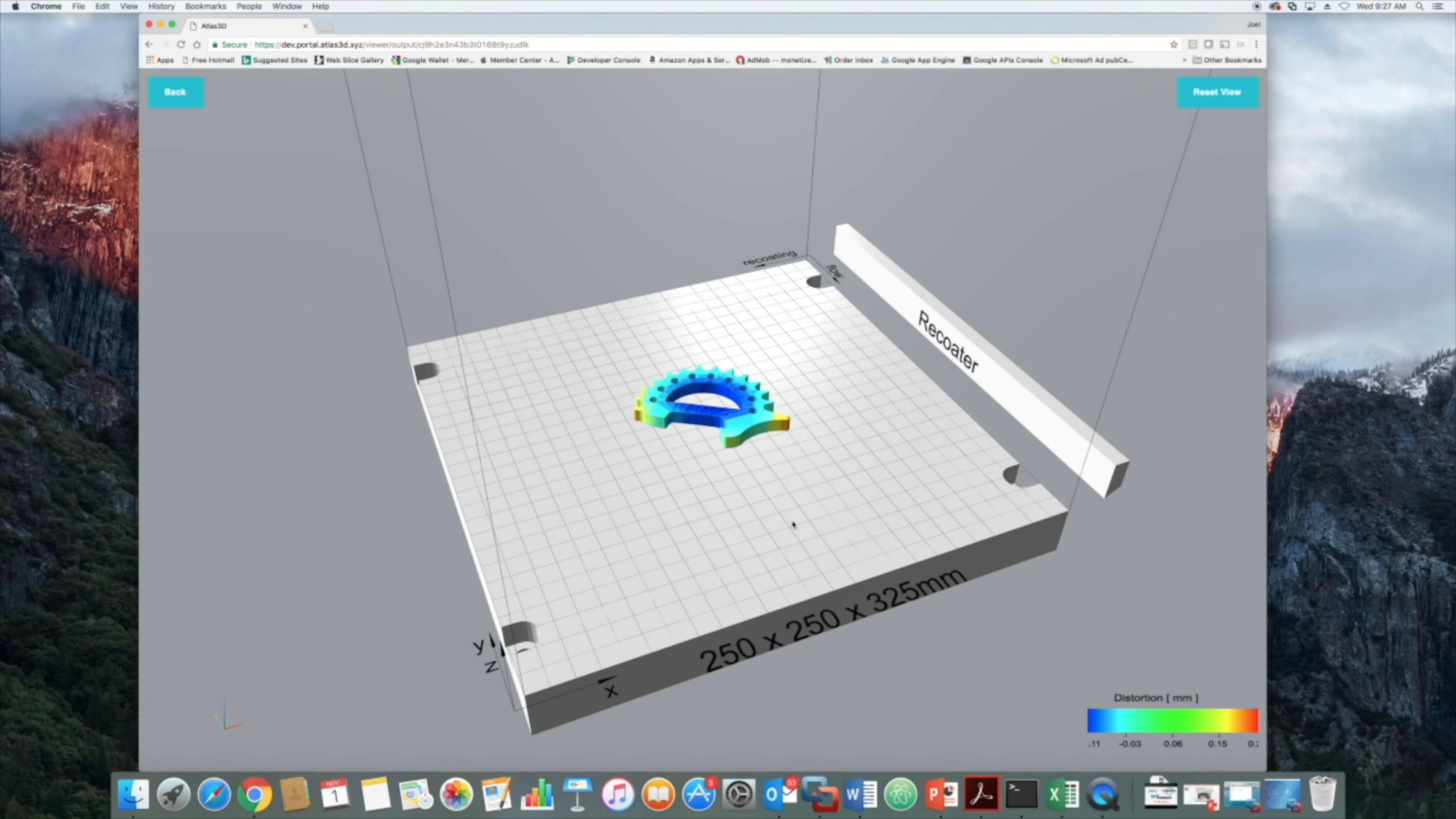
Distributed Decentralized Rural Agile Manufacturing







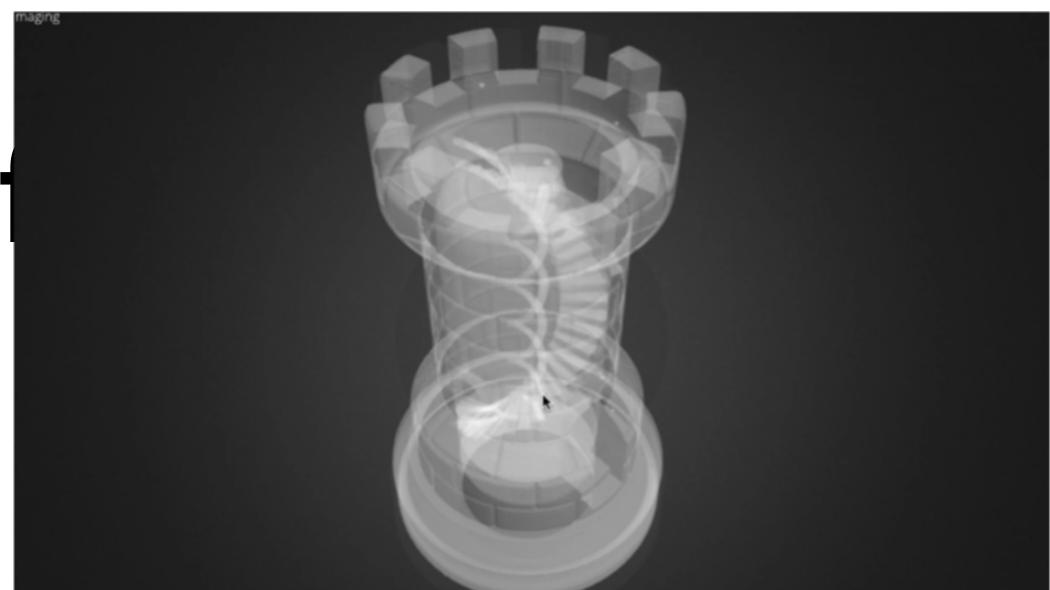




Supporting the Warfighter w/ AM



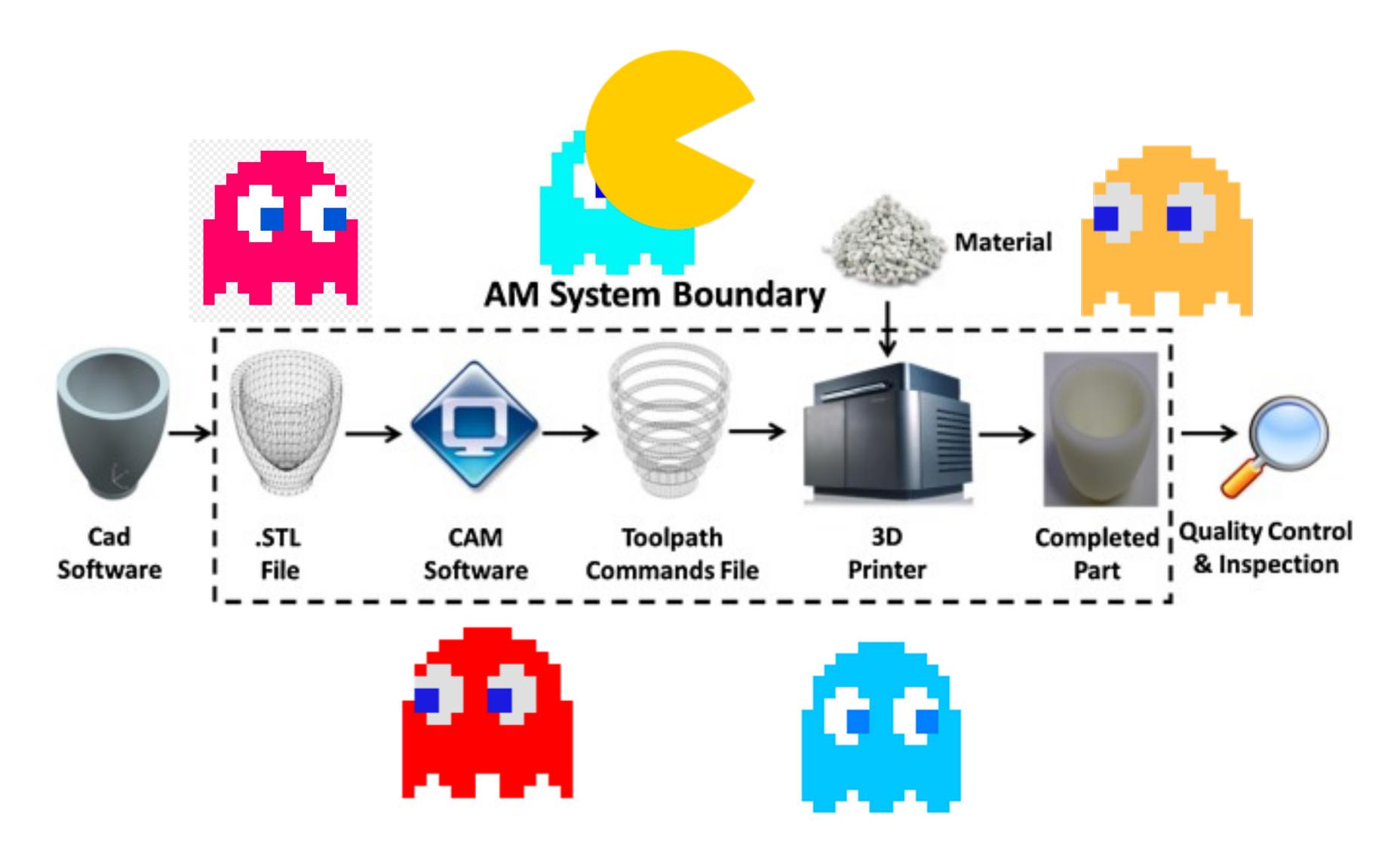
Digital Twin on the Blockchain, QR Codes and CT Scans







Digital Thread



BLOCKCHAIN DEFINED

Blockchain in its simplest form is digital information divided into blocks and linked together in a public or private peer-to-peer network.

The database this creates is not managed by any one person. Instead, everyone in the network gets a copy of the entire database.

The old blocks are preserved forever while new blocks are irreversibly added. This makes it impossible to manipulate by faking documents, transactions and other information.

A SIMPLIFIED EXAMPLE OF HOW BLOCKCHAIN WORKS

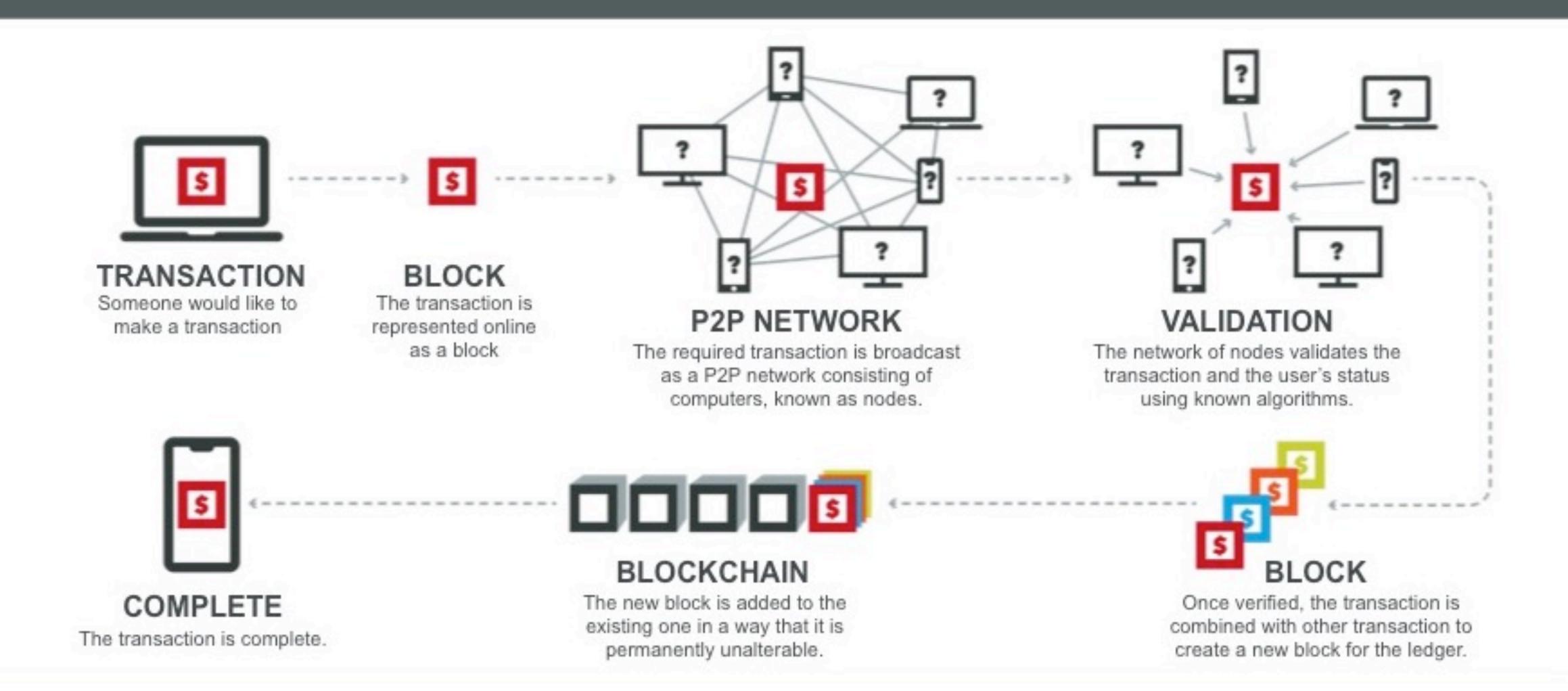


- Each linked data block represents a country.
- Contained inside each block are city names from that country.



- Each block contains a set of unique characters, derived from the information contained inside that block. This
 is called a hash.
- The USA block has the cities Chicago, New York, and Houston. For this example, the hash could be "CNYH".
- · Every successive block includes the previous block's hash, binding the blocks together.

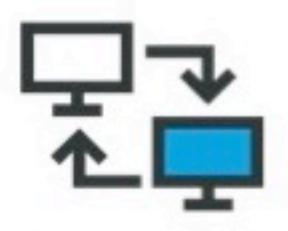
BLOCKCHAIN IS SECURE



SMART CONTRACTS









PRE-PROGRAMMED CONTRACT

The agreement rules and conditions are established by all parties and then coded

CHAIN OF EVENTS

If the events specified by the conditions happen, then the code automatically executes

VALUE TRANSFER

Once in process, the terms of the contract will automatically transfer the value to the correct parties

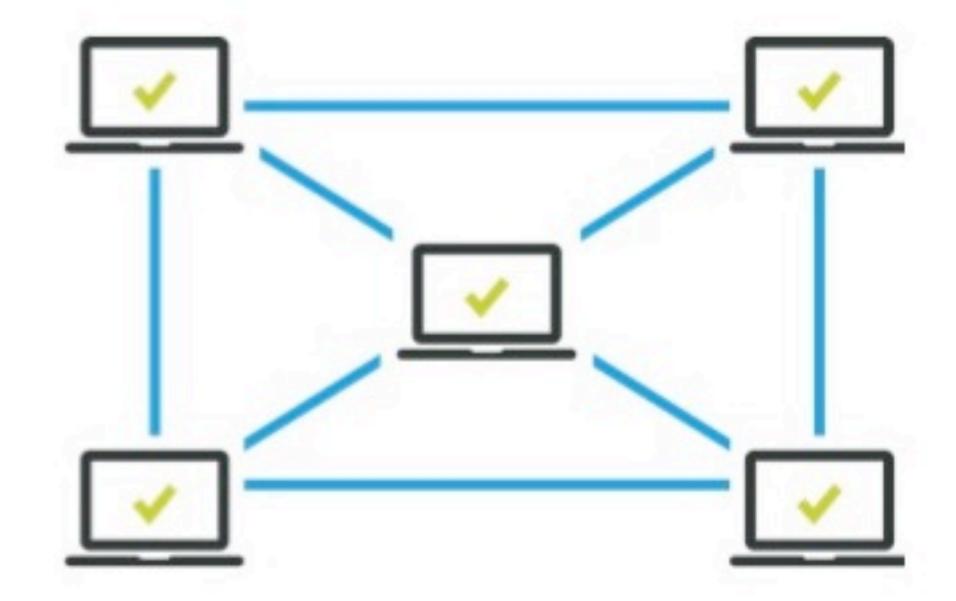
SETTLEMENT

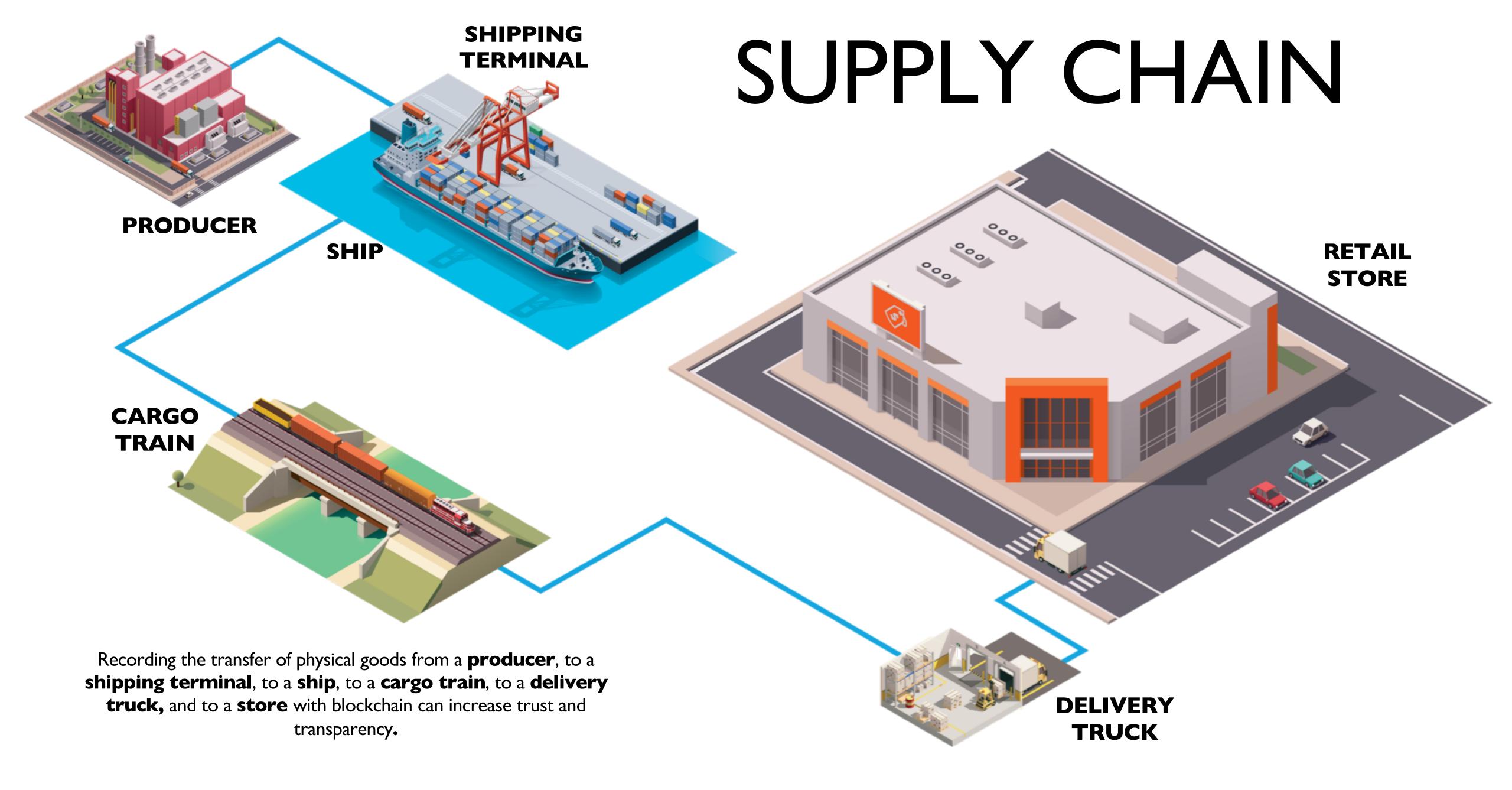
The transfer of value to counterparties are recorded to the blockchain

DAPPS

A DApp has its backend code (smart contract) running on a decentralized peer-to-peer network. The apps frontend (webapp) can be hosted on decentralized storage.

DAPP = FRONTEND + CONTRACTS







"You will not find it difficult to prove that battles, campaigns, and even wars have been won or lost primarily because of logistics"

~ Dwight D.

Eisenhower



THANK YOU

HOW TO CONNECT WITH ME

Don't hesitate to contact me.

I will be happy to answer your questions.



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